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ACTi Enabled British International School in Cairo (BISC) into IP Surveillance

Country: *Egypt* 

Vertical Market: *Education*

Software: *ACTi NVR*

Product: *ACM-5711 IP Box Camera*

CAM-6630 35x Zoom IP Speed Dome Camera



Background

As a famous school, British International School has a big campus. In order to provide a safe environment to their students, British International School was looking for high quality surveillance system. ACTi's unified solution therefore has enabled the British International's school incorporate IP based CCTV systems. The new system solves the distance limitation between the cameras and the control room. By deploying an IP system, it provides simple and cost effective solution over LAN environments, while keeping the

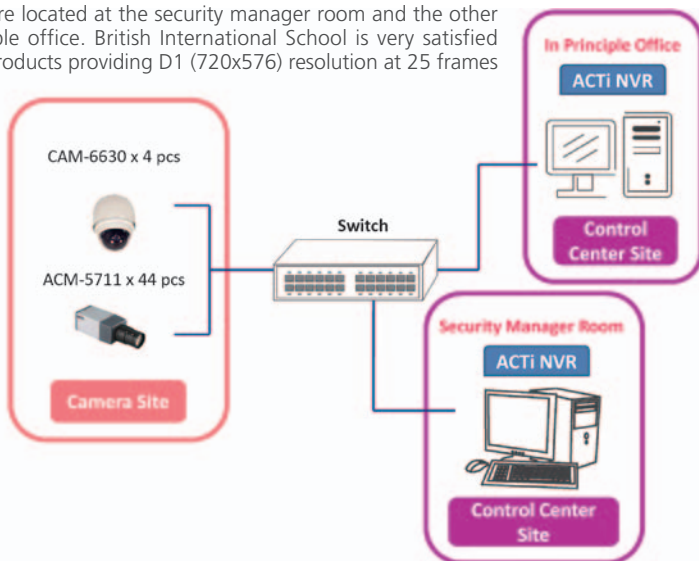
performance.

Solution

The system consists of 44 x ACM-5711 IP Box Cameras and 4 x CAM-6630 Outdoor IP Speed Dome Cameras (35X optical zoom), managed by ACTi NVR Enterprise for the first phase. The cameras are installed in the main building outside of the campus and the school planned to have further extend to connect those cameras which were far away from the control room where only optical fiber cables existed and sent over the school LAN. At the control room site, video cameras are displayed over 2, 40" LCD large screens.

Benefit

Two NVR workstations are located at the security manager room and the other is at the school's principle office. British International School is very satisfied with ACTi's MPEG-4 IP products providing D1 (720x576) resolution at 25 frames per second (PAL), and consuming very low bandwidth and storage size. To provide a transparent RS-485 tunnel within ACTi's video servers, it allows ease of monitoring from different areas. Overall, this solution significantly decreases the installation costs on networking and increases the flexibility for the installation of monitors and cameras, as it uses the existing infrastructure from the school.





ACTi Unified Solution Implemented for INT Campus Security in Evry, Ile de France

Country: *France*



Vertical Market: *Education*

Software: *ACTi NVR*

Product: *ACM-7411 ACTi Megapixel Vandal Proof
IP Fixed Dome Camera*

Background

Maisel SudParis is a non-profit making association governed by the law of July 1st 1901. The main mission of which is to provide accommodation for students from the two French prestige university-level schools, « Telecom SudParis » and « Telecom Ecole de Management », formerly known as National Institute of Telecoms (INT)

Solution

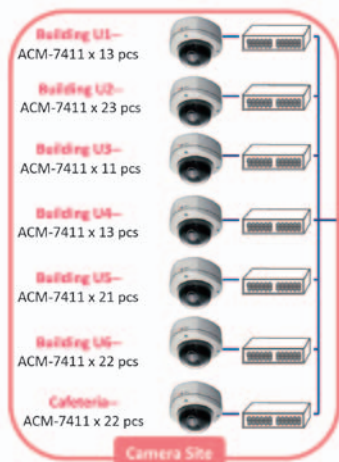
The school campus is located in Evry, south suburbs of Paris, where the Maisel SudParis patrimony is around 700 dorms in 6 buildings; 5 of them are located in the campus and the 6th one in the center of Evry, a 15-minute walk far from the campus; the 6 buildings covers single rooms, studios, flats, common living areas (kitchens, dining rooms, laundries, meeting rooms).

Benefit

The very first argument for equipping the dorms buildings with a video surveillance system was to fight against vandalism acts committed upon equipments of common life areas such as furniture, drink machines; or upon safety equipments like extinguishers, fire detectors, safety displays, bagging devices. The video surveillance system, once implemented, will highly decrease the crime rate, and therefore serves as an important consideration for students when it comes to the decision of choosing which school to live in.

The installation was carried out from February 2009 to February 2010. Considering the multi-site surveillance requirements for the 6 buildings, a dedicated and reliable professional IP cameras and NVR system is the prerequisite of this project. The whole system involves 106 pieces of ACM-7411 ACTi Megapixel Vandal Proof IP Fixed Dome Cameras; all located inside the Maisel SudParis buildings on a dedicated network, where the links between buildings are made with optical fiber. Recording and management were successfully done by ACTi NVR Enterprise 2.2 version software (two x 64ch licenses) and with NAS servers due to the large quantity of video data to be saved.

ACTi local distributor, SOTELI, with a strong IT background, has chosen SINGULAR, their IT integrator partner, as the solution provider for this project. SINGULAR solution is very flexible since the project could be build step by step which was fundamental in the project specifications. ACTi NVR Enterprise and Megapixel cameras were chosen for its high-quality performance and the most numerous features.



ACTi Unified Solution Protects FTS Mosta Secondary School in Malta



Country: *Malta* 

Vertical Market: *Education*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel Outdoor IP Bullet Camera*

ACM-3511 Megapixel IP Fixed Dome Camera



Background

Foundation for Tomorrow's Schools (FTS) is an official organization that develops and manages innovative systems for the construction, refurbishment, and maintenance of schools in Malta. Its goal is to make "Today's Schools" into "Tomorrow's Schools" in line with the guiding principles of the National Curriculum requirements. It plans to build and refurbish around 200 schools in Malta.

Solution

Mosta Secondary School is one of the recently built schools that need IP surveillance system to secure students and teachers' safety and protect school properties. In order to meet the National Curriculum requirements, ACTi's Megapixel camera and NVR software were chosen as the best unified solution to meet the image of "Tomorrow's School".

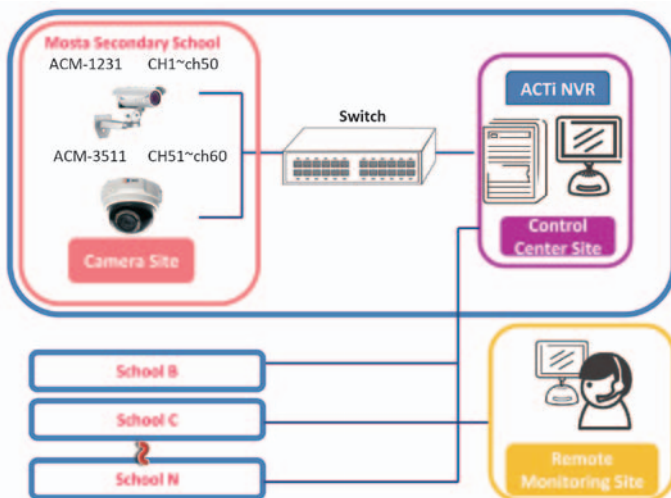
Firetech Ltd., as ACTi's local partner, helped FTS for the security system design and installation. In order to provide a safe study environment, there will be 50 pieces of ACM-1231 Megapixel Outdoor IP Bullet Camera and 10 pieces of ACM-3511 Megapixel IP Fixed Dome Camera installed all over the campus.

Benefit

The Megapixel resolution and build-in IR LED provide clear and detailed image even in the night time. It is a perfect match to monitor the misbehavior of students at schools. The complete surveillance system is managed by ACTi NVR software.

All the FTS schools' surveillance system will be connected by ACTi CMS software from the control center.

The installation and system management is very user friendly. FTS is very satisfied with the video quality as well. For future FTS schools, ACTi will keep providing the cost effective solution to create safe and secure schools in Malta.





A Polish School Chose ACTi Unified Solution for Campus Monitoring

Country: **Poland**

Vertical Market: **Education**

Software: **ACTi NVR**

Product: **ACD-2100 1-channel Video Encoder**
ACM-1231 Megapixel IP Bullet Camera
ACM-3311 IP Dome Camera
ACM-7411 Megapixel IP Dome Camera

Background

ACTi's partner, F.U.H SECURITAL is a Polish system integrator, provides comprehensive consulting, installation and IP security services including IP cameras and application software. F.U.H SECURITAL specializes in offering camera kits for applications such as single family houses, shops, bars, warehouses, industrial halls, banks, etc.

The end user of this surveillance project was School No 35 PODSTAWOWEJ in Czstochowa, Poland, who was looking for a security system with real time monitoring in addition to superior video quality. With the utilization of ACTi Megapixel cameras, the end user now gets clear videos which tell when every detail happens. Besides, the video server product line enables the customer to easily integrate its existing analogue cameras into the new IP-based system. In order to protect the properties owned as well as the students' safety, School No 35 PODSTAWOWEJ decided to choose ACTi as its security system provider.

Solution

This school project started in February, 2009, and just finished installation at same time. 24-hours recording supported by ACTi NVR Enterprise all over the campus prevents any likely-to-happen criminal actions such as theft or vandalism.

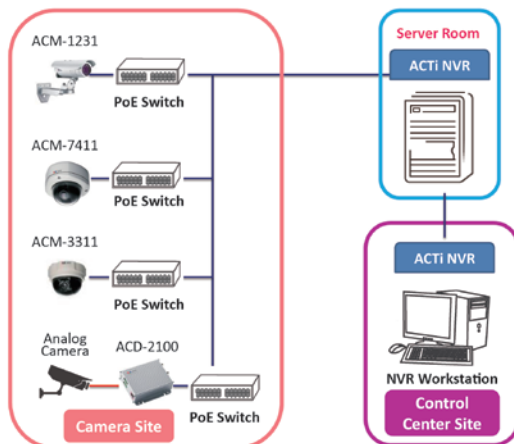
The following cameras were deployed for this school project, ACM-1231 Megapixel IP Bullet Camera, ACM-7411 Megapixel IP Dome Camera, and ACM-3311 IP Dome Camera. Moreover, ACD-2100 1-channel Video Encoder was used to integrate existing analogue speed domes into the IP-based system. Both ACM-1231 and ACM-7411, the all-in-one IP IR Bullet Cameras with IP66, is equipped with vandal resistant, which can prevent the cameras from destroying. The IR LED function provides clear video quality even in the night time. ACM-3311 supports analog output and PoE, which have left flexibility for integrating with other devices and have increased ease of implementation. Both models also enable selectable MJPEG/MPEG-4 compression standards with full frame rate at D1 resolution, while bandwidth consumption is only 3Mbps. Moreover, without discarding the old analog cameras, ACTi ACD-2100 Video Encoder helps to complete the IP-based system.

Benefit

Along with ACTi NVR, the administrator can playback and check every footage to monitor. The security system will be more efficient with the fully protection of ACTi IP surveillance system, the security guard can easily monitor every corner in the campus to ensure students' safety.

One of the advantages of choosing ACTi is that the end user does not have to discard the existing analog cameras to have the IP surveillance system. The ACTi video encoder can transfer the analog signal into digital signal to link with the IP system.

The strongest advantage of ACTi's unified solution is that it does not only provide videos in superior quality but also offers centralized management software to help end user monitor multiple locations on one platform. The campus monitoring becomes much easier and efficient. For School No 35 PODSTAWOWEJ, having a safe environment for students will not just be a slogan anymore.



ACTi Unified Solution Protects National Taipei College of Nursing

Country: *Taiwan*



Vertical Market: *Education*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*

ACM-1511 Megapixel IP Bullet Camera

ACM-4200 Megapixel IP Cube Camera



Background

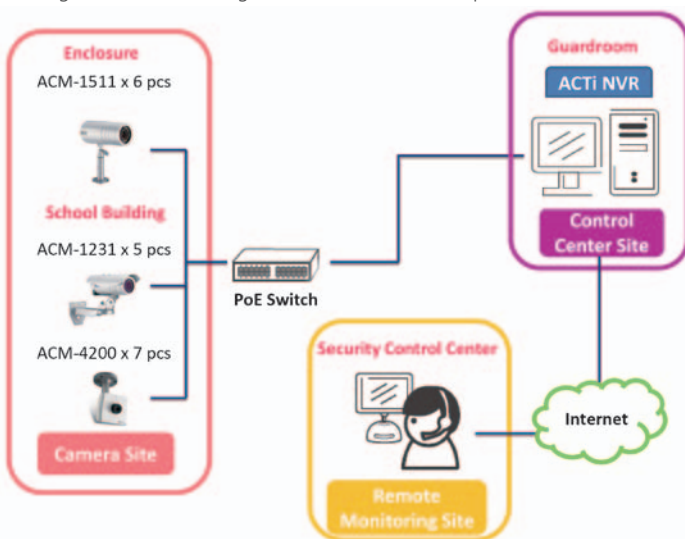
National Taipei College of Nursing was founded more than half a century ago, they have educated a number of outstanding nursing professionals to provide health care service to the people in Taiwan. NTCN nurtures "whole persons" with a holistic professional ability, global perspective and with the will to serve people. To provide a secure study environment, NTCN chose ACTi unified solution to monitor the campus.

Solution

For outdoor monitoring, 5 pieces of ACM-1231 Megapixel IP Bullet Camera with built-in IR LED and IP66 provide excellent video quality even under low light condition. Other 6 pieces of ACM-1511 Megapixel IP Bullet Camera and 7 x ACM-4200 Megapixel IP Cube Camera were also installed in the corridor and the office, to protect all the students and facilities. Compared with existing traditional analog system, ACTi solution with Power over Ethernet function helped NTCN save lots of time and budget for cabling when built up the whole system.

Benefit

In the central management center, ACTi NVR Enterprise was chosen to manage all the data. It is equipped with live view, recording, and sync playback functions, and supports 16 channels for free. This provides NTNC a unified solution with competitive price. Moreover, with web client function, security guards and supervisors of the school can monitor all the camera sites form both central management center and guardroom via Internet Explorer.



"Thanks to the excellent video quality provided by ACTi Megapixel cameras, now we can see a clear image when we want to look into the details. And with NVR enterprise, it makes remote site monitoring much easier than before, the guards at guardroom and central management center can watch the videos simultaneously. With those benefit, we would like to replace our existing analog system with IP surveillance system." the captain of school guard said.



ACTi Provides Security to Christ the King School in UK

Country: *United Kingdom* 

Vertical Market: *Education*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP IR Bullet Camera*
ACM-3411 Megapixel IP Fixed Dome Camera

Background

Christ the King is a well-equipped, purpose built Catholic Secondary School, opened by Bishop Ellis in 1971. The school is a mixed 11-18 Catholic Comprehensive and is situated in a pleasant suburban area to the North East of Nottingham. It has its own very extensive playing fields and the buildings include specialist suites for: Modern Languages, Music, English, Mathematics, Science, Art, Design and Technology, Information Communication Technology, Learning Resources, Humanities and Religious Education. The buildings also house a chapel, lecture theatre and media centre, assembly hall, gymnasium, sports hall and dining hall. The new-purpose-built 6th Form Centre was opened in the autumn of 2003 by Bishop Malcolm McMahon.

Solution

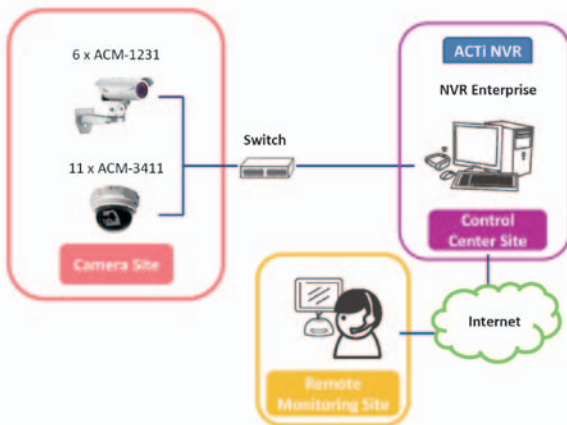
ACTi's partner, the system integrator-Connaught Communications is focused on providing their customers with high-quality products and services that support and enhance their business requirements - with a structured development path for the future. Their approach will enable customers to profit from integrated IP technology - maximizing efficiency, achieving substantial cost savings and planning for the future with confidence. With Connaught Communication's experienced supports, ACTi surveillance solution was used for Christ the King school.

11 pieces of ACM-3411, 1.3 Megapixel Indoor IP Fixed Dome Cameras, offers clear video with much better resolution and details than traditional CCTV analog cameras. 6 pieces of ACM-1231, the all-in-one IP IR Bullet Cameras with IP66, vandal resistant, and IR LED, provided clear video quality at night outside. All cameras were linked back to one central control room via the network and run off one server, completing a comprehensive surveillance system in school.

Unlike traditional DVR systems which typically only provide 4, 8, 16, 32 channels, ACTi unified IP solution is scalable up to 64 cameras ensuring extendibility for the school.

Benefit

For Christ the King, the main advantages is that the Megapixel picture quality for superior image quality and license plate recognition, which the security can easily recognize every car enters the campus. Secondly, the scalability, allowance with future expansion to add more cameras without requiring a new NVR. Thirdly, it is easy to integrate with door entry control, alarm & lighting.



Falcon School District 49 in Colorado Springs Selects ACTi Corporation to Provide a Safer Learning Environment for Students and Teachers

Country: *United States* 

Vertical Market: *Education*

Software: *ONSSI NVR*

Product: *ACM-3411 Megapixel IP Fixed Dome Camera*
CAM-6610 18x Zoom IP Speed Dome Camera



Background

Since the Columbine High School incident in Littleton, Colorado, school districts throughout the state have been making an active effort to provide a safer learning environment for students and teachers. Due to the size and scope of providing a safer environment for school districts, IP Surveillance technology has become the standard in educational institutions throughout Colorado. Falcon School District 49 is one of the largest school districts in the Pikes Peak region and they are setting the standard for providing a safer more productive learning environment through the use of Megapixel IP surveillance technology.

Solution

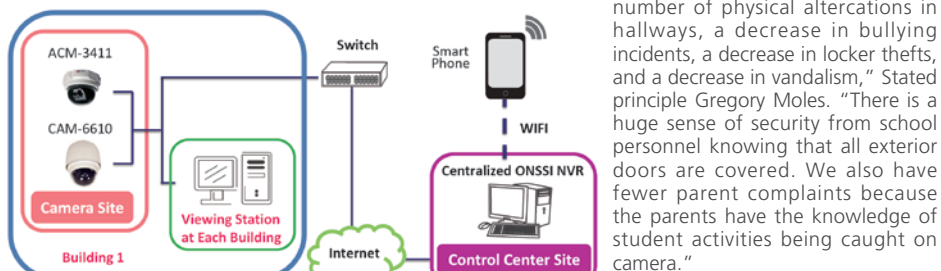
Their current system utilizes the ACM-3411 Megapixel IP Fixed Dome Camera to secure entry points and hallways while the CAM-6610 IP 18x Optical Outdoor Speed Dome Camera is utilized to secure the outdoor building perimeter, parent/student pickup points, and parking areas. This surveillance architecture is now implemented across more than twenty campuses district wide. The nature of IP video surveillance has allowed the school district IT personnel to manage video from all campuses at one central location.

Benefit

Falcon School District 49 chose ACTi Corporation because of the affordable high quality image performance their product line has to offer. "By choosing ACTi Corporation as our IP video surveillance solution we were able to almost double our video coverage district wide." said Michael Riggs, Systems Engineer for Falcon School District 49.

The school district has used data from their incident tracking database, which lists incident location, to designate camera placements. By utilizing this type of data for camera placements, the district was able to not only provide a more secure learning environment, but also curb delinquent student activities.

"Since the installation of ACTi cameras at Horizon Middle School we have noticed a decrease in the



Falcon School District 49 is the fifth fastest growing district in the state of Colorado. They serve more than 13,600 students throughout portions of eastern El Paso County.



ACTi Partners with Milestone to Provide A Surveillance Solution for the Louisiana School for the Deaf in Baton Rouge, LA

Country: *United States* 

Vertical Market: *Education*

Software: *Milestone*

Product: *ACM-7411 Megapixel IP Fixed Dome Camera*

Background

Educational institutions across the globe are expanding their security and surveillance capabilities. In Baton Rouge, LA, the Louisiana School for the Deaf is no different. The school has 18 buildings stretched over a 122 acre campus. Due to the scope and nature of the installation, it was decided that an IP surveillance system was the logical choice.

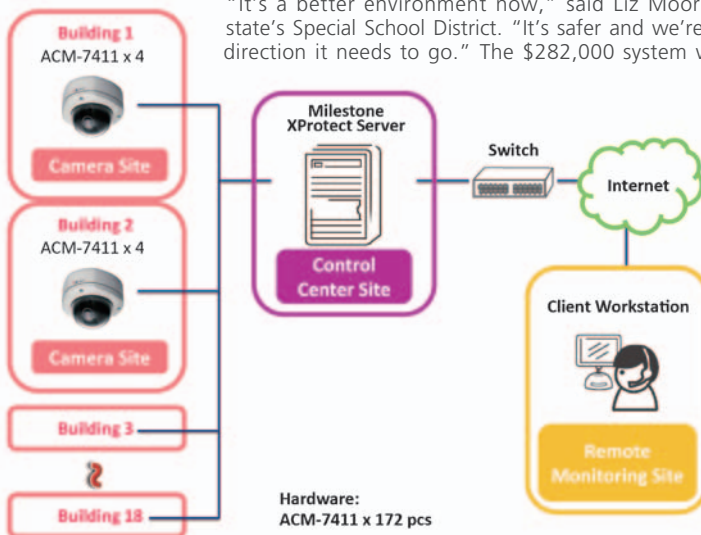
Solution

The system consists of 172 pieces of ACM-7411 Megapixel IP D/N Outdoor Vandal Proof PoE Rugged Dome Cameras. The Megapixel video allows for digital enhancement of images while the vandal resistant dome housing made it the best choice for the school environment. The head end uses Milestone Enterprise central video management software running on 3 Intel servers with 18 Terabytes of storage. The network infrastructure is made up of PoE enabled Netgear switches on a dedicated 1 Gigabit backbone to allow for maximum throughput of the Megapixel video.

The school board chose ACTi's partner, Latech as the system integrator for the installation due to the severe time constraints placed by the Louisiana Superintendent of Education. "We were chosen because we could get the job completed in 30 days," said Leland Wolf, President of Latech. "We knew ACTi was the best camera solution for this project because they could deliver the hardware in the restrictive time frame provided."

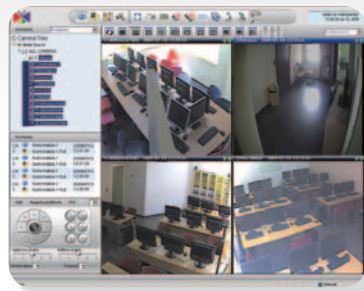
Benefit

"It's a better environment now," said Liz Moore, acting director of the state's Special School District. "It's safer and we're moving education in the direction it needs to go." The \$282,000 system went online in November 2008, Moore said, and there have been no known incidents since the school's Nov. 5 reopening. "When the guards notice anything suspicious, they phone a roaming security guard and direct him to the location," said the school's security director Willie Turner. "The cameras have helped out tremendously. Student behavior has improved because they are aware they are being watched."



ACTi Solution Was Chosen to Protect One of the Biggest Training Centers for Engineers in Greece

Country: *Greece* 
 Vertical Market: *Enterprise*
 Software: *ACTi NVR*
 Product: *ACM-1311 IP Bullet Camera*
ACM-4000 IP Cube Camera



Background

The company Loulakis Polichronis & Associates Co. started its operations in 2005 and its main activities are technical software services such as development, training, support on Autodesk products (AutoCAD, AutoCAD Architecture, 3DS MAX, Autodesk Revit etc). It is mainly used by engineers, designers and other specialties in the technical expertise area. The company is authorized as developer, publisher and training center for Autodesk, Corel training partner as well as being a certified ACTA examination center.

Solution

From day to day, dozens of engineers arrive at these important premises to attend professional trainings. In order to secure the place and offer a comfortable learning environment, the owner decided to install surveillance system to protect the establishment.

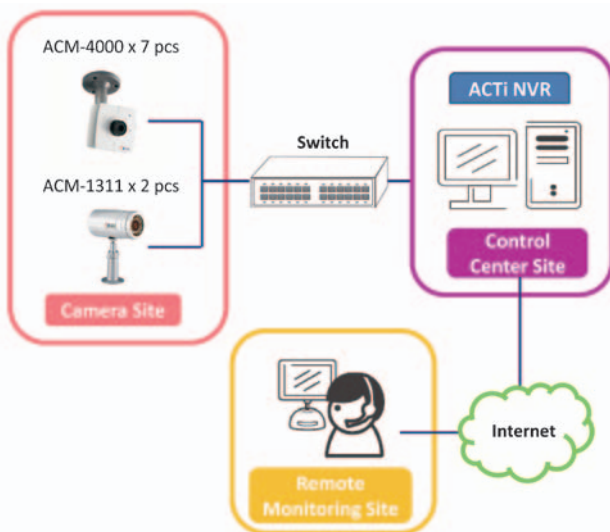
There was an existing gigabit UTP cabling that could be used, so implementing an IP system was more than ideal, which could save a lot of cabling and labor costs. Moreover, there was also an existing dedicated computer to be used as the NVR server in control room.

Benefit

After confirming project requirements, customer chose ACTi solution due to its relatively large product line, that can combine small-business cameras together with professional models, and the prices are very competitive. In this case, two indoor bullet cameras ACM-1311 IP Bullet Camera were installed in

the front entrance and secretary office, plus cube cameras, ACM-4000, for each of the seven training rooms.

The owner can monitor the premises remotely, and if vandalism or theft occurs, he can immediately watch the video playback and get evidence. "I am really satisfied with the cameras' performance, the NVR's specifications and performance as well as the overall solution performance." said the owner. "I am also surprised by how supportive ACTi and SP Controls Ltd had been during all the process." Customer is considering a future extension plan using high-definition cameras, with ACTi Megapixel product line.





Prosegur Tecnologia, Argentina, Chooses ACTi to Protect Their Establishment

Country: *Argentina* 

Vertical Market: *Enterprise*

Software: *SKYPOINT*

Product: *ACM-1231 Megapixel IP Bullet Camera*
ACM-3401 Megapixel IP Fixed Dome Camera
ACM-5611 Megapixel IP Box Camera
ACM-5711 IP Box Camera
ACM-7411 Megapixel IP Dome Camera
CAM-5221 IP Box Camera
CAM-6510 IP High Speed Dome Camera
CAM-6620 IP High Speed Dome Camera

Background

Prosegur Group is one of the leading companies in security service, having strong presence especially in Spanish-speaking countries. Argentina branch has recently established their new office in Florida, and has chosen ACTi as the main surveillance system manufacturer for all Prosegur Tecnologia section.

Solution

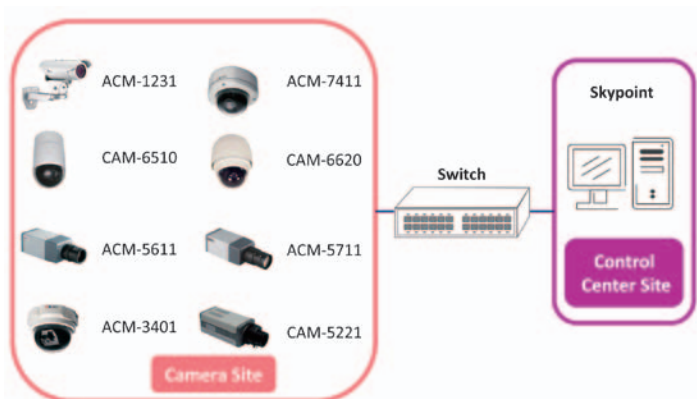
The system consists of 16 ACTi IP cameras in total, including 5 x Speed Dome cameras (CAM-6510, CAM-6620) to monitor big wide areas; 7 x Box Cameras (ACM-5611, ACM-5711, CAM-5221) for fixed zones like hallways and corners; 2 x Megapixel Dome Cameras (ACM-3401, ACM-7411) were installed in the warehouse, and 2 x Megapixel Bullet Cameras (ACM-1231) for the outdoor parking lot. All cameras are set in LAN environment, in an isolated network.

Benefit

The cameras are constantly visualized and controlled by security guards, through software SKYPOINT. ACTi's open platform provides the integrated solution that customer can choose the software they would like to use.

"We are very surprised by the quality and smoothness of the videos. These cameras are very reliable and we have never had any problem so far. The installation was also really easy and once the cameras are on, system is on as well." said one of the engineers.

It seems that Prosegur Tecnologia is really satisfied with this installation, with ACTi securing their working environment by providing high quality video images, showing real-time clear picture.



ETDE Chose ACTi IP Camera to Protect Bourgeois, CHANEL Branch Office in France

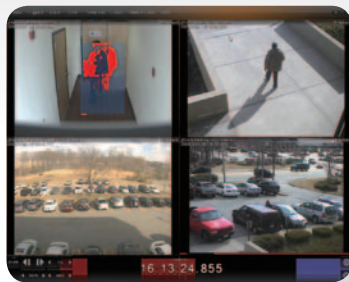
Country: **France** 

Vertical Market: **Enterprise**

Software: **ONSSI**

Product: **ACM-1431 IR IP Bullet Camera**

CAM-7301 Vandal Proof Fixed Dome Camera



Background

ETDE, subsidiary of the group Bouygues, the leading French system integrator, has chosen ACTi IP cameras and ONSSI NetDVMS Security Management Software for IP video surveillance in Bourgeois, the subsidiary of famous fashion house CHANEL, based in Neuilly sur Seine, ile de France region, in July 2008.

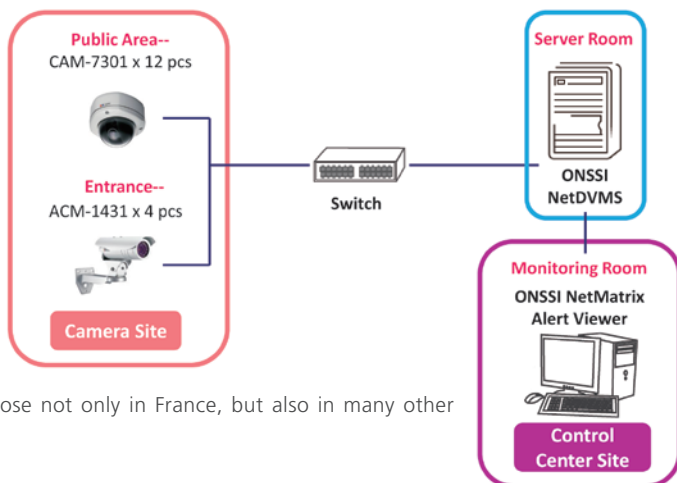
Solution

In view of increasing crime rate, Bourgeois, the Branch office of CHANEL has decided to invest heavily on security system in their office. Bourgeois required a security system for efficient and powerful surveillance and management. Novadis, the ACTi value-added distributor in France, combined the unique offering of ACM-1431 540 TVL High Resolution CCD IP IR cameras and CAM-7301 anti-vandal fixed dome with ONSSI NetDVMS management software system for this project. The contracted system integrator, ETDE, was therefore able to provide very reliable and robust video solution.

Benefit

Excellent D/N video quality with smooth full frame video transmission at minimum bit rate and ease of use were just two of the reasons the ACTi and ONSSI solution was chosen. Total 16 ACTi IP cameras were installed all over the branch office, 4 pieces of ACM-1431 IR IP Bullet Cameras at entrance, and CAM-7301 Vandal Proof Fixed Dome Camera at important public area. "When it comes to selecting built-in IR IP cameras, it is very rare that we see good video quality these days, especially at such affordable price level with both PoE function and IP-66 casing," commented Mr. Benjamin Coliaux, the Key Account Sales Manger of Novadis, "the all-in-one functions and easy-to-install feature of ACTi cameras have greatly helped reduce the installation effort and time for ETDE."

ACTi's wide profile of professional IP cameras ranging from box camera, IR bullet camera, fixed dome camera to PTZ camera have been commonly chosen for office building surveillance purpose not only in France, but also in many other European countries.





Procter & Gamble in UK Deploys ACTi & Milestones IP Security Solution in Newbridge, Co. Kildare

Country: *United Kingdom* 

Vertical Market: *Enterprise*

Software: *Milestone XProtect*

Product: *ACM-3511 Megapixel Indoor IR Dome Camera*
ACM-5611 Megapixel Box Camera
CAM-6630 35x Zoom IP Speed Dome Camera

Background

Flexibility and multi device integration is vital for Business Campus security solutions with an eye to expansion in the future. A major consideration in large business campuses is maintaining the security integrity of existing systems as new buildings and areas come on stream which requires to be added to the surveillance system.

Procter & Gamble in Newbridge, Co. Kildare has a large Business Campus with multiple building requiring different levels of security and integration with existing systems. GVD worked closely with security installer, SDI Ltd. on a new phase of the site aimed to provide high resolution video surveillance to a new building at the campus. While all cameras were situated in this new building, there was a requirement to record and archive to a NVR in the main communications hub in the head campus building.

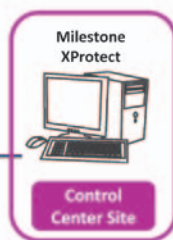
Solution

With a single mode fibre link around the campus, allowing for fast connectivity, it was decided earlier to take full advantage of Megapixel quality cameras. DSI decided to use the ACTi Megapixel cameras, based on the video quality and value for money invested. 10 units ACM-5611.3 Megapixel Box Cameras (with external housings), 1 unit CAM-6630, IP Speed Dome Camera with 35x optical zoom and 7 units ACM-3511, 1.3 Megapixel Indoor IR Dome Cameras were installed and cabled back to 3 separate POE switches with fibre ports in the new building. These switches were then linked to the single mode fibre network which allowed footage from all cameras to be recorded and archived in the main campus building. The NVR consists of a Windows™ Server with Milestone XProtect™ Professional video management software. Milestone Professional offers unlimited Smart Clients, which can be installed on any PC on the main P&G network with unique viewing rights for each user decided by the Security Department. Only the authorized administrator can actually access the management of the system. The entire system is completely scalable for expansion in the future – and is also open to integrate with access control, alarm, barriers and remote monitoring.

Benefit



ACTi Megapixel cameras provides superior image quality. Along with Milestone software, the administrator can watch live footage and playback simultaneously.



P&G was very satisfied with the system, they claimed "P&G likes the fact that the security system is fully flexible and in a way is future proof so that they can add additional cameras and security devices all over one software platform without requiring new software for each new device. Furthermore, there is a huge advantage that the control and access to each of the cameras is simple and easy for all security personnel."

ACTi IP Solution Empowered Hanel Data Center's Surveillance System in Vietnam

Country: *Vietnam* 

Vertical Market: *Enterprise*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP IR Bullet Camera*

ACM-4201 Megapixel IP Cube Camera

ACM-8511 IP PTZ Camera



Background

Hanel Data Center is at Sai Dong Industrial zone, Ha Noi Capital, Vietnam. (<http://www.hanelcom.vn/>). It is a joint venture between Hanel Com and CFS Joint Stock of Malaysia. It was built in 1300 met square at Sai Dong Industrial zone, Ha Noi Capital. Hanel Data Center has the ability to contain 150 server cabinets with high standard network infrastructure.

Solution

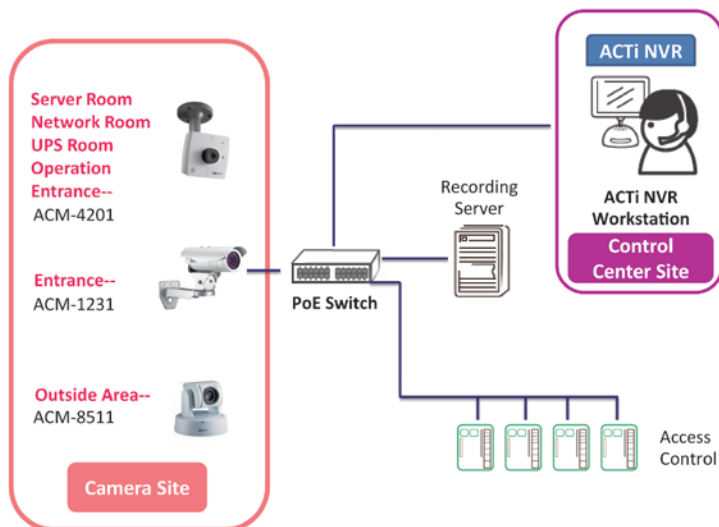
ACTi offers complete product line for different vertical markets. 15 units of ACM-4201, Megapixel IP Cube Cameras, were installed at the server room, network room UPS room and entrance. The compact appearance of ACM-4201 to presents a clean look of the building surveillance. ACM-1231, Megapixel IP IR Bullet Camera, was used for the entrance monitoring and selected for the reason of giving clear video image even at night mode. ACM-8511, IP PTZ Camera, was chosen to secure the outside area. With 10x optical zoom, it provides much better monitoring view than a normal fixed camera. The main reason choosing ACTi was the best price given with a good video quality for the data center.

Benefit

ACTi Unified Solution helps to secure Hanel Data Center. The security guard can now monitor every place from the control center room. Besides, the customers also integrated the access control with

ACTi surveillance system to ensure there is no blind spot.

Giang Viet System Integrated Company uses ACTi IP cameras and ACCS to increase security for Hanel Data Center. Also, the ACTi Professional NVR software is 64ch FREE, which solves customer's budget concern in this project.





ACTi Unified Solution Secures the Compagnie Mauricienne de Textile Ltée in Mauritius

Country: **Mauritius** 

Vertical Market: **Enterprise**

Software: **ACTi NVR**

Product: **ACM-1231 Megapixel IP Bullet Camera**
ACM-3411 Megapixel IP Fixed Dome Camera
ACM-3511 Megapixel IP Fixed Dome Camera
ACM-4001 IP Cube Camera

Background

The Compagnie Mauricienne de Textile Ltée (CMT) is one of the leading vertically integrated garment manufacturers in the world. Headquartered in Mauritius, CMT specializes in fast-fashion jersey-wear for high-street retailers in Europe and the US. CMT has the largest vertically-integrated manufacturing plants in the Sub-Saharan region and is known for its marked investment in world-class facilities and state-of-the-art operations.

Solution

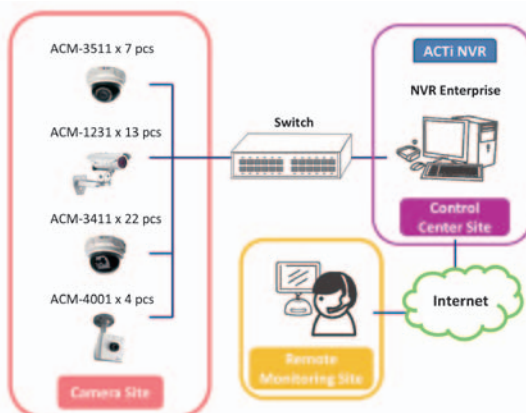
The CMT has over 200 units existing analog cameras in the factory and they have refurbished the headquarter office. With existing network cable, L2+L3 switch can reduce overall infrastructure cost and also be easily managed. Meanwhile, facial identification is important for CMT due to over 10,000 employees working in the factory. According to the past experience, CMT realized it is difficult for D1 resolution analog camera to achieve the requirement.

As for remote site office management, video transmission bandwidth is the main concern for system setup. ACTi IP cameras can adjust different frame rate, bit rate, video quality to solve the bandwidth limitation concern for CMT IT dept. Eventually, 22 units of ACM-3411 Megapixel IP Fixed Dome Cameras, 7 units of ACM-3511 Megapixel IP Fixed Dome Cameras, 13 units of ACM-1231 Megapixel IP Bullet Cameras, and 4 units of ACM-4001 IP Cube Cameras installed at the office area and demo room, managed by ACTi NVR Enterprise software. Phase 2 and 3 of the installation will be started when the refurbishing work is done.

The unified solution architecture is another reason CMT chose ACTi. Others include the stability, compatibility and the most important, for single contact window to reduce time consuming if any possible critical issue happens. The entire system is deployed according to the highest standards, in order to protect CMT's valuable data and properties.

Benefit

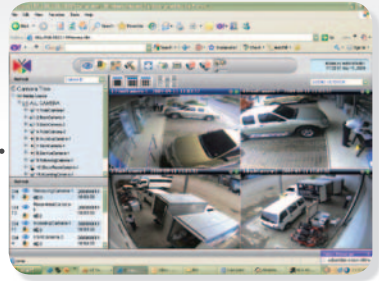
ACTi cameras provide Megapixel picture quality which is easy to do the facial identification. By leveraging the existing network equipment, CMT can save the infrastructure cost of installing IP surveillance. Besides, ACTi NVR has high flexibility for future expansion which is cost saving for the customers. Moreover, the UI of ACTi NVR is very user-friendly, it is easy for user to do the live view, playback, and to export the footage. Supervisors or administrator can monitor remotely as long as they log in the NVR web client via Internet Explorer. Distance is no longer and obstacle of security monitoring.



M1 Business Center Adopted ACTi IP Surveillance for the Overall Security

Country: *Philippines* 
 Vertical Market: *Enterprise*
 Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*
ACM-3311 IP Fixed Dome Camera
ACM-3411 Megapixel IP Fixed Dome Camera
ACM-3511 Megapixel IP Fixed Dome Camera
ACM-4201 Megapixel IP Cube Camera
ACM-7411 Megapixel D/N Vandal proof IP Fixed Dome Camera
Fixed Dome Camera
ACM-8211 IP PTZ Camera



Background

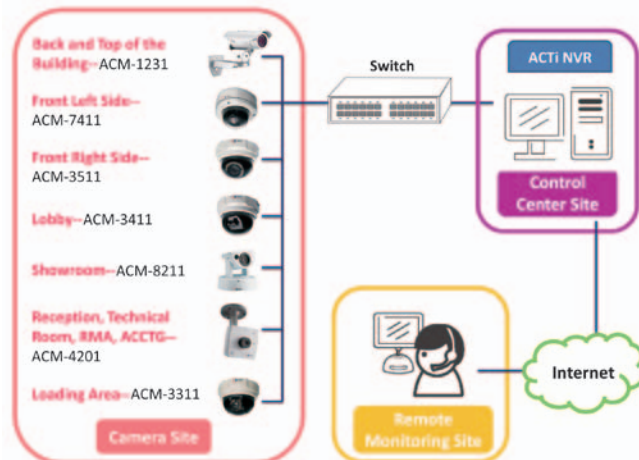
ACTi's partner in Philippines, MDR Microware Sales, Inc., successfully implemented IP surveillance system into M1 Business Center, a seven floors building located on Ouano Avenue , Mandaue City, right in the heart of metropolitan Cebu.

Solution

Megapixel PoE IP Cameras were installed in the building. The choice of PoE was made to get rid of electrical cabling to save the cost of coaxial cables. ACM-1231 Megapixel IP Bullet Camera with day and night function and IP66 casing were installed at the back and roof top of the building. ACM-7411 Megapixel D/N Vandal proof IP Fixed Dome Cameras were installed at the front. ACM-8211 IP PTZ Cameras installed in the showroom and ACM-4201 Megapixel IP Cube Cameras were installed in the offices, releasing and receiving sections. ACM-3311 IP Fixed Dome Camera was also installed in the unloading and loading area, Management and recording is done by ACTi NVR installed in a video server which can be accessed via internet.

Benefit

The purpose of installing IP surveillance system is to secure and monitor the premises of the building. Remote access of the surveillance system from the internet explorer offers much convenience for the end users. The supervisor and the security guard can monitor this building from anywhere they want. Besides, the IP surveillance can save the cost of the cabling. Moreover, ACTi unified solution provides a complete service to satisfy customers' needs in both hardware and software. Monitoring can be done anywhere at any time with IP Camera technology.





Portuguese Shopping Centers Ensured Safty with ACTi IP Solution

Country: *Portugal*



Vertical Market: *Enterprise*

Software: *AVerMedia*

Product: *ACD-2100 1-channel Video Encoder*

ACM-3311 IP Dome Camera

ACM-5711 IP Box Camera

ACM-7411 Megapixel IP Fixed Dome Camera

CAM-6500 Speed Dome Camera

Background

ACTi and its local business partner, Afroluso II has recently installed a successful security system in 2 big shopping malls in Portugal. This project was specified for a competitor of ACTi's but then decided to use ACTi as the final camera provider. The reason that the end user chose ACTi as the camera provider was due to its superior advantage at product quality with an attractive price offering. The choice of using ACTi IP Cameras resulted in the increasing quantity of the cameras to make the whole system more reliable yet without extra budget expenditures.

Solution

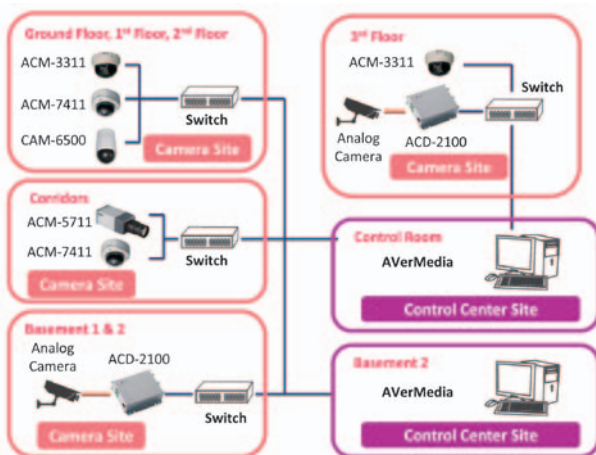
There was a need for a hybrid solution because some of the specified cameras were analog cameras (Speed-Domes for parking surveillance). But once again, ACTi turned out to be an ideal manufacturer because of its ability of offering complete product categories, including video servers and decoders. To migrate the analogue signals into IP-based system, ACTi ACD-2100 1-channel Video Encoder is perfect for this case. The entire system consists of 38 units of ACM-3311 3-inch IP Dome Cameras and 13 units of CAM-6500 Speed Dome Cameras for the shopping mall gallery. 17 units of ACM-7411 Megapixel Dome Cameras and 6 units of ACM-5711 Box Cameras for technical corridors of the shopping mall. 20 units of ACD-2100 1-channel Video Encoders for the parking to convert analog signals from the speed domes to the control room.

The installation was based on a distributed network which is dedicated and built for the CCTV system. On each floor (5 floors in total), one 24x10/100 PoE and two Gigabit Port switches were connected to a central switch (full gigabit ports and connections) that feeds the NVR Servers and Workstations. All cameras (except Video Encoders) are PoE powered.

Benefit

For recording solution, four x 32 channels NVR servers with 3TB storage capability per server were installed. The software partner selected was AVerMedia that also established a partnership with ACTi to continue integrating the new cameras and products.

In conclusion, after the startup, the system was running on testing stage for 2 weeks before enter on normal working period, the customers are very satisfied with the video quality offered by ACTi products. Once again, the result just proves that choosing the unified solution from ACTi is a "wise decision".



FPT Corporation Chose ACTi IP Surveillance Solution in Vietnam

Country: *Vietnam* 

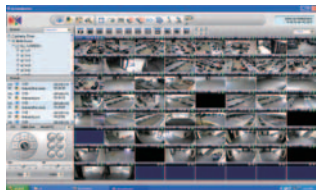
Vertical Market: *Enterprise*

Software: *ACTi NVR*

Product: *ACM-3211 IP Dome Camera*
ACM-3511 Megapixel IP Fixed Dome Camera



Background



FPT Group held the opening ceremony of FPT Da Nang office building in Massda Industrial Park, Da Nang City with total area of 1800 square meters.

FPT Da Nang office building has 5 stories, providing working place for 1,200 employees. FPT Group officially opened its branch in Da Nang City since August 2004, and up to now there are about 700 employees with total revenue of over 1.2 trillion dong in 2009.

In the coming time, the group will continue investing \$1 billion for construction projects in 181-hectare FPT City, including a software park, FPT University and a residential quarter, which is 7 kilometers away from the city.

Bui Thien Canh, head of FPT Da Nang representative office stated that the construction of FPT Da Nang building showed the group's commitment to information technology investment and development.

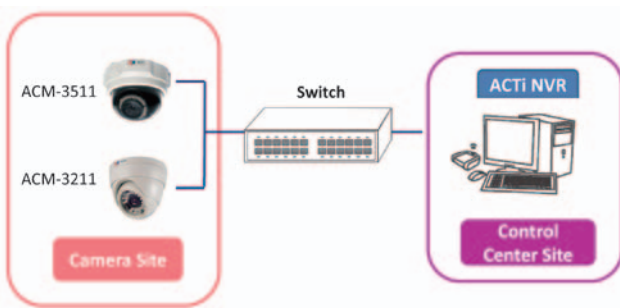
Solution

The company building and surroundings installed 35 pieces of ACTi ACM-3511 Megapixel IP IR Fixed Dome Camera and 23 pieces of ACTi ACM-3211 IP IR Fixed Dome Camera to secure the staff safety and the company properties. Along with ACTi NVR, they can easily monitor each place in the building from the security room. The safety of the building is guaranteed.

Benefit

ACTi offers the best price/performance ratio on full product range, which helps Khai An Co., Ltd to sell ACTi IP solution to end user easily. Moreover, ACTi online project registration and their project support team help Khai An on project design and preparation in advance. Products lead time and delivery schedule are definitely not issues for ACTi.

Besides, the customer uses all software and hardware from ACTi because it reduces their commissioning test spend and it's easy to install when using ACTi unified solution.



"ACTi sales and support team are always with prompt response for my questions and needs. We are satisfied with ACTi services." Nguyen Thuan, the director from Khai An Co., Ltd.



Mutual Trusted Bank Ltd. Headquarter Choosing ACTi Security Solution in Bangladesh

Country: *Bangladesh* 

Vertical Market: *Financial Service*

Software: *ACTi NVR*

Product: *ACM-1511 Megapixel IP Bullet Camera*
ACM-3401 Megapixel IP Fixed Dome Camera
ACM-3511 Megapixel IP Fixed Dome Camera

Background

The Mutual Trusted Bank Ltd. moved into a new headquarters building and was looking for a better IP surveillance security solution to secure areas such as office, bank accouter, and their highly secure data center. Meanwhile, multi-location office and ATM system surveillance system are basic requirements that need to be considered. Also, the new IP-based system must be able to allow remote monitoring and centralized management at headquarters.

Solution

Data center of bank headquarters and office area have good internet infrastructure setup. Running IP cameras on existing networking setup can thus reduce overall infrastructure cost. Besides, as power went-off issue happens every day, UPS (Uninterruptible Power Supply) centralization at data center and server room can secure all the important data, video image...etc and ensure PoE switch can function as usual when power shuts down.

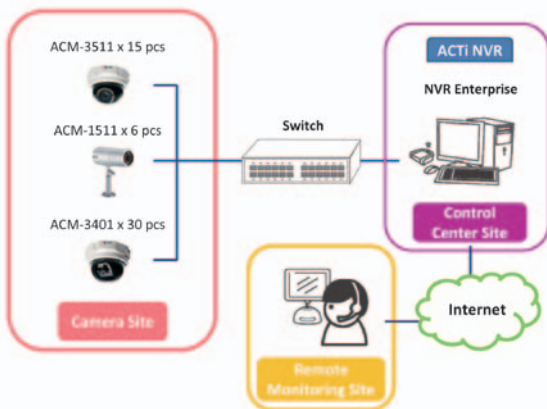
As for remote site office management, video transmission bandwidth is the main concern during system setup. ACTi IP cameras can adjust different frame rate, bit rate, video quality...etc to solve bandwidth limitation in Bangladesh. Eventually, 30 units of ACM-3401 Megapixel IP Fixed Dome Cameras installed at office area, 6 units of ACM-1511 Megapixel IP Bullet Cameras installed at data center, and 15 units of ACM-3511 Megapixel IP Fixed Dome Cameras installed at office area with ACTi NVR Enterprise software.

The ACTi unified solution is another reason that Mutual Trusted Bank Ltd. adopted the solution, others include the stability, compatibility and the most important, for single contact window to reduce time consuming if any possible critical issue happens. The entire system is deployed based on the highest standards, in order to protect the data at Mutual Trusted Bank Ltd.

Benefit

ACTi cameras provide Megapixel picture quality which is easy to do the facial identification. Besides, ACTi NVR has high flexibility for future expansion which is cost saving for the customers. Moreover, ACTi NVR's UI is very user-friendly, it is easy for user to do the live view, playback, and even export the footage. Supervisors or administrator can monitor remotely as long as they log in the NVR web client via Internet Explorer. Distance is no longer an obstacle of security monitoring.

"We are very happy with the ACTi unified solution now. It has helped us to reduce theft and human resource costs. The IP surveillance is way too ideal for this site than tying and routing the coaxial cable all over here. The entire site is very manageable from a maintenance perspective. Most importantly, we are delighted with the quality of pictures and the ease of use of the export footage and playback function", says Md. Shah Alam Patwary, Chief Information Officer, Mutual Trust Bank Ltd.



ACTi IP Solution Empowered Bursa Malaysia (KLSE) System in Malaysia

Country: *Malaysia* 

Vertical Market: *Financial Service*

Software: *ACTi NVR*

Product: *ACM-3001 IP PoE Fixed Dome Camera*
ACM-3311 IP IR 3-inch Dome Camera



Background

Bursa Malaysia previously known as Kuala Lumpur Stock Exchange (KLSE, Bursa Saham Kuala Lumpur in Malay) dates back to 1930 when the Singapore Stockbrokers' Association was set up as a formal organization, dealing in securities in Malaysia. It is an exchange holding company approved under section 15 of the Capital Markets and Services Act 2007. It operates a fully-integrated exchange, offering the complete range of exchange-related services including trading, clearing, settlement and depository services.

Solution

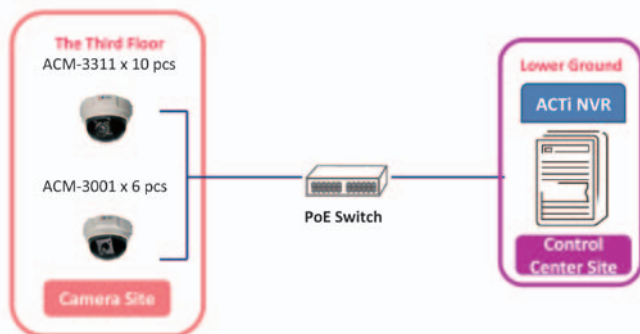
Playing an important role as an exchange holding company in Malaysia, Bursa Malaysia has ACTi IP surveillance to secure the building and property. 10 pieces of ACM-3311 IP IR 3-inch Dome Cameras and 6 pieces of ACM-3001 IP PoE Fixed Dome Cameras were chosen.

Both models are equipped with Power over Ethernet (PoE), which enable electricity delivery to cameras via the same Ethernet cable used for network video transmission. The entire installation on ACTi IP surveillance solution ensures KLSE to get the most effective use of available functions with the least cost expense. Besides, ACM-3311 is equipped with Mechanical IR cut filter and IR LED, which means it is capable of delivering high-quality video with a wealth of details even in a low-light condition. With ACTi NVR, the building is secured 24 hours without interruption! ACTi provides visual monitoring inside the KLSE data center room, server room, network storage room, communication room, consultant area and etc.

Benefit

The reason that KLSE chose ACTi is that the company offers a full range of IP cameras and they are easy to implement. Another reason is the client server architecture of ACTi NVR. It makes the management much easier. The customer can manage their servers from another location by using Web Client function via Internet Explorer. This is very powerful in centralized camera settings.

Thanks to ACTi, KLSE now is well-protected by the IP surveillance system which is very cost-effective and performed with high quality.





ACTi and Milestone Cooperate to Provide High Security for Sofia Municipality in Bulgaria

Country: **Bulgaria** 

Vertical Market: **Government**

Software: **Milestone**

Product: **ACM-1432 IP Bullet Camera**

ACM-3401 Megapixel Dome Camera

CAM-6610 18x Zoom IP Speed Dome Camera

Background

Sofia Municipality chose ACTi as the technical security solution provider. It is an important state institution as this is the governing center for Bulgaria's capital with total population of around 2 million people. This is also the official building where the Mayor of Sofia works and where he meets official visitors and important guests.

The building also houses several social institutions and organizations which citizens can file their complaints, petitions and other documents. The increasing flow of visitors and the importance of the institutions situated inside have led to the decision of using a modern video surveillance solution covering the entire area. ACTi's local partner, Sectron Ltd offered a professional, comprehensive IP video system having in mind following two main reasons.

Solution

The Municipality had previously installed a modern Ethernet network which could accommodate the IP video traffic required. "The installation works have been reduced to minimum by using the existing network. This indeed gives the end user a significant cost benefit," said Rumen Palmov, Sales Manager of Sectron Ltd.

Benefit

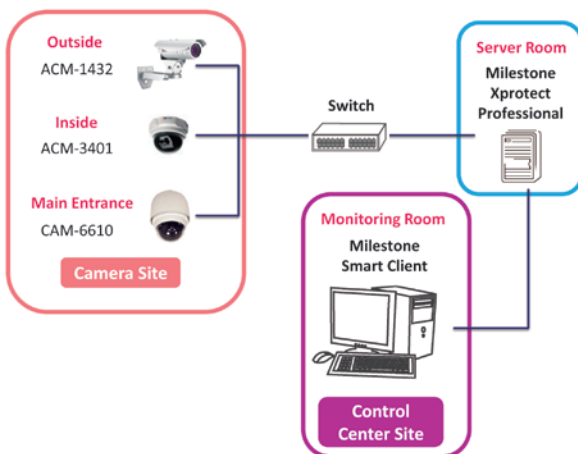
The flexibility for expansion is another reason. Various cameras are planned to be added to the system according to the future needs of the institutions and agencies located in the Sofia Municipality building. "We know a sophisticated IP video system is the only possible way to have high flexibility for future expansion," commented the Chief Security Officer of Sofia Municipality.

ACM-1432 IP Bullet Cameras are weatherproof and equipped with IR LED. These were chosen for the outside perimeter of the building. ACM-1432 has the CCD element with high sensitivity which is the perfect choice for overall surveillance during night time. The integrated IR illumination further expands the performance of the cameras in every weather situation no matter at day or night times.

CAM-6610 IP Speed Dome Camera was installed on top of the main entrance giving an excellent panoramic view on the street in front of the building with a capability of 18X optical zoom. The implemented Sony ExView HAD provides very good sensitivity and white balance.

The inside of the main entrance is secured by ACM-3401 Megapixel Dome Camera, which has a discreet, unobtrusive design, but gives a clear view on any person entering the building.

The recording and the management of the system is organized by a PC server with Milestone XProtect Professional, providing a powerful IP management platform with future expansion capability. Another PC workstation is used for live monitoring and playback.



ACTi Corporation Allied with Greystones Wireless Network to Save Town Council Thousands

Country: *Ireland*



Vertical Market: *Government*

Software: *Milestone*

Product: *ACM-5611 Megapixel IP Box Camera*



Background

With the tightening of government budgets, local governments are faced with the challenge to save money on town security but not compromise on quality of service. A major hurdle for local governments to overcome is to install video surveillance in built up town centers or areas where it is too costly or physically impossible to reach with additional cabling.

Solution

A recent town security installation in Greystones, Co. Wicklow, deployed a 5 GHz wireless security solution that overcame these barriers. GVD worked with Custodian Electronic Security Solutions to devise a wireless system that extended over 3km, connecting security cameras in a car park monitoring for theft with cameras in the recycling area surveying for illegal dumping and with security cameras in the town centre monitoring for anti-social behavior. Vincent Byrne, Civil Engineer Technician, Wicklow County Council Greystones Area Office, specified the project and is very pleased with the installed IP security system. The disruption to the town and the cost of laying cable would have made this project financially impossible.



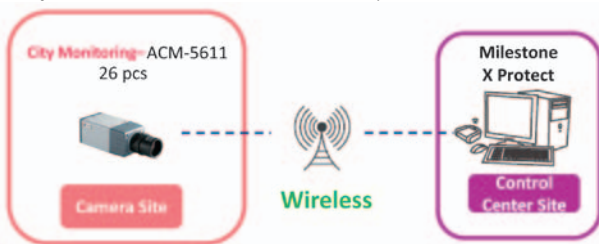
26 pieces of ACM-5611 Megapixel IP Box Cameras were chosen for this project. By using a smart IP security solution, the entire installation cost one tenth of a traditional fiber network and resulted in a 90% cost saving. Such cost savings are increasing the demand amongst local governments for more and more wireless solutions.

Benefit

For Town Centre security, the main advantages of choosing ACTi is because of the Megapixel picture quality for superior image quality and license plate recognition. Secondly, ACTi cameras deliver pay back on investment by issuing illegal dumping fines with clear evidence. Thirdly, wireless networking to minimize disruption and maximize budget. Moreover, ACTi's open platform enables the Milestone software to integrated with ACTi cameras to watch live footage and playback simultaneously

"The quality of the image in the live picture and in particular on recorded images with the non-pixelation of the images on zoom, are the best features of the Megapixel cameras", according to Declan Greene, Managing Director of Custodian Electronic Security Systems. "Furthermore, Greystones Town Council, were able to protect their investment in the existing analogue cameras, by

converting these to IP using video encoders. The wireless solution is very robust, giving the Town Council rock solid connectivity over a wide area without recourse to civil engineering costs, making this security solution a viable option when budgets are tighter."





ACTi IP Surveillance Protects the Rescue Unit of the State Fire Brigade in Bytów, Poland

Country: **Poland**



Vertical Market: **Government**

Software: **Alnet**

Product: **ACM-1431 IP Bullet Camera**

ACM-1511 Megapixel IP Bullet Camera

Background

ACTi's Polish distributor – FEN and System Integrator – Infonet provided ACTi IP cameras and Alnet Systems software for this project. Monitoring of Rescue Unit by the primary unit of the State, Fire Brigade in Bytów, when dispatch the crew into rescue action.

Dispatcher of State Fire Brigade in Bytów must have possibility to remotely view facility by the cameras after the crew dispatch from another city, Miastko. For example, checking all crew left the unit for action or if the facility is properly closed (the gate) prior to unauthorized access from outside.

Solution

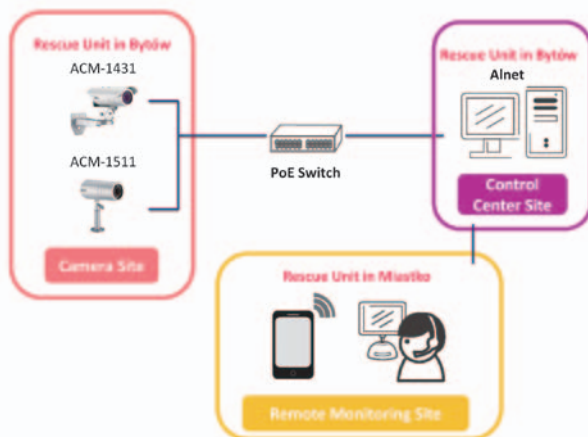
The image is recorded continuously on the local recording server for 4 pieces of ACTi ACM-1431 IP Bullet Camera and 2 pieces of ACM-1511 Megapixel IP Bullet Camera, based on the motion detection. Video recording was carried out by using PC software, Alnet VDRS Professional, which allows authorized persons to access the preview and on-line archive of both computers in Fire-Fighting Unit of Bytów and Miastko. Another possibility to access video server is using phones running on the Symbian platform S60, such as Nokia N95.

Benefit

In the Fire-Fighting Unit in Miastko, upload bandwidth was raised up to 1Mb, to enable faster picture transfers. Simultaneously, the frame rate is 3 frames per second in order to limit network bandwidth required by monitoring system. All cameras equipped with infrared LEDs, allow viewing and recording images in the dark (the camera will automatically switch to black and white mode).

The installation was made in PoE technology for cable category 5e, which saves resources and cuts cost by using one of ETH cable pairs for power supply. The appearance of such installation is much more professional (lack of local power suppliers to power cameras), and is also easier in maintenance. An additional advantage is central power (from the PoE switch) that can be easily equipped with an emergency power supply unit, like UPS, which is planned in the next stage of installation. Megapixel cameras were installed inside the building in order to acquire best picture quality. The main reason for using Megapixel cameras is possible to enlarge images in emergency situations, obtaining clarification of the items.

IP addresses of cameras and recorders are set to static mode in order to prevent accidental change of equipment addressing, and interruptions in image recording. Recording mode is configured according to the following procedure: when hard disk is full system will delete oldest recordings automatically, making space for new recordings. Recorder is also configured to achieve tolerance for power failures, when PC is restarted, it will automatically start recording software.



ACTi IP Camera Gives "Vision" to the MARCBOT

Country: *United States* 
 Vertical Market: *Government*
 Product: *ACM-1311 IP Bullet Camera*



Background



The Multi Function Agile Remote-Controlled Robot, or the MARCBOT, is a small robotic platform aimed at inspection of suspicious objects during IED Sweeps. IED, or an improvised explosive device (IED) is a bomb partially comprised of conventional military explosives, such as an artillery round, attached to a detonating mechanism. IEDs may be used in terrorist actions or in unconventional warfare by guerrillas or commando forces in a theater of operations. The MARCBOT is provided as a remote inspection platform allowing soldiers to achieve stand-off & remote observation at distances greater than 100 meters when trying to determine if an object is an IED.

Solution

As a key component integrated into the MARCBOT, the ACTi IP camera, model ACM-1311N, with low-light image sensor and LED arrays helps to provide real time video feeds back to the operator of the MARCBOT, even during nighttime missions. With the Pan/Tilt and height adjust mechanism of the MARCOBT, the ACTi IP camera can be extended nearly four feet in the air and maneuvered to look into cans and over burlap sacks. With the efficient MPEG-4 encoding on the ACTi IP camera and the SoC based processor, clear video can be streamed wirelessly to the operator.





Automatic Issuance Center, Yemen Deployed ACTi Unified Solution for Building Surveillance

Country: **Yemen**

Vertical Market: **Government**

Software: **ACTi NVR**

Product: **ACM-1311 IP Bullet Camera**

ACM-1431 IP Bullet Camera

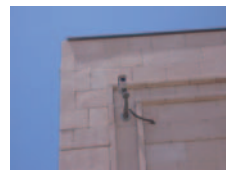
CAM-6510 MPEG-4 IP Speed Dome Camera

CAM-6620 MPEG-4 IP Speed Dome Camera

CAM-7221 MPEG-4 IP Fixed Dome Camera

Background

ACTi's Partner in Yemen, A2Z Solutions & Services, has successfully helped Automatic Issuance Center to complete a pure IP surveillance System. Automatic Issuance Center is a significant, governmental organization which issues Passports, Identity Cards and personal documents. It has been set up since 2008 in Sana'a downtown. The center is led by well-educated and professional police officers. The government encourages the citizens to go to the center and fulfill all their needs.



With a large number of citizens entering the center every day, Automatic Issuance Center needs to ensure their safety and makes sure there is evidence video supported in case any illegal activities occur.

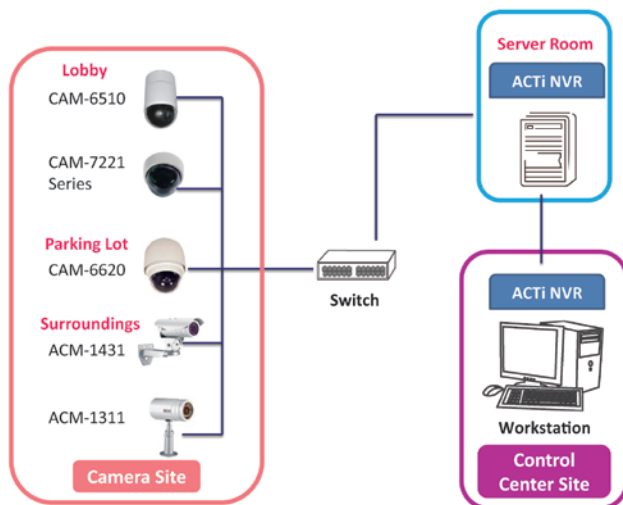
Solution

ACTi IP Speed Domes Cameras and CAM-6620 and CAM-6510 were installed to monitor outside perimeter of the building and the parking lot due to its superior ability of 360-degree endless travel range. Also, ACTi ACM-1311 Indoor IP Bullet Cameras and ACM-1431 IP Bullet Cameras as well as CAM-7221 IP Fixed Dome Cameras are used for indoor lobby monitoring. In addition, with the streaming-engine function supported by ACTi 64-channel Management Software, NVR Enterprise, the security guards and the management staff are allowed to enjoy real-time monitoring at anytime, anywhere.

Benefit

Since the new IP-based system delivers recorded video data via Internet, it enables all the authorized users to view the live videos via Internet.

ACTi provides Unified Solution with hardware products ranging. According to different budget requirement, ACTi provides full product line from low cost, entry level, mainstream to high end. Each product line supports 30/25 fps at low bit rate. ACTi guarantees the high video quality while taking care of customer's budget concern.



Aero India Show 2009 Ensured Smooth Running with ACTi Unified IP Surveillance Solution

Country: **India** 
Vertical Market: **Government**
Software: **ACTi NVR**
Product: **ACM-4000 IP Cube Camera**
ACM-8511 IP PTZ Camera



Background

Aero India is an air show that takes place biennially in Bangalore, India at the Yelahanka Air Force Station. As one of the premier aviation exhibitions in Asia, the show was first held in the year 1996 and has got the reputation of being the fourth largest air show in the world. It is managed jointly by the Ministry of Defense and the Confederation of Indian Industry; it has emerged out as a niche on the international arena as a renowned aerospace exposition.

The five-day Aero India 2009 was held at Indian Air Force station Yelahanka. There are participations of 592 companies from 25 countries -- 303 international and 289 India. Over two million visitors attended the show. This includes fifty thousand business visitors. During these events there is the possibility of many security issues that can occur in public. These range from trespassing, theft, arson, riots or acts of public disorder.

Solution

For the Ministry of Defense, managing safety was a challenging task. Network Video was an essential tool that was implemented for monitoring the Yelahanka Air force station. Efficiency was greatly enhanced through the use of Network Camera Solutions. To meet the highest security standards, ACTi's partner in India, BSW Soft, has successfully provided an IP surveillance solution using ACTi NVR Professional Software to provide an apt solution for this very important event. Implementation of the solution was done by BSW partner Guardian Inc, Bangalore.

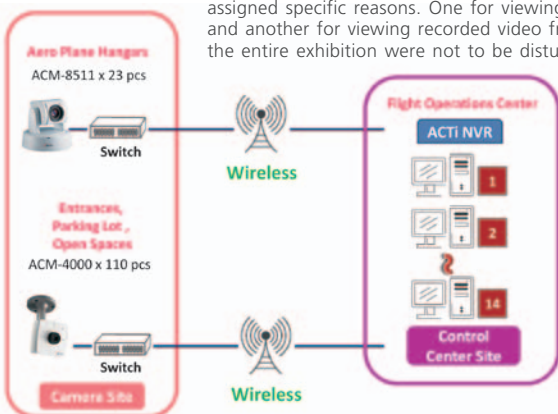
Site surveys were done few months ago before the exhibition. The site survey indicated the need for both fixed cameras and cameras with Pan/Tilt/Zoom capability. 110 pieces of ACM-4000 IP Cube Cameras were installed in the aero plane hangars which doubled as exhibition halls and other specific positions to provide detailed images for monitoring of those areas. Another 23 pieces of ACM-8511 PTZ Cameras were set up in the front and back entrances, parking lot and other open spaces. ACTi NVR Professional Software with ACTi IP cameras was adopted to ensure the safety for every corner of the Yelahanka Air force Station.

Benefit

The control room for video surveillance was situated within the Flight Operations Center (FOC) and was to be manned during all hours before, during and after the exhibition times. Fourteen ACTi NVR servers were used and there were 14 monitors displaying all the connected cameras at all times. Another 2 systems were assigned specific reasons. One for viewing live-feed from any particular server/camera, and another for viewing recorded video from any server/camera, as the live viewing of the entire exhibition were not to be disturbed.

The entire recording was done using a Storage Area Network (SAN). The control room was manned at all times by people from different government departments. There would always be one soldier from the Special Forces, one official from the Intelligence Bureau and 3 officers from the Indian Air Force in addition to the 2 camera operators. During the course of operations, the surveillance system assisted in crowd management, preventing vandalism or theft and also helped unite a family with a lost child.

Using the IP Video Surveillance solution from ACTi, ACTi and BSW ensured the smooth running of the AERO INDIA 2009.





Wireless Surveillance Provides Public Safety in the West Coast of Italy

Country: *Italy*

Vertical Market: *Government*

Software: *ACTi NVR*

Product: *ACM-5611 Megapixel IP Box Camera*
ACM-8211 Megapixel IP PTZ Camera

Background

Sailing south along the west coast of Italy, Marina di Acciaroli is an enchanting destination for tourists, travelers and sea lovers. Surrounded by cultural treasures, historical heritage and natural beauty, its waters have been awarded as one of the most pure and sharp within Italian coasts, recalling guests from anywhere and becoming a well-known bathing resort.

A strong public program has recently inaugurated a new season for Marina di Acciaroli, dealing with the redevelopment of the old harbor and with the construction of new moorings, sites to be assigned to shops or offices and new special services for tourists and fishermen.

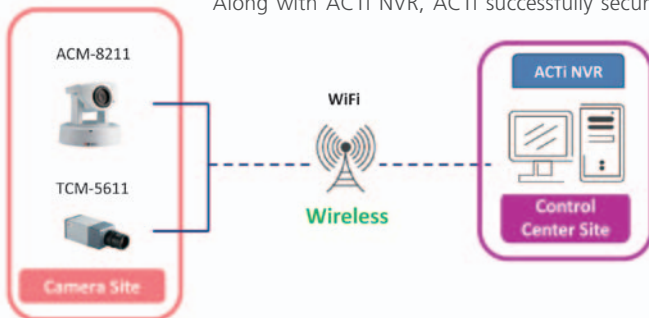
Solution

This program included also the deployment of an advanced video surveillance system for the public safety and goods protection within the harbor area. The project involved the use of 14 ACTi Megapixel Cameras along with the video management software Video. The server station is located at a central office where one 5Ghz Wi-Fi HiperLan base station is equipped with two 90 degrees antennas and creates a 180 degrees wireless campus, enabling the connection to all the installed cameras through a point-to-multipoint wireless system.

Benefit

All the cameras were outdoor mounted and displaced along the harbor pier. For this project have been used 10 units ACTi ACM-5611 Megapixel IP Box Cameras combined with wide angle lenses and IP66 aluminum enclosures. The use of Megapixel resolutions allowed monitoring the whole area with only 14 cameras at the same detailed quality of 20 analogue cameras. Furthermore, the combination of Megapixel IP cameras with wireless antennas from our partner, who makes it possible to connect any IP cameras to a wireless based video system, which highly reduces cabling issues and costs. The use of wide angle lenses was meant to widen up fields of view, performing a constant control on the docks and ensuring a high level protection to people and ships. 4 units of ACTi ACM-8211 Megapixel IP PTZ Cameras completed the project delivering a total overview of the surrounding areas near the harbor.

Along with ACTi NVR, ACTi successfully secures the old harbor of Marina di Acciaroli.



After the success of this project and the satisfaction expressed by the local authorities and law enforcements, it's already planned to expand the new video surveillance system to other areas of the town. This is only possible because of the high scalability offered by an IP surveillance system.

ACTi IP Cameras Take Good Care of Babies in a Hospital in Dresden, Germany

Country: **Germany** 

Vertical Market: **Health Care**

Software: **ACTi NVR**

Product: **ACM-4201 Megapixel IP Cube Camera**



Background



If baby comes too early into the world, a longer stationary stay of the baby in the hospital is necessary to minimize further health risks. For parents, this is an arduous and emotional waiting time.

Solution

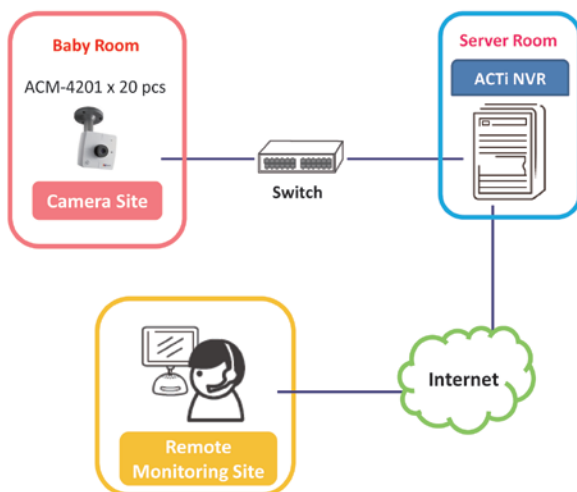
This behavior was the reason for the University of Pediatric Clinic to Dresden to implement the "Baby TV" idea into their hospital infrastructure. The ACTi ACM-4201 Megapixel IP Cube Cameras with its decent design and its fantastic video performance, and the ACTi NVR was the perfect solution for this very special application.

Benefit

The implementation of a video surveillance at 20 baby care places at the university clinic facilitates. This helps the parents and the baby to have more intensive contact before the baby can leave the incubator

Studies from the US and Netherland scientists confirm that parents feel safer by the remote video connection. Furthermore, the work loading of local nurses can be minimized if the parents can see and hear their baby immediately without having to call the nurse in the hospital everytime.

Parents and other family members - whether in Dresden, Taipei or Toronto – can enjoy the high video quality of the ACM-4201 over a website. They just have to enter their username and password and they are able to admire their new family member from locations all over the world. They welcome this service, which is put to them free of charge over the Internet.



The ACTi camera solution was installed by EDP System Kriegel. The reasons of choosing the ACM-4201 were the detailed Megapixel video quality, the small form factor with a decent design, the easy installation and the competitive price. EDP System Kriegel has already finished a similar project at the Charité hospital in Berlin and will continue to deploy the ACTi solution for premature baby surveillance in more and more hospitals all over Germany.



ACTi Cameras Guard the Narayana Hrudyalaya Hospital in India

Country: **India** 

Vertical Market: **Health Care**

Software: **ACTi NVR**

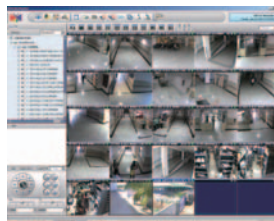
Product: **ACM-1231 Megapixel IP Bullet Camera**

ACM-4000 IP Cube Camera

ACM-8511 IP PTZ Camera

Background

The Narayana Hrudyalaya Hospital located in Bangalore, India, is world-renowned for being one of the world's largest pediatric heart hospitals. It receives patients from all around the world and has performed over 15,000 successful surgeries. It is also a world-leader in telemedicine, and is also known for being more efficient than nearly any other hospital in the country, and even in the world.



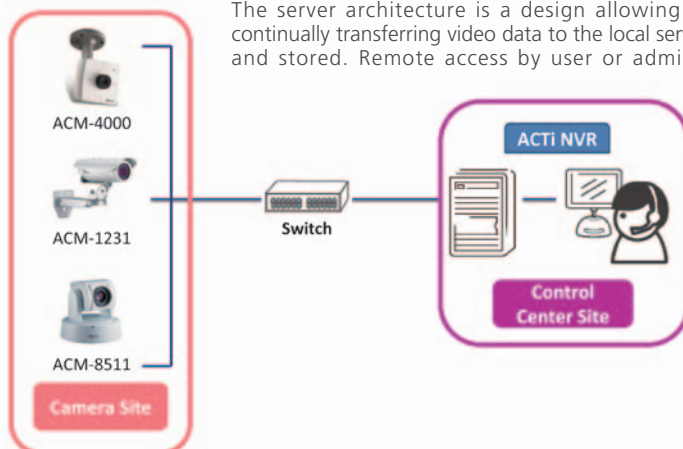
Solution

The hospital needs an enterprise level security solution for their facility to ensure the safety of their patients. They wanted to be able to monitor the large hospital premises so as to respond to incidents in a quicker and efficient way. The objective was also to analyze incidents and try to avoid in the future. For this task, ACTi unified solution was chosen to assist in the implementation of a surveillance system for the hospital.

To meet this end, 49 ACTi cameras were installed. Cameras were installed both inside and outside of the hospital to effectively watch over the entire facility (ACM-4000 IP Cube Camera, ACM-1231 Megapixel IP Bullet Camera, ACM-8511 IP PTZ Camera with IP-66 housing).

The ACM-4000 cameras have been placed within different areas of the hospital for maintaining the well-being of the patients and increasing the operational efficiency. The ACM-1231 camera which is an IP-66 certified outdoor camera - has been installed outside of the hospital perimeter to make sure there is constant surveillance in every hour.

Benefit



The server architecture is a design allowing for all 49 cameras to be continually transferring video data to the local server where it is authenticated and stored. Remote access by user or administrator is possible after authentication by the server. They can log in the ACTi NVR web client via internet explorer to monitoring everything in the hospital. The Narayana Hrudyalaya Hospital can be assured safety and enable a proactive surveillance for the entire hospital premises.

ACTi Solution Secures Parking Place of Sint Maartenskliniek Hospital in Netherlands

Country: [Netherlands](#)
 Vertical Market: [Health Care](#)
 Software: [Mirasys](#)
 Product: [ACM-7411 Megapixel IP Dome Camera](#)
[SED-2610 8-channel Video Encoder](#)



Background

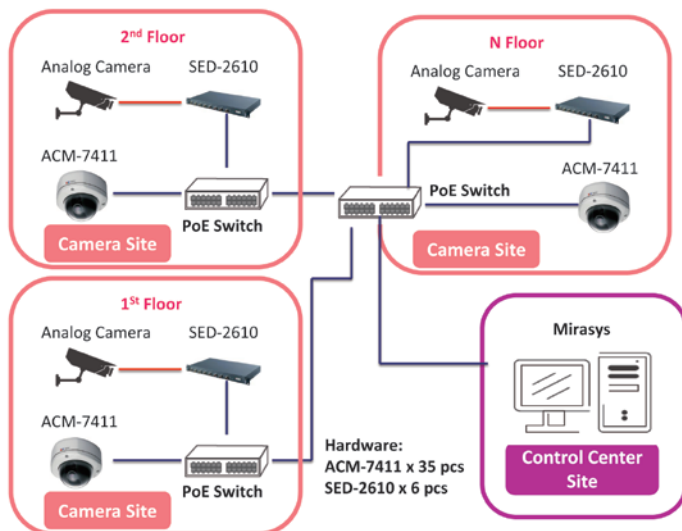
Sint Maartenskliniek is a Dutch hospital based in Nijmegen. To ensure that patients can easily reach the hospital, parking in front is very important. The hospital has an underground parking divided into 5 floors offering room to 700 cars. The parking is opened 24/7 with the entrance and exit being constantly monitored.

Solution

Distributor Xserius and System Integrator Flexposure have successfully deployed a new IP surveillance system with the implementation of ACTi products in a hospital parking located in Nijmegen the Netherlands. With ACTi 6 pieces of SED-2610 Video Encoder and 35 pieces of ACM-7411 Megapixel Outdoor Vandal Proof Dome Camera, ACTi provides a total-secured environment.

Benefit

The main purpose of deploying a new IP-based surveillance system for the hospital parking is to ensure safety and also provide a method to monitor the entrance and exit. ACTi cameras have been chosen due to their fantastic cost-effective solution, good image quality at an affordable price. ACTi's open platform enables the Mirasys to integrate with ACTi IP cameras to watch live footage and playback simultaneously. Besides, the customer does not have to discard the existing analog cameras. ACTi video encoders can transfer the analog signal into digital signal when transmitting. The customer is very satisfied with service that ACTi provided-ACTi served the high quality images and also the cost-saving solutions.





ACTi Helps to Secure the Safety of En-Zhu-Gong Hospital in Taiwan

Country: **Taiwan** 

Vertical Market: **Health Care**

Software: **ACTi NVR**

Product: **ACM-1311 IP Bullet Camera**

Background

Established more than 10 years, now En-Zhu-Gong Hospital in Taiwan decided to renew its surveillance system, to offer better services and safer environment for the patients and their relatives.

Solution

In the past, there was DVR system with analogue cameras used for monitoring in En-Zhu-Gong Hospital. However, the video quality of the analogue cameras was very poor, and it was difficult to recognize people's faces while the thieves broke in. Therefore, the management of En-Zhu-Gong Hospital decided to renew its surveillance system from DVR to IP solution, and ACTi is their only and the best choice.

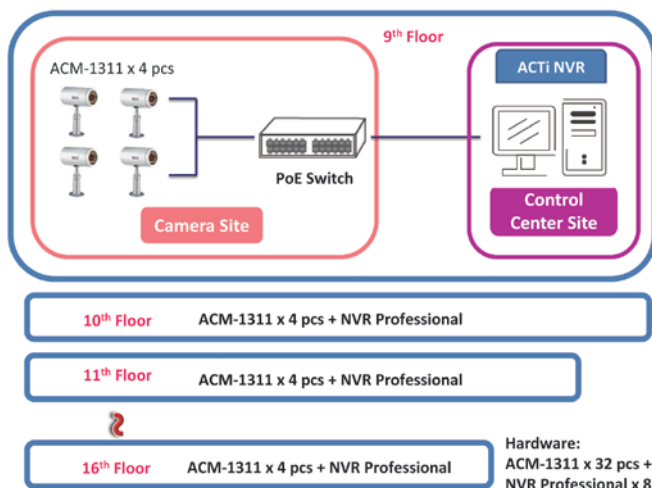


Benefit

For protecting the privacy of the patients, the goal is to install IP cameras only in the nursing service center and hallways of sickroom floors. From 9th floor to 16th floor, each floor is equipped with 4 pieces of ACTi ACM-1311 Day and Night CCD IR Bullet Camera. Also, in the nursing service center of each floor, ACTi NVR Enterprise is installed for live monitoring, video recording and management.

With IR LEDs, the night view of ACTi ACM-1311 is excellent even while the lights are all turned off. This helps a lot to prevent from the theft or the intrusion, and also to secure the safety of patients in case of any accident happens at night. Moreover, ACTi offers function-rich ACTi NVR Enterprise totally for free, for real-time monitoring and easy management. In the future, the whole system can also be expanded easily by adding Megapixel cameras or ACTi central management software, ACTi CMS.

The management of En-Zhu-Gong Hospital is very satisfied with the good performance and the cost-effective ACTi IP surveillance solution. In the following years they are planning to expand the surveillance system to the whole building, and they will definitely adopt ACTi IP surveillance solution again.



Ruby Hospital in Vietnam Chose ACTi Surveillance for Monitoring

Country: **Vietnam** 

Vertical Market: **Health Care**

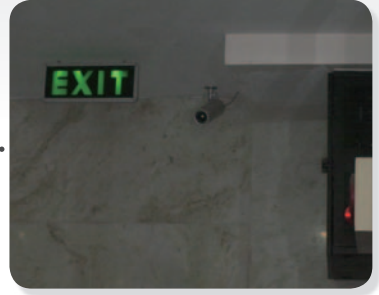
Software: **ACTi NVR**

Product: **ACM-1011 IP Bullet Camera**

ACM-3001 IP Fixed Dome Camera

ACM-3401 Megapixel IP Fixed Dome Camera

ACM-8201 Megapixel IP PTZ Camera



Background

Ruby Hospital was established in 2004. It is equipped with modern system and has a team of professors and experienced physicians. They would like to make every patient feel satisfied with the services and the professional staffs. In order to keep international standards of health care, Ruby Hospital has a team of professors, doctors, doctors who trained in Vietnam and abroad, with experience ranging from 10 to 15 years of important positions in hospitals. They always work closely to achieve the highest professional quality in all 30 medical specialties and surgery. The surgeons are great in latest surgical techniques and post anesthesia to ensure optimal efficiency in the treatment of disease.

Solution

ACTi's partner, Tanbao Information Solution., JSC successfully deployed a new IP surveillance system with the implementation of ACTi unified solution in Ruby Hospital.

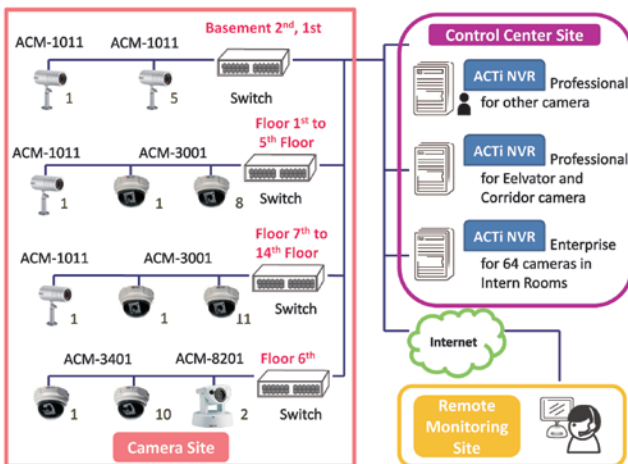
The new IP surveillance system comprises 39 units of ACM-1011 IP Bullet Camera, 120 units of ACM-3001 IP Fixed Dome Camera, 10 units ACM-3401 Megapixel IP Fixed Dome Cameras and 2 units ACM-8201 Megapixel IP PTZ Cameras. Along with ACTi NVR Professional and ACTi NVR Enterprise, ACTi unified solution helps Ruby Hospital to secure the patients' safety.

The main purpose of deploying a new IP-based surveillance system for the hospital is to ensure the safety of all the patients. It is a 14 floored building and on basement of 1st and 2nd floor there are 2 units of ACM-1011 installed to monitor visitors entering the hospital in case of any possibility the illegal activities occur, on the floor from 1st to 5th installed ACM-1001 and ACM-3001 to monitoring Elevator, Corridor and Clinic Room, from 7th to 14th use ACM-1001 and ACM-3001 to monitoring Elevator, Corridor and Intern Room, Floor 6th use ACM-3001 and ACM-8201 to monitoring Post-Operational Room and Operation Room.

Benefit

The strongest advantage of ACTi's unified solution is that it does not only provide videos in superior quality

but also offers centralized management software to help customers monitor multiple locations on one platform. Now the nurses can simultaneously monitor all the inpatients in different sites of the hospital through the NVR software instead of walking through the 14 floors of the building. All the videos are transmitted via Internet network, web clients can easily be linked to the management interface via Internet Explorer. Distance is no longer an issue to limit people from monitoring remotely. Even if the doctors of the hospital are on a business trip to other countries, they can still have a clear view of every single corner at the hospital site.





ACTi IP Surveillance Secures the Property of Müller Distribuidora in Brazil

Country: *Brazil*



Vertical Market: *Industrial*

Software: *ACTi NVR and NUUO*

Product: *ACM-1231 Megapixel IP Bullet Camera*

ACM-4200 Megapixel IP Cube Camera

CAM-6630 35x Zoom IP Speed Dome Camera

Background

Founded in 1958, Müller Distribuidora is the distributor in the field of food distribution occupying a prominent position in the wholesale segment in South of Brazil. It is one of the 10 largest companies in the country, and the top 100 fastest-growing in Brazil.

The main objective of the project is the perimeter surveillance; loss prevention and reduction of burglary are the two main purposes. The area will be monitored is large and requires close looking to have the precise images. The use of Megapixel cameras to obtain images with high resolution was crucial to the success of the project. Given these inquiries, the system integrator chose ACTi Megapixel IP camera, NUUO Software and ACTi software NVR to meet all these requirements.

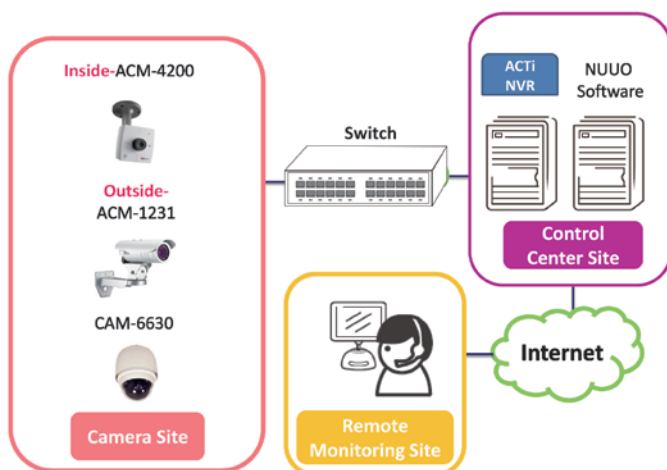
Solution

The area is equipped with ACTi ACM-4200 Megapixel IP Cube Cameras which were installed indoors. Outside of the warehouse, there are CAM-6630 IP Speed Dome Camera and excellent images from the IP66-rated weatherproof ACM-1231 Megapixel IP Bullet Cameras. Both models offer up to 1280x1024 Megapixel resolution at 8fps video streaming. The MPEG4 compression further saves the storage size so as to allow long-period recording. The video recording function of ACM-4200 at the internal areas and ACM-1231 from perimeter area makes it possible for the warehouse manager to remotely monitor or playback to the recorded video.

Benefit

According to the author's design, engineer Humberto Becker Momm – WDC NETWORKS integrator's "The quality of Megapixel cameras for the detailing of events, are the main reason for choosing ACTi cameras for this project."

Ever since its adoption of ACTi's Megapixel video surveillance system, Müller Distribuidora enjoys the high resolution video quality and the remote access, live view and playback functions by ACTi's software NVR and NUUO Management. Managers can now easily zoom in to double-check any suspicious movements. This system will be easily upgraded in the future, with the quality that ACTi IP Megapixel Cameras can offer.



ACTi Unified Megapixel Solution Enhanced the Security of Vehicle Conversion Company in Bulgaria

Country: **Bulgaria** 

Vertical Market: **Industrial**

Software: **ACTi NVR**

Product: **ACM-1231 Megapixel IP Bullet Camera**



Background

ACTi's Unified Megapixel solution is deployed to protect the famous vehicle conversion company, TRANSFORMA, in Bulgaria. TRANSFORMA focuses on converting branded automobiles into wide range of special-functioned vehicles. Peugeot, Renault, Ford, Mercedes and Iveco are re-equipped to fulfill specific needs such as people transport and goods transport, and for special functions such as ambulances, security vehicles, etc. Hundreds of specialized vehicles are produced every year in the assembling sector (420 square meters) located in the capital city, Sofia. The whole production center with a total area of 1100 square meter is now under protection by ACTi's Unified IP Surveillance solution.

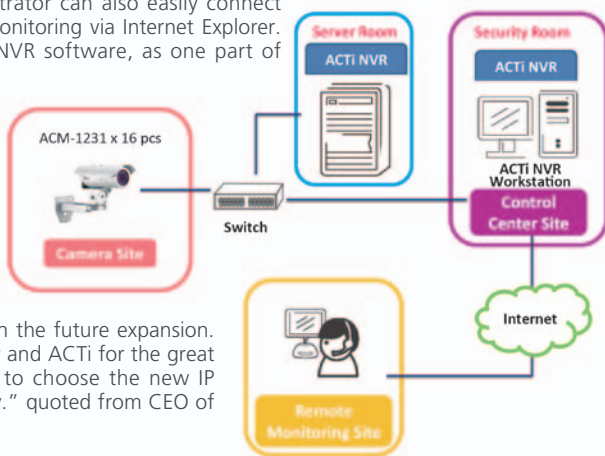
Solution

16 pieces of ACM-1231 Megapixel Day and Night IP Bullet Cameras, were installed by ACTi's local certified partner, RED Security, which successfully replaced its existing analog CCTV system (380TVL and recording at CIF resolution). With the powerful function of built-in IR LED illumination, security officers of the TRANSFORMA can easily see clear images even in a low-light condition. Superior video quality, 1.3 Megapixel at 1280x1024 resolution, is the major advantage of adapting an IP solution. "We are highly impressed by ACTi's Unified Megapixel IP surveillance solution. By implementing this new surveillance system, we have put on a sound footing for our duty." says the Chief Security Officer of TRANSFORMA.

Benefit

ACTi's IP Video management software - NVR Enterprise, provides complete control of the 16 pieces Megapixel bullet cameras. In this new IP-based system, all videos are recorded in the NVR server. Security officers are able to do the system configuration and daily monitoring through the NVR server in the control room. The administrator can also easily connect to the NVR server to do remote monitoring via Internet Explorer. ACTi's free bundled 16-channel NVR software, as one part of the Unified Solution, not only fulfills the security requirement from the end users, but also saves their budget on the entire surveillance system.

Due to its existing networking infrastructure, the vehicle company significantly decreases the overall installation costs and efforts. The new IP surveillance solution ensures better scalability in the future expansion. "I would like to thank RED Security and ACTi for the great job they've done to convince us to choose the new IP surveillance solution for our factory." quoted from CEO of TRANSFORMA.





ACTi IP Unified Solution Helps COTTONIL to Secure Its Factory

Country: *Egypt*



Vertical Market: *Industrial*

Software: *ACTi NVR*

Product: *ACM-1011 IP Bullet Camera*

ACM-1231 Megapixel IP Bullet Camera

ACM-1431 IP Bullet Camera

ACM-8511 IP PTZ Camera

Background

As the biggest cotton clothes and underwear factory, COTTONIL & VEGA is well-known in Egypt. In order to protect their investment and production, they required the most efficient solution from ACTi.

Solution

COTTONIL chose ACTi IP unified solution for their surveillance system because ACTi unified solution offers the advantage of channel scalability – up to 64 channels on a single server. COTTONIL therefore has the flexibility to add more cameras in future installations. In addition, ACTi unified solution based on server-client structure allows for simultaneous multiple-user remote access. Moreover, COTTONIL is satisfied with the performance from all-in-one camera. "ACM-1231 Megapixel IP Bullet Camera and ACM-1431 IP Bullet Camera provide IR-LED and IP-66 which is perfectly for outdoor and semi-outdoor using." COTTONIL IT manager claimed, "Megapixel resolution for main entrance and gate is the best choice." In the factory, COTTONIL choose ACM-1011 IP Bullet Camera which has built-in IR-LED. As a result, they can have clear picture in night mode.

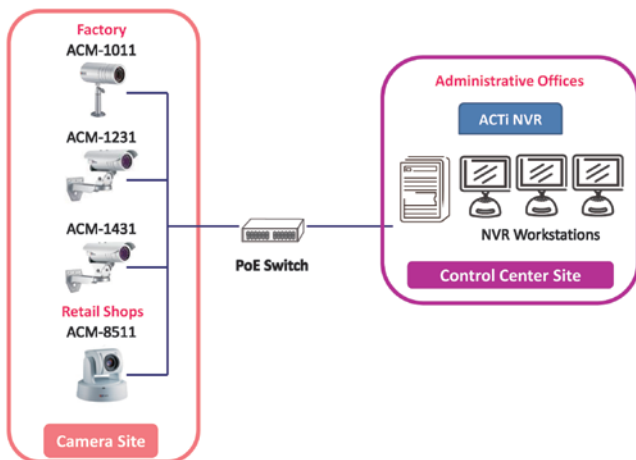
Benefit

Both ACM-1231 and ACM-1431 are IP-66 Rated cameras; they are weatherproof and very suitable for the outdoor circumstances. Besides, the equipped IR LED function enables the camera to capture images even at the 0 Lux condition. Power over Ethernet (PoE) provides the power supply and the data transmission via on single network cable. The cost of cabling could be saved and the maintenance of the system will be much easier. Moreover, ACTi NVR makes the management and video recording simple and convenient.

The factory owner can even monitor remotely. The authorized users at different locations can log in to

the server using IE (Internet Explorer) browser and get exactly the same monitor and playback interface as the NVR server without having to have NVR program installed in the PC.

COTTONIL is starting to install more cameras in their retail shops in Cairo. "ACM-8511 IP PTZ Camera is the best choice for retails because it can cover wider area and 10X optical is wonderful for each shop" the owner said, "COTTONIL will have surveillance from ACTi IP unified solution such as CMS in the near future."



ACTi IP Cameras Were Successfully Implemented the Surveillance System for Pricol Industries in Coimbatore, India

Country: **India** 

Vertical Market: **Industrial**

Software: **ACTi NVR**

Product: **ACM-1431 IP Bullet Camera**

ACM-3311 IP Dome Camera

ACM-8511 IP PTZ Camera

CAM-6630 35x Zoom IP Speed Dome Camera



Background

Pricol Industries is a well-known automotive parts manufacturer and supplier which has a reputation for excellence in every aspect of its business. The corporation is known for providing first-class service to their customers and maintaining a high level of professionalism. With many high profile locations located all around the world, Pricol is dedicated to preserve their high standard in product quality and customer satisfaction.

ACTi's objective of this task is to install an effective system of monitoring their employee activity and the well-being of their facility. Towards this end, Pricol implemented a custom solution involving the use of 70 ACTi cameras. Those cameras are installed in and around the facility, providing security and a watchful eye over Pricol's factory 24 hours a day, 7 days a week. The IP surveillance solution that has been provided allows the management with the ability to view and manage operations across the factory on a 24x7 basis.

Solution

The project was completed in the time frame of one month. ACTi NVR software was used as the video management software to manage the recording as well as the interface for users browsing the recorded data. ACTi NVR is very functional and user friendly, and it can be accessed from any PC with internet connectivity. The result of this will be a full-scale surveillance solution of the Pricol factory, allowing the directors of the facility to watch over the factory via the Internet and observe factory operations from any location that they want.

The facility has multiple buildings which are interconnected by an optical fiber network. Within each building CAT6 Ethernet network has been used connect to the cameras. Internal locations primarily used ACM-3311 IP Dome Camera. Outdoor locations primarily used CAM- 6630 High Speed Dome Camera and ACM-8511 IP PTZ Camera with 10X optical zoom. All gates have been secured with ACM-1431 Outdoor Bullet Camera with IR for night vision.

Two servers have been deployed at the factory datacenter to manage the entire set of cameras. These servers continuously receive data from all the cameras and store the data with encryption for security. The data is also managed by the SQL database for easy retrieval by authorized users of the system.

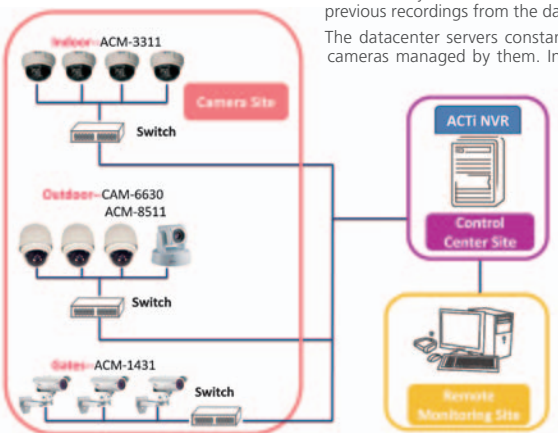
Benefit

The entire premise has two security gates where the entire set of cameras are monitored 24/7 by a team of security officers who is in charge of the premises. Each gate security facility has been provided with a monitoring station that logs into the datacenter servers to access the live streams from the cameras and can use various features such as the different view layouts to effectively monitor the factory premises. Authorized users can also retrieve previous recordings from the datacenter servers.

The datacenter servers constantly check for camera and network status for the cameras managed by them. In case of failure of any part of the system, a mail alert is sent to the system administrator. The system administrator can then analyse the cause of a failure and implement appropriate measures to prevent such failures from recurring.

This system provides security of data, monitoring of premises, recording of all video data in a secure and easily retrievable form, and instant alerts in case of a failure of any part of the system enabling security person to effectively monitor and analyze incidents and thus constantly increase their manageability of the Pricol premises.

Pricol now has a fully operational security system set up to ensure the safety, productivity, and continued success of Pricol's factory in Coimbatore – all with the help of ACTi and BSW's innovative solutions using the cutting-edge technology of ACTi cameras and software.





PG Industries Enhanced Factory Security with ACTi IP Surveillance Solution

Country: *India* 

Vertical Market: *Industrial*

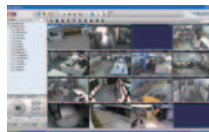
Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*
ACM-4100 IP Cube Camera

Background

ACTi's India solution partner, BSW has successfully implemented an industrial IP surveillance system at PG Industries, SIPCOT Industrial Estate, Hosur, Tamilnadu, India.

The new IP-based surveillance system has provided the PG Industries a cost-effective solution for the security management of its factory and allowed the management staff, shareholders and directors of PG Industries to manage efficiently and view their remote factory via internet.



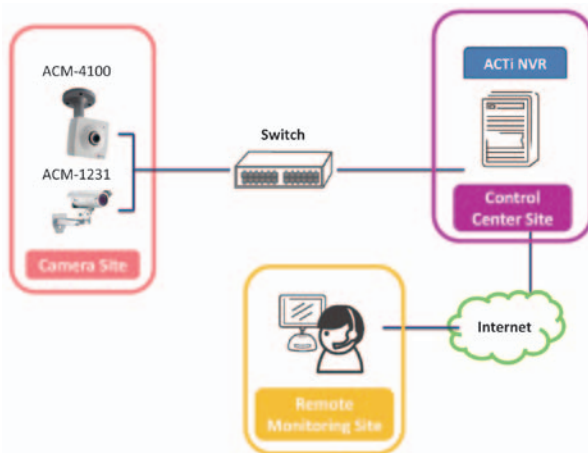
Solution

PG Industries is a gold plating factory for watches which guarantees the highest levels of quality and provides its expert services to international brands like Titan. A total of 15 ACTi cameras have been positioned in and around the factory for an efficient surveillance of the properties.

Benefit

The ACM-4100 IP Cube Cameras have been placed within the different work areas for observation and increase the work efficiency. Besides, the IP-66 certified outdoor cameras, ACM-1231 Megapixel IP Bullet Camera, have been installed outside of the factory and the factory's acid room, and make sure there is constant surveillance. Accesses to outside cameras have been assigned to the security agency; the camera managements can be allotted to different users.

The server architecture is a design to allow 15 cameras to be continually transferring video data to the local server where it is authenticated and stored. Remote access of user or administrator is possible after authentication by the server, and then they can log in to ACTi web client for monitoring.



ACTi IP Video Solution Helps to Control Parcel Distribution Quality for A Logistic Center in Vilnius, Lithuania

Country: *Lithuania* 

Vertical Market: *Industrial*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*

ACM-5601 Megapixel IP Box Camera

ACM-5711 IP Box Camera



Background

A European-based logistics company just built up a new terminal in Vilnius. To improve quality control and security of parcel distribution in terminal, they needed to monitor parcel way from incoming point to outgoing point for delivery. They divided requirement to three parts - one to secure terminal main territory for outside protection; second to monitor parcel distributing technology line at the inside of the terminal; and third one to take picture of every incoming and outgoing parcel and link with parcel number barcode.

Solution

UAB "Pažangiy technologijy prekyba", ACTi's official distributor in Lithuania, with the help from ACTi, has successfully offered the logistic company an integrated IP video surveillance solution. The surveillance installation is divided into 3 parts which emphasized the day and night function, parcel distribution technology line monitoring, and barcode reader integrated with ACM-5711.

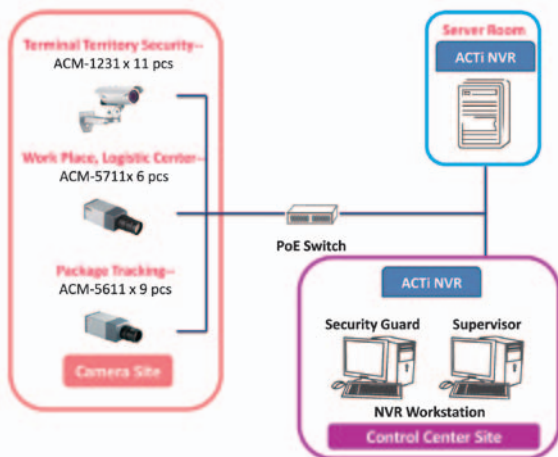
Benefit

In first part of project, there were 11pieces of ACM-1231 Megapixel IP Bulled Cameras. The main reason to choose this model was that cameras are true day/night function and have IR LEDs for extra illumination, which help to save expenses for common territory lightning. All recordings of outside cameras are made in Duo core 5TB server running ACTi NVR enterprise software. All servers are allocated in secure server room. Security's company's guard monitors these cameras remotely by using ACTi NVR workstation which is run in guard PC located in control post. All cameras are connected to HP Procurve PoE Ethernet switch. To access ACTi NVR servers and cameras, the main camera's switch is connected to company's backbone network and is separated using VLAN tagging. Using VLAN technology, their network virtually separated from video surveillance IP network. This technology helped to utilize the same network infrastructure for both application data and video surveillance networks.

In second part of project there were ACM-5601 Megapixel IP Box Camera and ACM-5711 IP Box Camera cameras with LEN-205 lenses. Cameras monitored parcel distribution technology line to control and check

parcels way from incoming gate to delivery car. If parcel is lost, the administrative staff can always check when and how the mistake was made and how to improve service quality. To monitor large parts of technology line, ACM-5601 Megapixel box camera is used; for fast moving parts, ACM-5711 is used.

Third part of project was integration of 6 pieces ACM-5711 over scanning work places with the logistic center's barcode readers. Main requirement was to find parcel picture in database using barcode number. To integrate barcode readers with existing ACM-5711 cameras was written special software application to gather data from both system and store in database. The supervisor can always check parcel condition on requirement.





The Biggest Tubular Factory in the World- Arcelor Mittal in Romania Is Protected by ACTi IP Surveillance System

Country: **Romania** 

Vertical Market: **Industry**

Software: **ACTi NVR**

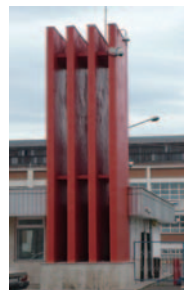
Product: **ACD-2200 4-channel Video Encoder**

ACM-1431 IP Bullet Camera

SED-2140 1-channel Video Encoder

Background

Arcelor Mittal is the biggest tubular factory in the world which based in Romania. It has installed the security system by ACTi's partner, SC Electro Universe SCM. The centralized video surveillance system includes 3 units of ACD-2200 4-channel Video Encoders, 4 units of SED-2140 1-channel Video Encoders with extended temperature, and 8 units of ACM-1431 IP Bullet Cameras with IR LED; total 26 equipments managed by the ACTi NVR, the centralized monitoring system.



Solution

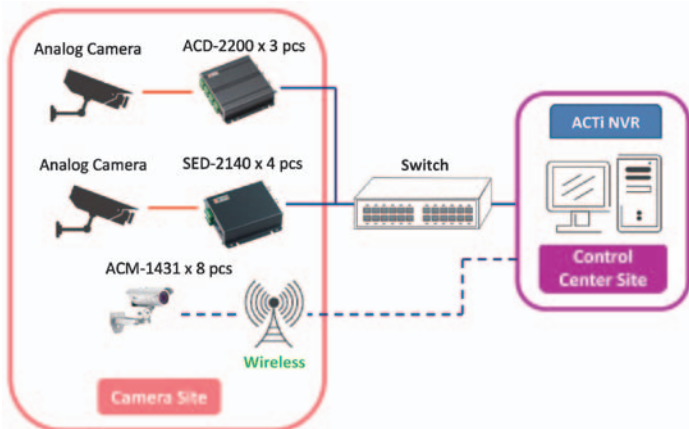
The stream of IP cameras and video encoders are transmitted through a fiber-optic network with a total length of about 10 kilometers and the security manager uses this IP surveillance system to monitor the access and key places in this factory.

A subsystem consisting of the 8 x ACTi ACM-1431 IP Bullet Cameras which is functional for about 2 years, and is connected to the central system via a wireless connection, with an uptime of 9-10 months and so far the system works very well during the past 2 years.

Benefit

For locations with extreme variations in temperature (-30 degrees Celsius in winter to +60 degrees Celsius in the vicinity of furnaces), they used ACTi SED-2140 Video Encoders. In some location, Arcelor Mittal uses ACD-2200 Video Encoders to group 4 video cameras to save the cost.

Manager from SC Electro Universe SCM has mentioned, "When selecting video servers for this project, we have tested many brands in the market and finally chose ACTi solutions because of the excellent performance of ACTi equipments in very low lighting conditions and reasonable price."



Indar Electric Had ACTi IP Surveillance for Monitoring the Factory Security

Country: *Spain*



Vertical Market: *Industrial*

Software: *CIRCONTROL*

Product: *ACD-2400 16-channel Video Encoder*

ACM-3311 IP Fixed Dome Camera

ACM-5711 IP Box Camera

CAM-6630 35x Zoom IP Speed Dome Camera



Background



Indar Electric, belongs to the Ingeteam Group, is the manufacture of electric motors and generators for both industrial sector and the of sea transport and rail sector. Recently, they also specialize in manufacturing of wind generators.

There are 1200 employees, the facilities is about 40.000 square meter. In order to control the work efficiency, they chose ACTi IP surveillance system to monitor the perimeter and interior areas.

Solution

The perimeter is covered with 20 pieces of ACM-5711 IP Box Cameras and 8 pieces of CAM-6630 IP Speed Dome Cameras. The 4 pieces of ACM-3311 IP Fixed Dome Cameras some interior corridors and the ACD-2400 16-channel Video Encoder for 12 pre-existing analog cameras in the facility. Indar Electronics has 44 cameras in total as an IP surveillance system that monitors the factory.

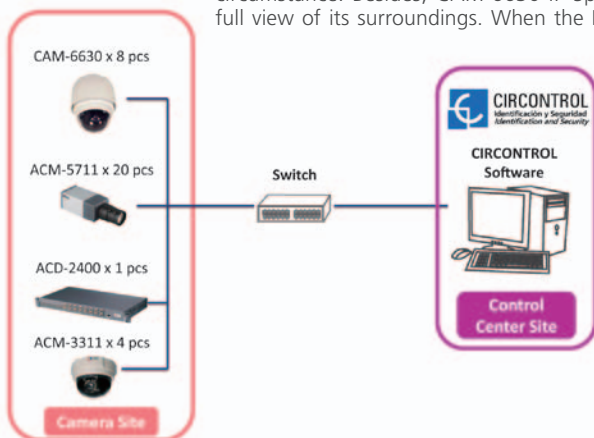
Speaking about the factory security, vehicular traffic control can be a key factor. Thus, Indar Electronics has installed the software of CIRCONTROL which also provides the car plate recognition service.

Benefit

The surveillance system is installed in a LAN environment; all camera data are transmitted via the fiber optics. Video storage and management are done on the PC, which serves as a server in the control center room. Besides, ACM-3311 is equipped with mechanical IR cut filter and IR LED, which means it is capable of delivering high-quality video with a wealth of details even in a low-light condition. It is very flexible that ACM-5711 is available for interchangeable lens according to the camera shooting circumstance. Besides, CAM-6630 IP Speed Domes were installed to give a full view of its surroundings. When the Indar started to expand the scope of

their surveillance system, some traditional analog cameras were converted to IP by using the ACD-2400 video encoder. Indar chose CIRCONTROL software along with ACTi IP cameras to have the best image quality for recognizing the car plate in order to control the vehicular traffic.

ACTi provides high quality products with reasonable price is the most important reason why customers always choose ACTi.





SEHO Industry Company Properties Are Under Protection with ACTi Unified Solution

Country: *Taiwan*



Vertical Market: *Industrial*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*

ACM-3211 IP IR Eyeball Fixed Dome Camera

Background

SEHO Industry is a company well-known for used machine tool trade. It has more-than-20-years experiences in buying/selling and CNC machine tools. Product lineups range from CNC lathes, milling, drilling and full plant equipments. Due to the effect of the economic crisis, used products have become more and more popular in the market and therefore, in order to protect all the properties equipped inside of the company, SEHO Industry Co. decided to install a new IP-based security system to prevent any possible illegal activities, such as thefts or robberies which are very likely to happen in a recession time like now.

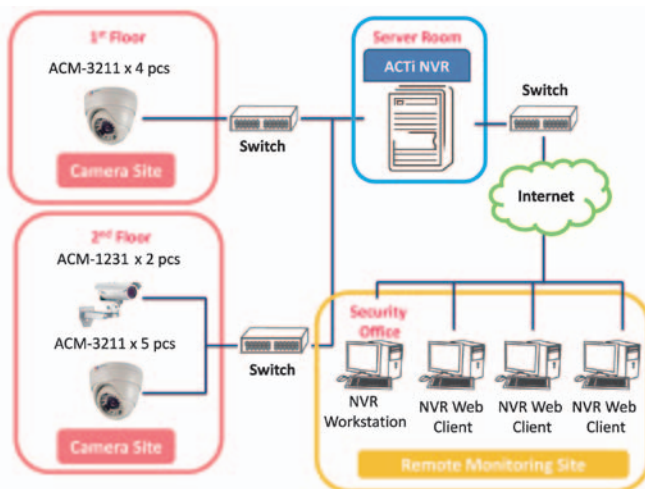
Solution

ACTi offers SEHO Industry Co. a platform to manage its security control. The company building is protected by a brand new IP surveillance system developed with ACTi Unified Solution. 2 pieces of ACM-1231 Megapixel IP Bullet Cameras are installed at the entrance doors to enable the security guard of SEHO Industry to keep in track of all visitors entering the building. Clear-image videos are highly demanded, especially at the night time when the light condition is extremely poor. The reason that ACM-1231 is deployed is due to the strong feature of Mechanical IP cut filter and IR LED equipped with this model, which will ensure 1.3 Megapixel resolution at both Day and Night Modes. As for indoor environment such as lobby, ACM-3211 IP IR Eyeball Fixed Dome Camera is mounted on the ceiling or walls to provide detailed monitoring view.

Benefit

Full functions of ACTi NVR Software is another attraction for SEHO Industry Co.. One of the important features requested by SEHO Industry Co. is "Remote Monitoring" and "Remote Control". As can be seen from the solution architecture diagram, there are a few remote sites. Therefore, the security guards can manage and monitor all cameras through ACTi NVR workstation and the company owner or any authorized user can link to NVR server via ACTi NVR web client to do 24-hours live monitoring.

The 1st phase installation was completed in Dec 2008. The 2nd phase will install another 19pcs ACM-3211 and 2pcs ACD-2100. The whole project will be completed in June 2009.



Coca-Cola İçecek A.Ş. Bursa Plant Developed IP Surveillance System with ACTi IP Cameras

Country: *Turkey* 

Vertical Market: *Industrial*

Software: *ACTi NVR*

Product: *ACM-3511 Megapixel IP Fixed Dome Camera*

ACM-5611 Megapixel IP Box Camera

CAM-6630 35x Zoom IP Speed Dome Camera



Background

Coca-Cola İçecek (COLA.IS) ("CCI") as a listed company on the İstanbul Stock Exchange, has a vision to be one of the leading bottlers of alcohol free beverages in Southern Eurasia and the Middle East. CCI has made one of the biggest manufacturing plant investments in Bursa. "This plant is again the biggest plant in the region that settles from East of Berlin to West of Beijing" says the executives of CCI. The new surveillance project of Coca-Cola Plant in Turkey is designed and executed by ACTi local partner, Rant Computer and Electronics Corp.

Solution

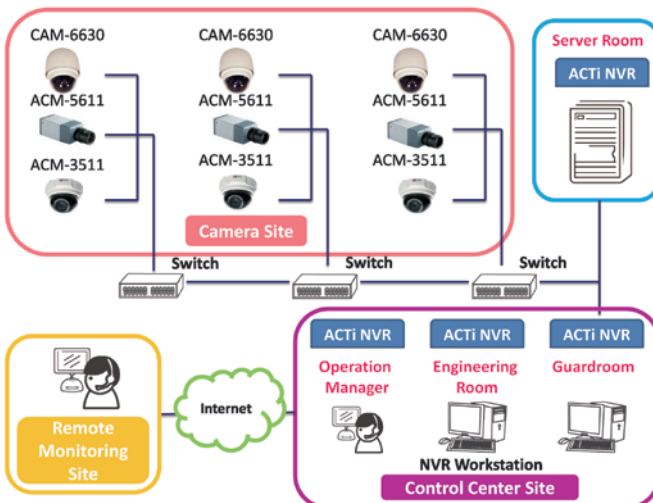
ACTi provides competitive "Unified Solution". Along with three kinds of IP cameras - ACM-3511 Megapixel IP Fixed Dome Cameras, ACM-5611 Megapixel IP Box Cameras, CAM-6630 35x IP Zoom Speed Dome Cameras, the unified solution also comprised free-bundled management software – ACTi NVR as well as superior product functions featuring PTZ tours and motion detection. Any movement which is observed in the area can be seen in a pop-up window at the security office monitors. Other than that, with the support of its eMap function, the monitoring view of each camera site is displayed on the pre-set map and clearly specifies the location of each camera.



Benefit

A fiber-optics infrastructure is implemented over the entire factory area so the recorded data are

transmitted via internet network. Thanks to the PoE support of ACTi cameras, power delivery and the data transmission are completed over one single network cable and therefore decrease the overall installation expenditures. All the cameras are linked to "Linksys Full POE Gigabit Switches". In the core of system, CISCO Full Fiber 3750 Series Switch is used. The whole complex is put in action and allows Security Office to monitor all the IP cameras installed throughout the production area.





ACTi IP Surveillance System Enhanced the Security of the Procter & Gamble

Country: **Vietnam** 

Vertical Market: **Industrial**

Software: **ACTi NVR**

Product: **ACD-2100 1-channel Video Encoder**

Background

ACTi's video servers and NVR helped the well-known manufacturer, Procter & Gamble Vietnam, upgrade its security system into IP-based technology surveillance. P&G Vietnam is a subsidiary of the Procter & Gamble Company, Cincinnati, Ohio, US and is one of the world's largest consumer product companies. It has over 138,000 employees working in over 80 countries worldwide.

P&G started its Vietnam operation in 1995, with chartered capital of more than USD 80 Millions. It has a full-fledged/ global standard manufacturing facility serving both local and export demand located in Binh Duong Province. P&G Vietnam specializes in Hair Care, Personal Care, Laundry, Fabric Conditioner, Feminine Care, Baby Care, Men Grooming and Oral Care. Currently, it has one of the largest and strongest portfolios of trusted brands, including Pantene, Head & Shoulder, Rejoice, Tide, Downy, Olay, Safeguard, Gillette, and Oral B.



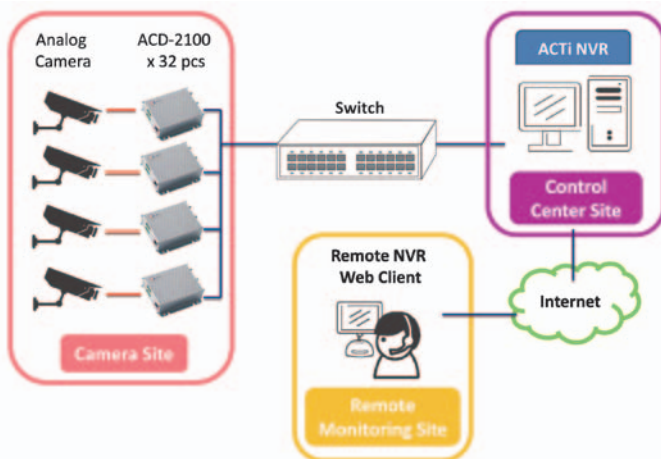
Solution

The development of the new IP surveillance solution is based on the ACTi NVR 64-channel security management system and 32 units of ACTi ACD-2100 1-channel Video Encoder. The video signals from the analog cameras were encoded into MPEG-4 video streams and sent across the manufacturer's IP network to the monitoring center.

Benefit

ACTi's ACD-2100 video server has proved that it is capable of providing seamless remote video streaming at high quality D1 format over existing network. With low bandwidth consumption, it allows P&G Vietnam to manage real-time production status at each factory. Moreover, the end user does not have to discard the existing analog cameras. ACTi helps P&G upgraded to IP surveillance in a cost-saving way.

ACTi's efficient IP-based surveillance solution has met the P&G's high expectation and it also facilitates the overall management for its security system and helps the company to enjoy higher productivity.





ACTi Megapixel Cameras Empower the Security System in Timisoara Warehouse, Romania

Country: *Romania* 

Vertical Market: *Industrial*

Software: *AVerMedia*

Product: *ACM-4201 Megapixel IP Cube Camera*

Background



ACTi solution partner, ICCO Systems in Romania has successfully enhanced the security system for an important logistic company in Romania by ACTi Megapixel IP cameras.

In the warehouse in Timisoara, there are existing analogue cameras with 4-ch DVR to secure the environment. However, to improve the system, the end user has decided to use Megapixel IP cameras for docks - cargo handling areas for better image quality and easy cabling construction.

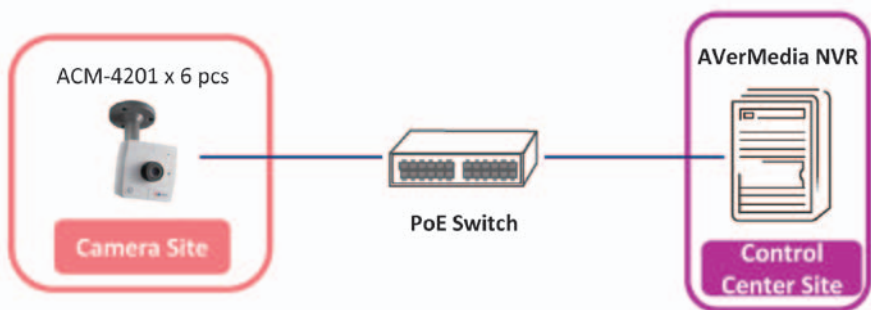
Solution

Selecting from different brands and models of Megapixel cameras, the decision finally went for ACTi ACM-4201 Megapixel IP Cube Camera along with the AVerMedia software for this expansion.

Benefit

The reason for them to choose ACM-4201 is mainly because of the excellent image quality, competitive price, and the design of changeable lens. With suitable lens, ACTi ACM-4201 has performed stably and very clear video image.

"For its excellent video quality and stability, the end user is very satisfied and decided to expand ACTi IP surveillance system into the rest of the warehouses," said from Mr. Adrian Ilea, the technical director in ICCO Systems.



ACTi Secures the Safety of the Warehouse of DB Schenker in UK

Country: *United Kingdom* 
 Vertical Market: *Industrial*
 Software: *ACTi NVR*
 Product: *ACM-1231 Megapixel IP Bullet Camera*
TCM-7411 Megapixel IP Fixed Dome Camera



Background

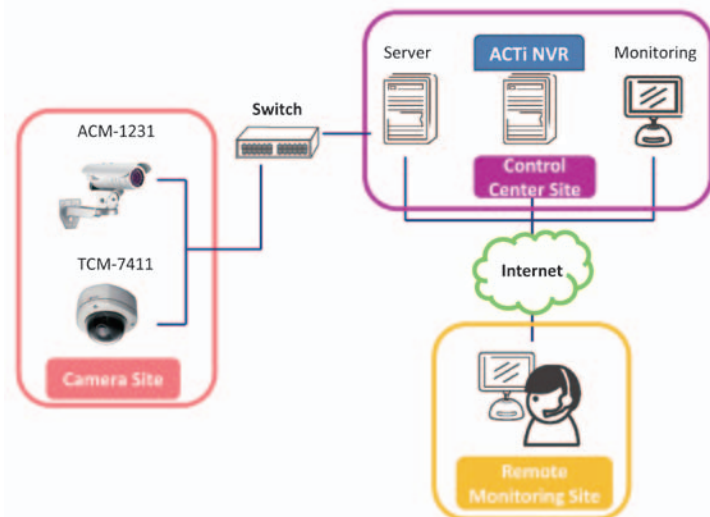
DB Schenker combines all transportation and logistics activities of Deutsche Bahn. Employing over 91,000 staff, spread across 2,000 locations in 130 countries. With turnover of over 15 billion Euros, DB Schenker is a leading company – both in Europe and worldwide. Warehouse is the important property for them to keep customers' goods. In order to protect the property, IP surveillance is the best choice to achieve the goal.

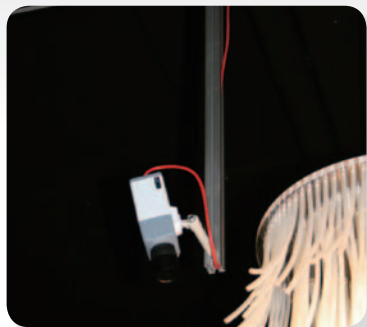
Solution

The ACTi NVR Enterprise surveillance system, installed in nearby office building. 2 units ACM-1231 Megapixel IP Bullet Cameras were installed in outdoor parking lot and gate; 4 units TCM-7411 Megapixel IP Fixed Dome Cameras were installed inside of the warehouse to secure the goods. Meanwhile, administrator request for remote monitoring, and ACTi NVR Enterprise can provide the service via IE browser to fulfill the requirement.

Benefit

This is the first project Affinity Communication System Ltd did with ACTi. During the proposal stage, ACTi sales team provide excellent support from camera suggestion, and the project planner service to foresee camera locations and preview the site, PC hardware suggestion...etc to help complete the project. Meanwhile, customer is satisfied with ACTi ACM-1231 and TCM-7411 for its IP66 weatherproof and vandal-proof housing with heating for the rough environment. Moreover, administrator enjoys IE browser remote monitoring real time video via internet connection.





ACTi Megapixel Unified Solution Provided Flawless Surveillance in an Austrian Casino

Country: **Austria**

Vertical Market: **Media & Entertainment**

Software: **ACTi NVR**

Product: **ACM-5601 Megapixel IP Box Camera**

Background

Graz is the second-largest city of Austria, which located at the South-east of the country. ACTi cooperated with its surveillance partner, IMBS, to install ACTi cameras with ACTi NVR in the newly opened poker casino "Montesino" in Graz, Austria.

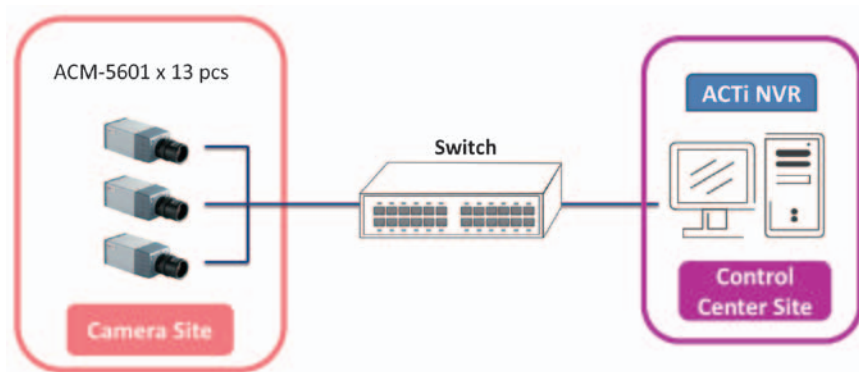
Solution

In order to secure the casino property and the safety of players, there are 13 pieces of ACM-5601 Megapixel IP Box Camera installed at the entrance, ceiling and gambling rooms under a LAN environment. ACM-5601's changeable lens provides the flexibility of the angle of view. It can be adjusted to suit the environment. ACTi 1.3 Megapixel cameras were able to do the recognizing the faces of the players and everything happened around the gambling table. All the details can be caught easily. Even though the surfaces of pokers reflect the lights, ACTi cameras can still provide very clear video images. At the same time, PoE function helps to reduce the installation and cabling cost significantly.

As for the software application, our full-functioned NVR provides live-time monitoring, constantly record and playback in a user-friendly interface. Unlimited digital zoom can see every detail during live-view and playback, which easily search by time, channel and event. It offers flexibility and efficiency in finding the record files and snapshots

Benefit

Montesino casino chose ACTi as the primary hardware and software manufacturer for the casino due to several factors which include cost, reliability, unified solution, as well as a future-proofed system. With ACTi Megapixel cameras, the safety of the casino was highly secured. The fairness of the gaming can also be guaranteed. Overall speaking, the end user is satisfied with ACTi's good video quality and Price. They are planning to have ACTi solution again for future needs of surveillance equipments!



ACTi Provides Unified IP Surveillance Solution for A Four Star Casino in Freising, Germany

Country: *Germany* 

Vertical Market: *Media & Entertainment*

Software: *ACTi NVR*

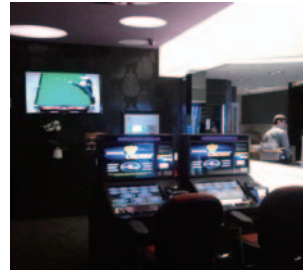
Product: *ACM-3401 Megapixel IP Fixed Dome Camera*
CAM-6510 IP Speed Dome Camera



Background

Alpen Casino is a brand new four star casino in Freising, Germany. The casino has numbers of gamble machines, a bar and two rest and smoking zones.

To provide a safe environment for the customers and employees, the monitoring system has to run 24/7 and 7days a week. The basic customer requirement is that they need a surveillance system that is easy to use and maintain and scalable for future expansions. Additionally, a live view of all cameras on two flat screens installed at the smoking zone is essential; it allows gamblers to always keep an eye on their gamble machines, even when they are on a coffee or smoking break.



Solution

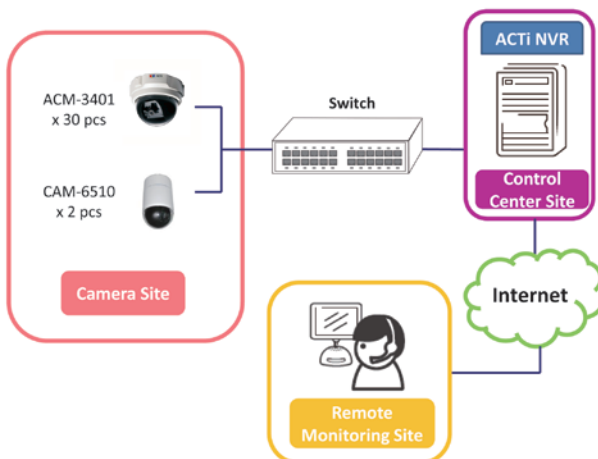
ACTi was chosen for this project because ACTi's unified solution is able to fulfill the customer's requirements. A total numbers of 32 ACTi cameras are installed. Including 30 pieces of ACM-3401 Megapixel IP Fixed Dome Cameras and 2 pieces of CAM-6510 IP Speed Dome Cameras were deployed. Furthermore, ACTi's NVR Enterprise Server and workstation is used for the management of the whole surveillance system. It allows the live-view and recording of all cameras.

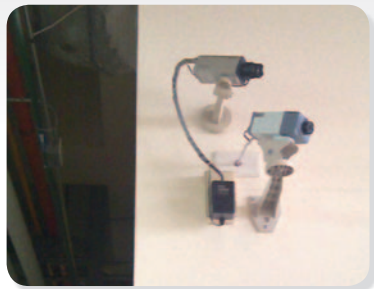
Benefit

Even under the complicated lighting conditions in the casino, the ACM-3401 is able to provide high quality pictures, because of the high light-sensitivity of ACTi cameras. 2 ACTi Speed Dome Cameras, CAM-6510 completed the whole surveillance system. It patrols the whole casino and even any emergency occurs, the camera can instantly zoom in optically.

The ACTi NVR Enterprise allows to have live-view as well as to retrieve recorded videos remotely and conveniently. Using the Internet Explorer browser, all cameras can be live-viewed on the two flat screen monitors installed at the rest and smoking zone.

Thanks to the close cooperation of ACTi, Alpen Casino is one of the few casinos in Germany that is using IP surveillance solution.





Lamigo Club Chose ACTi for Security and Member Service

Country: *Taiwan*



Vertical Market: *Media & Entertainment*

Software: *ACTi NVR*

Product: *ACM-8511 IP PTZ Camera*

TCM-5311 Megapixel IP Box Camera

Background

Lamigo Club is a new chain store of fitness owned by La New Group which has 3 locations in Taipei. It is more than 330 square meters, combining with gym, spa, yoga and restaurants. Lamigo Club offers their members plenty of choices of activities for relaxing and wellness, which also began a revolution of the health and fitness business.

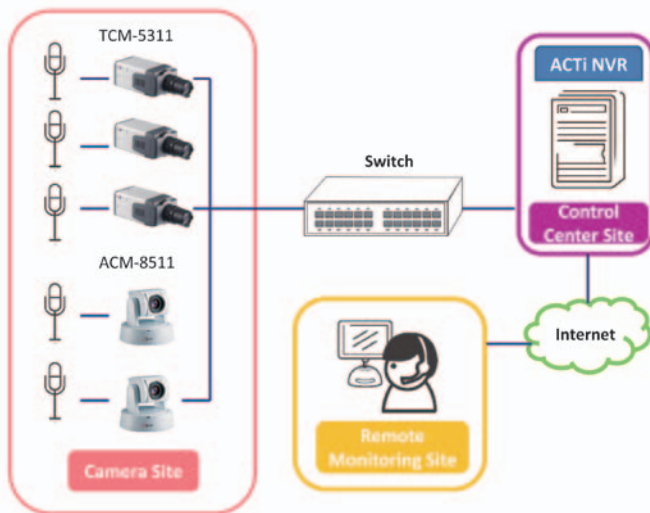
Solution

Lamigo Club was looking for a solution not only for security surveillance, but also for recording video on parties. Party recording serves as a service for members to replace expensive cameraman. Thus, the solution is required to have high video quality in low light condition. Besides, video management software has to record audio and video stream.

TCM-5311 Megapixel IP Box Camera and ACM-8511 IP PTZ Camera are equipped with CCD sensor and powerful ISP, enabling excellent image quality. Motion blur never happens on ACTi cameras, given such a low-light environment. Besides, ACTi NVR Enterprise manages both audio and video streaming. Lamigo Club chose ACTi TCM-5311 Megapixel resolution CCD camera and ACM-8511 10x Optical PTZ with ACTi unified NVR system as solution to provide ultra-high-resolution Megapixel image quality and easy management in order to let staffs and security guards can effectively manage and monitor the entire building, especially the party room.

Benefit

With ACTi IP surveillance cost-effective solution, Lamigo Club now has a perfect service from ACTi for both security purpose and entertainment. The customer do not need to hire the cameraman at the party now, the Megapixel IP camera can take care all of those by both recording the video and the sound at the same time. Moreover, the video quality of ACTi camera is beyond our customers' imagination. It helps to reduce the expense of Lamigo and their customers when having video recording service at the party.



State-Owned Huashan Creative Cultural Park Is Secured by ACTi Unified IP Solution

Country: *Taiwan*



Vertical Market: *Government*

Software: *ACTi NVR*

Product: *ACD-2100 1-channel Video Encoder*
ACD-2200 4-channel Video Encoder
ACD-2400 16-channel Video Encoder



Background

Huashan Creative Cultural Park, with its mixed offerings of both art and music exhibitions and campaign venue is now pleased to be secured by ACTi's IP surveillance solution, featuring superior day and night video performance and flexible deployment for future extension.

Situated in the city center of Taipei, Huashan Creative Cultural Park is one of the most popular destinations for worldwide tourists and also local residents to explore the diversities and excitements of the country. With various art exhibitions, musical events as well as cultural festivals held every year, visitors are encouraged to make pilgrimages to experience the "Taiwan Spirit". This is why Huashan was aimed to deploy a professional and reliable surveillance system to secure its owned properties and to prevent criminals from happening. In compliance with the needs of Huashan Creative Cultural Park, ACTi team is proud to propose the best-of-breed Unified IP surveillance solution for this case.

Solution

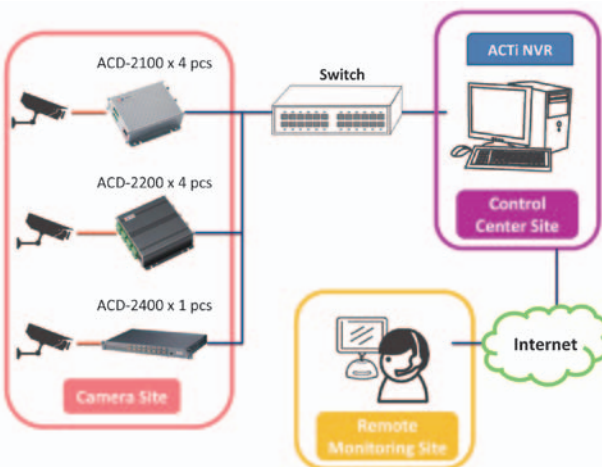
This solution comprised of ACTi NVR Enterprise system with 32-channel license along with various video encoder selections which included 4 units of ACD-2100 1-channel Video Encoder, 3 unites of ACD-2200 4-channel Video Encoder, and 1 unit of ACD-2400 16-channel Video Encoder. The key benefits enjoyed from this solution are full functions in live-view, recording and playback from the NVR system and PTZ operation under multiple users, which allows authorized users to access and monitor the defined areas without distance or time limits. The varieties of video servers supported by ACTi, including 1/ 2/ 4/ 8/ 16 channel(s) are all with independent streams and control signals, which outshine from other competitors' offerings.

Benefit

For future expansion that ACTi solution also significantly reduces the cost for its customers. With the

flexibility of the ACTi NVR Enterprise version, which is upgradeable from 16/ 32/ 48/ 64, Huashan Creative Cultural Park could easily upgrade from the original 32 channels utilized at the first stage to 48 or 64 for the next installation within the PC server.

ACTi NVR Enterprise has integrated all ACTi IP cameras, video encoders and video decoders. Therefore, customers do not need to worry about their future expansion requiring for a different product line. ACTi provides products ranging from VGA up to Megapixel and supports free 16-ch NVR software, which is the best choice for its worldwide customers.





ACTi Integrated with WirelessSolutions, Inc. to Build Up IP Surveillance System for Shoshone Rose Casino

Country: *United States* 

Vertical Market: *Media & Entertainment*

Software: *ACTi NVR*

Product: *ACM-5611 Megapixel IP Box Camera*

ACM-5711 IP Box Camera

CAM-5201 IP Box Camera

CAM-5301 IP Box Camera

CAM-6510 IP Speed Dome Camera

CAM-6610 18x Zoom IP Speed Dome Camera

CAM-6630 35x Zoom IP Speed Dome Camera

Background

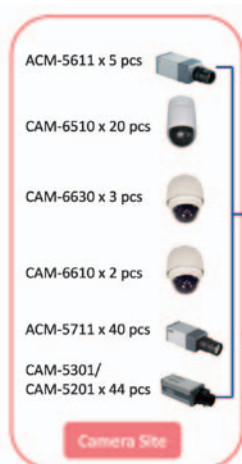
Lander, a small city located near the heart of 'The Equality State', Wyoming, is home to one of the best gaming spots in the state; The Shoshone Rose Casino. The Shoshone Rose Casino is owned and operated by the Eastern Shoshone Tribe of the Wind River Indian Reservation. In September of 2007, the tribe celebrated the grand opening of their 7,000 square foot casino. The new facility offered over 100 gaming machines, a self-serve deli, and a non-smoking gaming area. In September of 2009, the casino added an additional 9,000 square foot to the existing building, which added an additional 200 games, full service restaurant, smoke shop & conference rooms.

Solution

The Eastern Shoshone Tribe of Wind River wanted to, not only open an extraordinary gaming facility, but also take extraordinary measures in surveillance for the facility. The casino owners turned to Alan Landis, owner of WirelessSolutions, Inc., to create a top of the line surveillance system that would be cost effective and reliable. WirelessSolutions, Inc. provides services in Wireless Technologies, IP Surveillance, Commercial and Residential Security Solutions, Network Infrastructure Design, IT Services, and Consulting/Design of IP Surveillance Networks geared towards the gaming industry. Mr. Landis proposed and installed ACTi products for The Shoshone Rose Casino's needs.

"WirelessSolutions, Inc. chose ACTi as the primary hardware manufacturer for the casino due to several factors which include cost, reliability, unified solution, as well as a future-proofed system. What sets ACTi apart from the rest is the fact that they help the integrators become competitive by providing demo equipment at a moment's notice, as well as establishing a relationship with the integrator." ~Alan Landis, President of WirelessSolutions, Inc.

Benefit



The installation involves a total of 114 ACTi surveillance cameras. And plans continue to grow for The Shoshone Rose Casino, including the integration of gaming tables at the casino and there are also plans for the addition of a hotel are in the near future.

Along with these expansions, WirelessSolutions, Inc. is already working hand in hand with ACTi products for the 4th quarter 2010 surveillance network expansion to accommodate the new gaming tables, including the addition of numerous KCM-5211 4MP auto focus cameras. These additions will accurately monitor the new addition of such gaming tables as blackjack and poker.

Thanks to ACTi and WirelessSolutions, Inc., The Shoshone Rose Casino is one of the few casinos in the United States that is staying ahead of the curve with this cutting edge IP surveillance system.

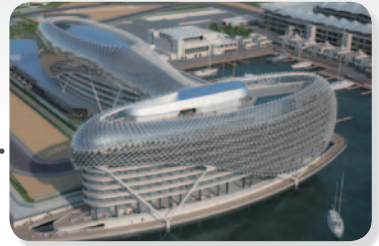
Formula One, Yas Marina Circuit Building Uses ACTi Cameras for Security in Abu Dhabi, U.A.E

Country: *United Arab Emirates* 

Vertical Market: *Media & Entertainment*

Software: *VDG*

Product: *ACD-2100 1-channel Video Encoder*
ACM-3511 Megapixel IP Fixed Dome Camera



Background

The Yas Marina Circuit is owned by the Executive Affairs Authority of the government of Abu Dhabi and operated by Abu Dhabi Motorsports Management. Yas Marina Circuit is the perfect combination of style and function. The Formula 1™ track is 5.55km long. This track can be split in to smaller tracks at 3.1km and 2.4 km each which can operate simultaneously where desired. Approximately 50,000 spectators can view the action on the circuit from the comfort of permanent, covered grandstands and VIP facilities. Yas Marina Circuit is the only motorsports venue in the world where all of the grandstands are covered.

In order to improve security level to face coming up Formula One race, add new security system to prevent any critical events happen.

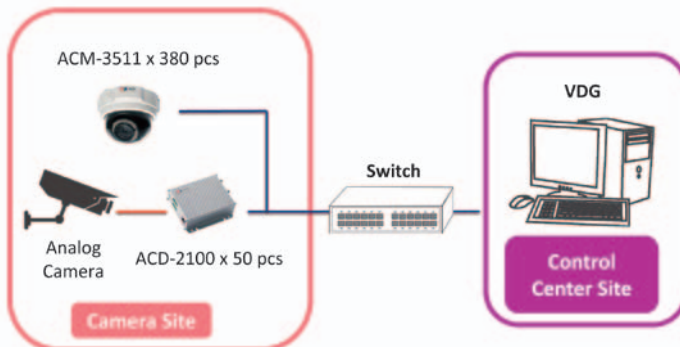
Solution

Yas Marina Circuit main complex has the existed security system which needs to be upgraded to IP surveillance and integrated with access control system. However, the main complex has good internet infrastructure setup. Thus, with existing networking setup and Power over Ethernet (PoE) IP cameras can much reduce overall infrastructure cost.

50 units of ACD-2100 Video Encoders are adopted to upgrade its existed analog cameras to IP camera and extra new 380 units ACM-3511 Megapixel Dome Cameras are installed to main building with its extreme good low light performance and video quality in order to monitor every locations and corners.

Benefit

The main reason of choosing ACTi is because the Megapixel picture quality for superior image quality that ACTi provides. Meanwhile, ACTi's open platform design base helps 3rd party software easily integrate with ACTi camera solution. The in-time technical support and professional technical support delivery are also key reasons to achieve the project integration. The entire system is deployed to the highest standards at Yas Marina Circuit in order to protect all valuable customers and properties.





ACTi Provides Unified IP Surveillance Solution Secures Youth Hostel in Graz, Austria

Country: **Austria**

Vertical Market: **Residential Building**

Software: **ACTi NVR**

Product: **ACM-1231 Megapixel IP Bullet Camera**
ACM-1511 Megapixel IP Bullet Camera
ACM-5611 IP Box camera

Background

JUFA is a well known chain youth hostel which has more than 40 hostels in Austria and Germany and provides nice service of making customers feel like being home when traveling. This is the reason why JUFA attracts thousands of national and international travelers yearly.

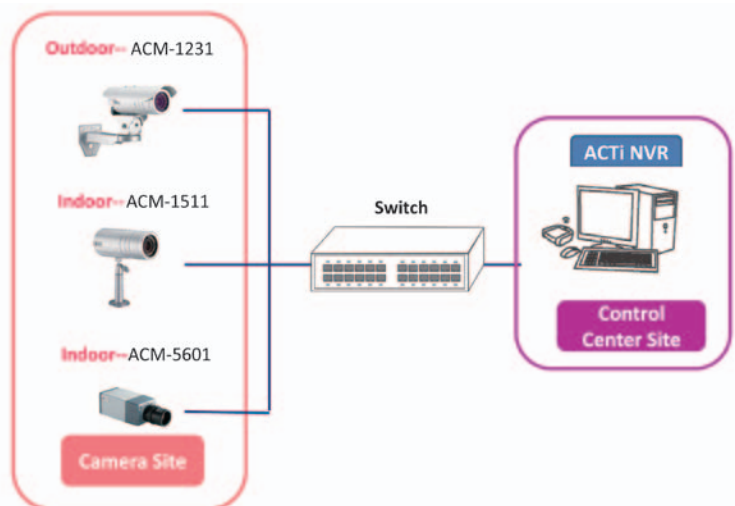
Solution

To provide a safe environment for travelers around the world, JUFA decided to invest in an IP surveillance system, that secures the youth hostel 24/7 and 7days a week. The customer would like to have a user-friendly surveillance system, so it has to be easy to install, management and also has to be scalable for future expansion. To prevent uninvited guests lurking around the hostel, the first priority is to monitor the outer perimeter. ACTi's all-in-one ACM-1231 Megapixel IP Bullet Camera with integrated Infrared-LED and IP66 housing are installed around the hostel. Additionally, ACM-1511 IP Bullet Cameras and ACM-5611 Megapixel IP Box Cameras are installed inside the hostel to secure guests and property.

Benefit

To give the whole security system the finishing touch, ACTi NVR Enterprise is used to monitor record and manage the whole surveillance system. ACTi's unified solution provides JUFA a security system that comes from one hand, is easy to install and maintain and also scalable for future expansions.

Thanks to the efforts of our Austrian partner IMBS, JUFA decided to use ACTi's unified solution, providing superb video quality with acceptable pricing.



International Hotel in Colombia Got ACTi for Overwhelming Security Protection

Country: *Colombia* 

Vertical Market: *Residential Building*

Software: *ACTi NVR*

Product: *ACM-1432 IP Bullet Camera*

ACM-3401 Megapixel IP Fixed Dome Camera

CAM-5221 IP Box Camera

CAM-6510 Indoor Speed Dome Camera

CAM-6620 Outdoor Speed Dome Camera



Background



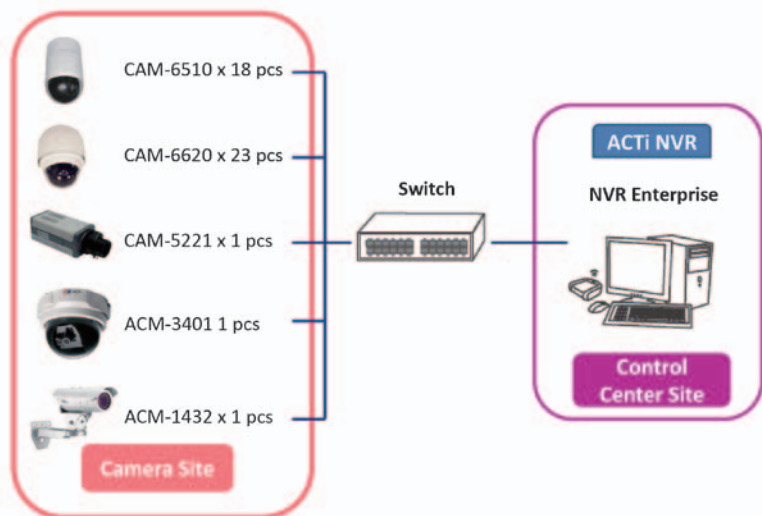
Las Lomas Hotel situated at only 3 minutes from the International Airport of Jose Maria Cordova and 35 minutes of Medellin, in the prettiest region of Antioqueño Oriente, Colombia. ACTi's local partner, Teleguardia system, integrators installed different ACTi cameras in order to protect hotel property and also to protect the safety of the guests.

Solution

The installation consisted of ACTi CAM-6510 Indoor Speed Dome Cameras, with 18 times magnification with superb quality. ACTi CAM-6620 Outdoor Speed Dome Cameras, with 23 times magnification ideal to cover large outdoor environments. The installation also included CAM-5221 IP Box Cameras and ACM-3401 Megapixel IP Fixed Dome Cameras to monitor the hallways. Finally, ACTi's unique ACM-1432 IP Bullet Camera with Infrared Led was used to cover the darker areas of the installation and Cube Cameras for indoors were used for the Spa and Gymnasium.

Benefit

The key of this installation was ACTi's complete portfolio of cameras that could fulfill every environmental and lighting condition of the hotel. Moreover, the fact that all the system was able to be run on ACTi's software. This provided a one window contact for the System Integrator and End User and also a harmonious software-hardware ecosystem that fulfill all the requirements and necessities of the project.





ACTi Unified Solution Giving Peace of Mind to Residents at Edgewater Court Downtown Fort McMurray

Country: **Canada** 

Vertical Market: **Residential Building**

Software: **ACTi NVR**

Product: **ACM-3401 Megapixel IP Fixed Dome Camera**

Background

The name Edgewater Court is a perfect description for its first urban apartment and townhouse complex. Edgewater Court is made up of 75 apartments and 25 townhouses and is set on the banks of the beautiful and historic Clearwater River in downtown Fort McMurray. To help ensure the security of the residents at Edgewater Court, Convert Controls Security Systems has selected ACTi products and solution to create a cost-effective and reliable surveillance system.

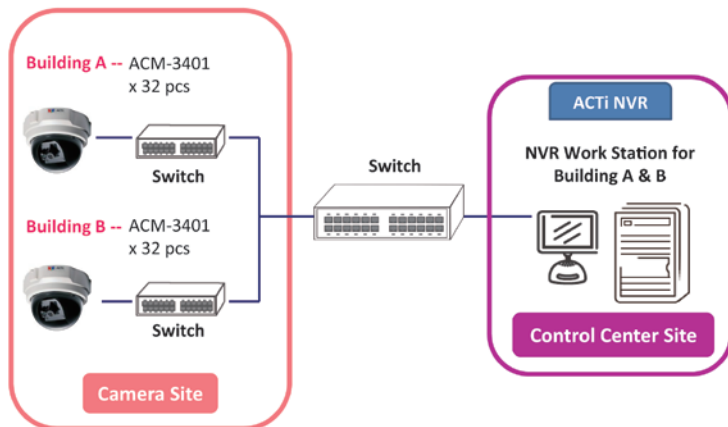


Solution

Approximately 64 units of ACTi's ACM-3401 Megapixel IP Fixed Dome Cameras have been installed in various locations on Edgewater Court. This cost-effective 1.3 Megapixel IP Fixed Dome Camera offers excellent video with high resolution and works with 2.4mm and 4.2mm Megapixel board lens. The videos are streamed to ACTi's free NVR Enterprise software on a PC for easy live viewing, playback and user management. There is also an e-Map feature available for inserting camera icons and small live preview windows onto an imported floor plan of the Edgewater Court to conveniently illustrate the live scene at each camera location. User of the e-Map can instantly relate each video to the actual camera location.

Benefit

"I have been using ACTi products for almost a year, and have had nothing but a fantastic result. From the initial setup to in-depth settings, this product has been amazing. Tech support & customer service is great as well. ACTi makes a great product that is hands down one of the top IP based camera solutions on the market," says Ken Snyder, owner and operator of Covert Controls Security Systems.



ACTi IP Wireless CCTV System Secures Riverview Apartment Complex in Co. Westmeath, Ireland

Country: *Ireland*

Vertical Market: *Residential Building*

Software: *AVerMedia*

Product: *ACM-7411 Megapixel IP Rugged Dome Camera*



Background



This prestigious apartment located within the centre of Kilbeggan, Co. Westmeath consists of 62 apartments, 7 townhouses and 2 retail blocks as well as ample parking spaces. The installation of ACTi IP security system allows for complete peace of mind with regard to vehicle safety, personal safety and loitering.

Solution

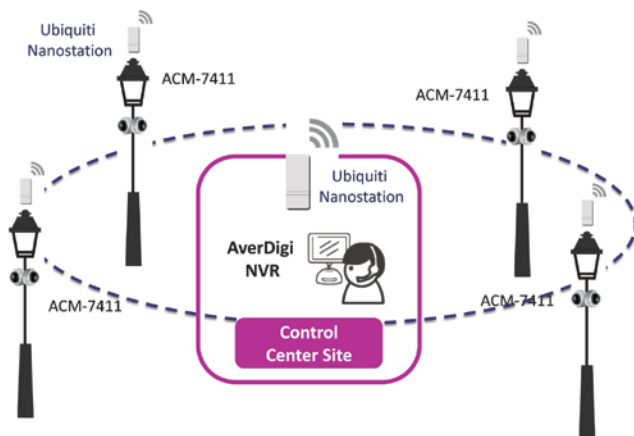
This project comprised of 6 external ACTi ACM-7411 Megapixel IP Rugged Dome Cameras, mounting on outdoor lighting poles which monitor all activities within the complex. The reason for

choosing ACTi ACM-7411 domes was that the cameras not only met the technical requirements of the project, e.g. Megapixel resolution, IP66 rated, weatherproof and vandal resistant, but also came with great price and performance value. "The system was networked to allow remote viewing and playback by the management company on both a PC and an iPhone, giving excellent video quality, which impressed the client much." said Eoin Gaughan, Managing Director of Avant Security.

Benefit

Ubiquiti Wireless access points and clients were used to transmit signals back to the central recording station, which eliminated the need for civil work. The wireless transmission bandwidth in this system was 54 Mbps, which offered good capacity for the 6 camera's transmission. ACTi MPEG4 compression technology allows the bandwidth to be as small as 1Mbps/ per video stream for a good Megapixel video quality.

The central management server consisted of an AVerMedia EH 5216H Hybrid NVR containing 2 Terabytes of storage. The NVR was connected to a 40" TFT for live view and playback purposes.





Private Home in Delta State, Nigeria Has Blanket Protection by ACTi and iCatcher Open-Platform Solution

Country: **Nigeria**



Vertical Market: **Residential Building**

Software: **iCatcher**

Product: **ACM-1231 Megapixel IP Bullet Camera**
ACM-3401 Megapixel IP Fixed Dome Camera

Background

Delta State in Nigeria is synonymous with high crime rate, and kidnapping is most notable in the Niger Delta. Therefore, residents take every conceivable precaution to prevent attack against themselves and their family.

Solution

Within such a private house, ACTi's partner, Esimi Technical Systems, a leading systems integrator in the region installed a total of 18 pieces of ACM-1231 Megapixel IP Bullet Cameras providing blanket coverage of the entire property within the walled compound, as well as all approach roads to the property. In addition, further 5 pieces of ACM-3401 Megapixel IP Fixed Dome Cameras with audio were installed in the waiting rooms and visiting rooms.

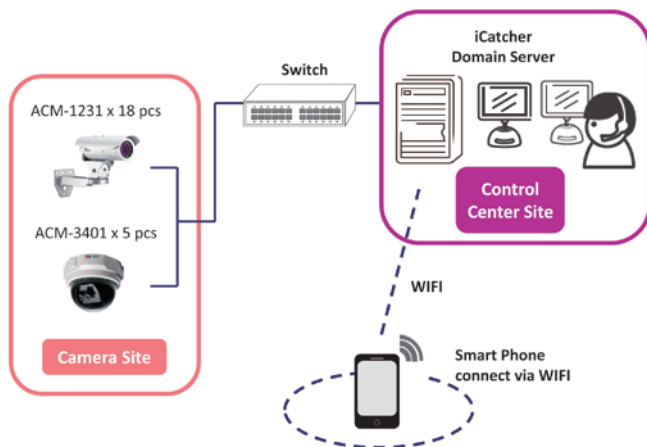
Benefit

Since PTZ cameras are not permanently manned, it was not considered as an appropriate solution. Thus, ACM-3401 was chosen to provide the stable recording and high quality image. These cameras were all installed in the important rooms to guard the owner's property day and night.

All cameras were connected to one high performance 3.2 GHz PC with 4TB hard disk which located in the communications room of the house. ACTi's open platform works well with the iCatcher Domain Software, the whole system provides superb flexibility and ease of use. In order to have the total control of guarding, one permanent client workstation with of two display monitors were located in the main bedroom of the house.

Further access and control of IP cameras is available through Internet Explorer by using laptops and iPhones via Wi-Fi network. Using VGA amplifiers and extenders along with CAT 5 cable, video is also available on other 5 large flat screen televisions throughout the house.

The successful implementation of this surveillance system has subsequently lead to further similar installations in the region, both in private houses and commercial offices.



Turkish Hotel, Caprice Thermal Palace, Has Online Live View with ACTi IP Solution

Country: *Turkey*



Vertical Market: *Residential Building*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP IR Bullet Camera*



Background

Caprice Thermal Palace, a 5-star hotel in Didim, Turkey, is well-organized to meet all the requirements of guests and enables them to have a comfortable holiday. There are totally 491 rooms, and all rooms are equipped with basic security services-the electronic door lock and safe box. Besides, the hotel is equipped with sex-separated swimming pool, and provides a lot of activities such as boat tour, water sports, tennis, football, and Turkish bath for customer to enjoy their life in this palace.

Solution

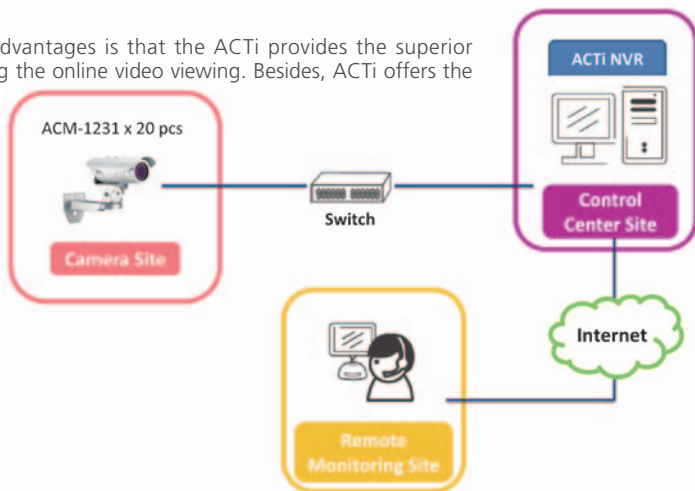
ACTi's partner, the system integrator, Bulut Elektronik Ltd., focused on providing their customers with qualified and convenient services to satisfy customers' wishes. Due to the seafront location Didim, customers always need to know the situation around the hotel to learn if it's a right timing to be into this hotel for their vacation. Thus, they decide to have live-video stream show on internet explorer browser to fulfill customers' requirements. Moreover, it can be a very useful tool to have the free online advertisement for Hotel's stuff along with well-organized infrastructure.

20 pieces of ACM-1231 Megapixel IP IR Bullet Cameras, offering clear video both day and night, present the videos with better resolution and details than traditional CCTV analog cameras. With IP66 certified, vandal resistant, and IR LED, provided clear video quality at night. All cameras were linked back to one central control room via the network and one server, completing a comprehensive surveillance system in Hotel.

Moreover, unlike traditional DVR systems which typically only provide 4, 8, 16, 32 channels, ACTi unified IP solution is scalable up to 64 cameras, which offer extendibility for the hotel.

Benefit

For Caprice, the main advantages is that the ACTi provides the superior image quality when doing the online video viewing. Besides, ACTi offers the SDK for Web Browser, which it is easier for the users to transmit video stream on the web platform they would like. More than that, adding IP cameras without requiring a new NVR saves the cost. Thirdly, ACTi's NVR is well- integrated with the control system of Hotel's access control.





ACTi IP Cameras Secure Reba Brown Senior Residence with Superb Safety

Country: *United States* 

Vertical Market: *Residential Building*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*
ACM-7411 Megapixel IP Rugged Dome Camera

Background

"Privacy & Environment Security" is the core value in necessary to the senior residence residents, so is the core promise that ACTi IP surveillance solution will have to ensure its end users – "the seamless security protection". To offer premium living environment, Reba Brown Senior Residence chose Voree, the leading IP surveillance system integrator in the Philadelphia metropolitan area, and ACTi as its collaborators for higher quality building monitoring.

As a totally new building for senior residence, "Privacy & Environment Security" is the essential element for the residents to choose to reside. To keep environment stay in safety and prevent the community away from crime, theft, or intruders, an advanced video monitoring management should be well-equipped every location around this building; the need which ACTi IP-based video monitoring system can fit. Compared traditional analogue system with IP surveillance system, ACTi's high-quality Megapixel cameras with affordable pricing draws the end user much attention. In addition, the strong customer support service in every part throughout the system integration is another main reason why ACTi's solution has been chosen.

Solution

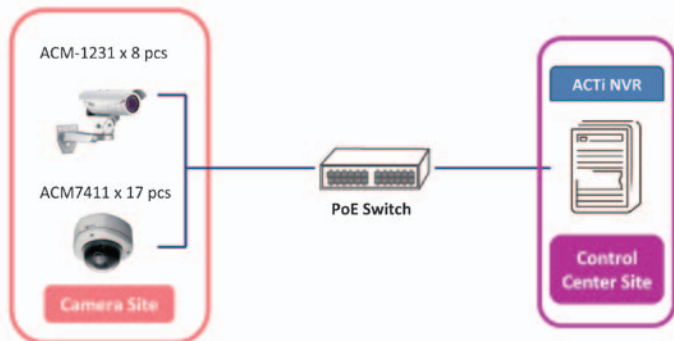
Designed with D&N function, ACTi ACM-1231 Megapixel IP Bullet Camera does a great help for 24-hour monitoring; which video recording can be in process day over night. Its features of IR LED and weatherproof lead Reba Brown Senior Residence to order 8 pieces of ACM-1231 set for outdoor 7/24 monitoring.

ACTi ACM-7411 Megapixel IP Rugged Dome Camera, specified in detailed 1.3 Megapixel picture & vandal-proof housing, is able to record videos in high quality even in rough environment. Totally 17 pieces of ACM-7411 are installed throughout the building, aiming to protect the senior residence up to superb safety level.

Benefit

With ACTi NVR, all these cameras can be fully supported for video recording, and be capable of retrieving and transiting IP videos via Ethernet network. And its "Web Client" function can help remote administrators to access and control the videos easily via Internet Explorer. Therefore, administrators can improve management efficiency, and give alerts to associated department anytime in need.

Due to ACTi's Unified IP surveillance solution, the successful implementation allows this senior residence building to reach higher standard security and the core promise "Privacy & Environment Security" for its residents.



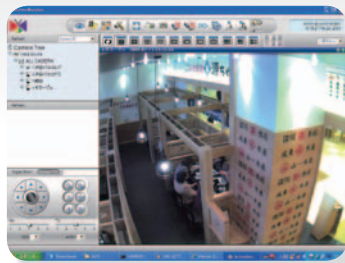
ACTi's Successfully Implemented IP Surveillance System in the Chain Restaurants in Tokyo, Japan

Country: *Japan* 

Vertical Market: *Retail*

Software: *ACTi NVR*

Product: *ACM-3411 Megapixel IP Fixed Dome Cameras*
ACM-8211 Megapixel IP PTZ Camera



Background

ACTi's partner, Japan Network Communications Inc, successfully implemented IP surveillance system in the chain restaurants in Tokyo.

Solution

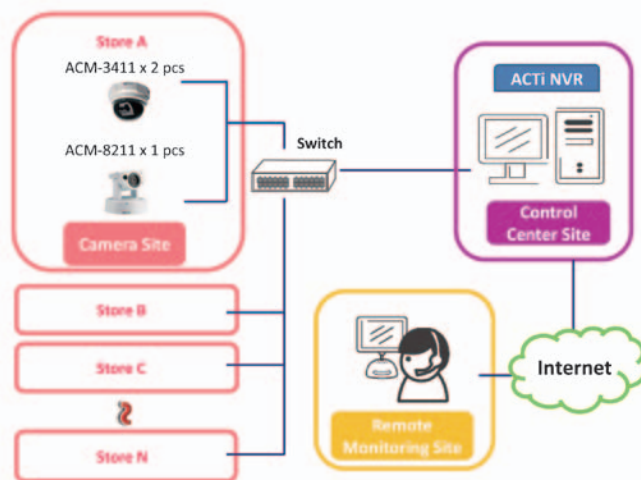
There are more than 5 restaurants had installed ACTi IP Surveillance System. Each restaurant is composed of 2 units of ACM-3411 Megapixel IP Dome Cameras and 1 unit of ACM-8211 Megapixel IP PTZ Camera with the management and recording by ACTi NVR Enterprise.

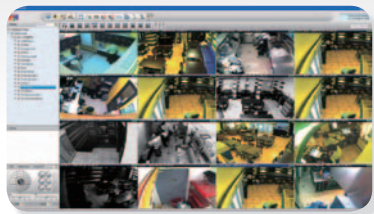
Benefit

The purpose of installing IP surveillance system is to monitor each restaurant from remote head office. Mr. Itou, sales director of Japan Network Communications Inc said, "IP surveillance system is more cost-effective compared with CCTV system. Especially ACTi IP camera supports DDNS. It did save the cost of fixed IP address for each store and also NVR web client provides easy remote monitoring function."

ACTi megapixel cameras offer excellent video quality. Besides, ACM-3411 and ACM-8211 are equipped with PoE (Power over Ethernet) which enable the power supply and data transmission via the network cable. Most importantly, ACTi NVR Enterprise software provides real-time remote monitoring and management. The monitoring can be processed remotely by using the Internet Explorer.

IP surveillance system is a convenient and reliable system to secure the restaurant. Therefore, ACTi is the best choice of offering IP Surveillance System.





ACTi Wins the Heart of Conti's

Country: *Philippines* 
 Vertical Market: *Retail*
 Software: *ACTi NVR*
 Product: *ACM-4001 IP Cube Camera*

Background

Conti's Pastry Shop & Restaurant is dedicated to provide their customers with the best service and only the most delectable dishes and desserts. Since opening in 1997, customers have come to love the array of culinary treasures that they offer. With their newest open branch located in Nuvali, Santa Rosa, Laguna, ACTi was the surveillance platform selected to help manage the security throughout the branch.

Solution

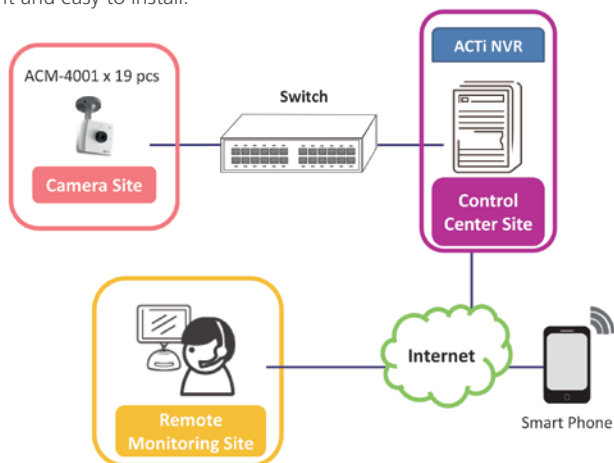
A total number of 19 units of ACTi ACM-4001 IP Cube Cameras with PoE Cameras were placed at key areas including the front entrance, cash counters, dining, kitchen, storage, staff room, office area, lounge and exit area. ACM-4001 is equipped with Power over Ethernet (PoE) which delivers power and video transmission over a single network cable. Thus, the owner saved and reduced huge amount on the overall installation cost.

ACTi NVR Enterprise video management software is used both for recording and viewing live. 24/7 recorded video can be used to playback any activities and incidents that occurred. All the camera images are now shown on high resolution 22" Wide LCD Monitor.

Via the internet explorer web browser, the owners can remote access to their surveillance system live and view recorded video as per date and time anytime from anywhere.

Benefit

IP solution is a new trend of surveillance which can save the cost of cabling. Every detail could be seen with the high quality video. The owner can have live view video via the internet explorer anytime they want. It is efficient and easy to install.



ACTi Provides Excellent Quality and Affordable Hybrid Solution for VIP Beauty Salon in Kiev, Ukraine

Country: *Ukraine* 

Vertical Market: *Media & Entertainment*

Software: *ACTi NVR*

Product: *ACM-4001 IP Cube Camera*

ACM-4201 Megapixel IP Cube Camera

ACM-5601 Megapixel IP Box Camera

ACM-7411 Megapixel IP Fixed Dome Camera

SED-2610 8-channel Video Encoder



Background

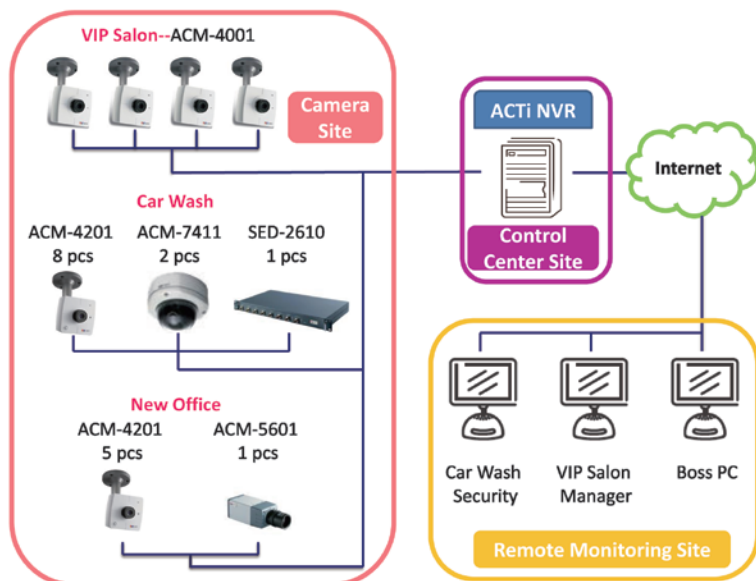
Cosmonova LLC provides overall IT & security solution in this project, includes: IPTV, VOIP, Internet service and IP video surveillance system. End user is the owner of several different shops: a VIP salon, car wash center, retail shop. A security system to cover all different sites to end user's office with flexible remote access is needed.

Solution

The customer requests to combine security systems from different business sectors to his office. As a result IP security system provides the best possible solution. At car wash center, there're already 8 x analog camera. With ACTi 8-channel video server, SED-2610, these 8 analog cameras are easily upgrade to IP and included to the whole IP solution.

Benefit

ACTi provides seamless unified solution from huge variety of IP cameras, video encoder, and a client to server video management software. Customer can easily monitor his business anytime, anywhere just with IE browser. Moreover, one stop shopping of ACTi hardware & software provides system integrator and end user problem free after sales service!





A Popular Sports Bar in New Orleans Got ACTi's Megapixel IP Fixed Dome Camera for Security

Country: *United States* 

Vertical Market: *Retail*

Software: *Exacq*

Product: *ACM-3411 Megapixel IP Fixed Dome Camera*
ACM-7411 Megapixel IP Fixed Dome Camera

Background

Cooter Brown's has been a popular bar since 1977, which located in the historic Riverbend section of Uptown New Orleans. Cooter Brown's proudly serves over 400 brands of domestic and imported bottled beers. It's also well-known for its Sports Events.

The bar is equipped with 15 wide-screen televisions, including an all-sports satellite system for its customers to enjoy the sports and the beer at the same time.

However, the increasing crime rate in New Orleans became a concern. Cooter Brown's opens 18 hours a day, the owner considered, the safety of his customers should be secured since there is no surveillance system in the past. Besides, they have 15 wide-screen televisions for Sports Events. Cooter Brown's important property should be under watched to enhance all the aspects of safety.

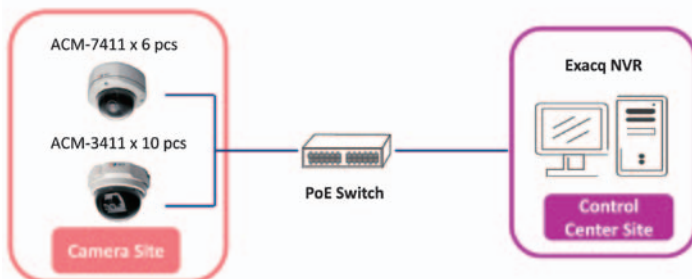
Solution

In the point of view of the owner, installation of the security system must fulfill some requirements: increase the quality of camera images and the ability of controlling the cameras remotely via the internet by using a MAC computer. Moreover, the competitive cost with a standard surveillance system is also a focus point. Cooter Brown's firstly installed ACM-7411 Megapixel IP Fixed Dome Camera and ACM-3411 Megapixel IP Fixed Dome Camera around the restaurant. Installations of ACM-3411 and ACM-7411 which covered indoor and outdoor area and all the video data are transmitted via internet.

Benefit

Considering the backstreets and the parking spaces around the building where the unexpected danger may happen, the day/night function of ACM-3411 and ACM-7411 become very necessary. In addition, these two cameras can function in the low illumination circumstance and still present the high-quality video recording and the image capture. Moreover, the features of ACM-7411 such as vandal-proof and IP66 rated provide the overall protection, prevent the camera from destruction. ACM-7411 Megapixel IP Fixed Dome Camera is also equipped with 3-axis adjustment which enables the flexibility of the lens. Besides, bundle with vari-focal lens is another feature of ACM-7411 which the focal length can be shifted from 3.3~12mm to adapt to the different conditions of video recording to get the exact capture. With the operation of Exacq NVR, the owner can watch all over the store through the high-quality images which makes the whole security system more efficient.

With ACTi's camera, the excellent video quality and high resolution meet the requirement of Cooter's Brown's. "I want to make my customers be safe and feel safe as well while visiting and enjoying Cooter Brown's establishment. ACTi provides reasonable price quality ratio products, the goal of full security environment become accessible." Said the owner of Cooter Brown's.



ACTi IP Surveillance Solution Integrated with POS System for Retail Shops, Elite Menswear, in Australia

Country: [Australia](#) 
 Vertical Market: [Retail](#)
 Software: [Autoidea POS System](#)
 Product: [ACM-4201 Megapixel IP Cube Camera](#)

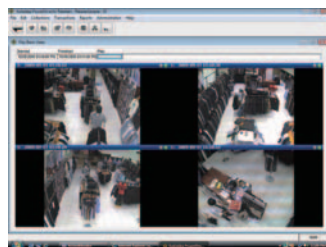


Background

Elite Menswear is a retail shop for men's clothes. As a retail shop, they need POS system to record the transactions and monitor their stocks and video surveillance system to protect the shop from thefts, burglary and controversial transactions. It would be a huge cost and not convenient for management if they apply 2 different systems. However, ACTi and Autoidea offer the best solution for them.

Solution

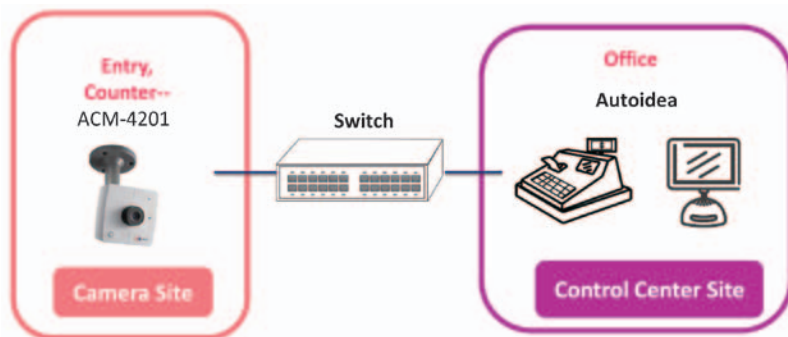
ACTi and Autoidea offer Elite Menswear an IP solution which ACTi ACM-4201 Megapixel IP Cube Cameras are integrated with Autoidea PowerDrive (POS) by ACTi free SDK. With this integrated solution, the staff of the store can playback the video for certain sales transaction by inserting the invoice number to the system. It's easy and convenient for the owners and shop managers to compare the transaction details with physical goods by footages (video clips).



Benefit

ACTi provides best performance price ratio of Megapixel cameras. The store owner said, "I feel not just resolution but also color of IP cameras are much better than color of analogue cameras." Besides, the free ACTi SDK for software and hardware integration is really convenient and easy to install.

And Bundled software makes whole solution more competitive. This is an efficient way to prevent theft, burglary and disputed transactions. ACTi IP cameras provide high video quality; every detail can be seen in the video which is the best evidence when there is argument. The owner of the store can totally rely on the POS and surveillance system to run a successful business.





ACTi Unified Solution Accomplished the Completed Surveillance System for Koton, the Fashion Store in Sofia, Bulgaria

Country: *Bulgaria*



Vertical Market: *Retail*

Software: *ACTi NVR*

Product: *ACM-3401 Megapixel IP Fixed Dome Camera*

Background

Koton, one of the leading names in fast fashion, produces garments that reflect current fashion trends. Koton is the first Turkish ready-to-wear brand with accomplished the sale of more than 15 million products annually, at more than 300 points of sale all over the world. With a new store opened in Serdika Center, one of the newest, biggest shopping mall in Sofia. The store owner considered to have a complete video surveillance solution to protect the propriety and make the daily operation more efficient.

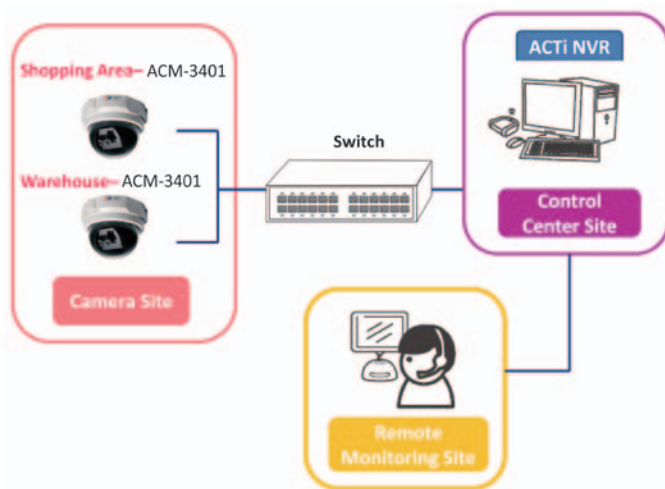
Solution

Koton in Serdika Center chose ACTi unified solution to build up a video monitoring solution. ACTi is now one of best IP video surveillance system provider in the world. ACTi offers a wide range of selection of IP cameras and software solution. There are 9 pieces of ACM-3401 Megapixel IP Fixed Dome Cameras installed in store, 8 cameras are in shopping area and another one in the warehouse to make sure all customers visit here can have a safe shopping environment. Combined with ACTi NVR, the store owner and regional manager can easily login the server anytime anywhere to have a clear view of the situation in store.



Benefit

Look closer to the hardware, ACM-3401's Megapixel sensor makes all the details in monitoring area available in live view and playback files. For the software, ACTi NVR not only fulfills the requirement a fashion retail store needs, and with more stores equipped with ACTi NVR in the future, it's possible to have ACTi CMS to manage all NVRs from different shops in one PC, which saves lots of time to take care of stores in different locations. "We chosed ACTi unified solution is because of the excellent balance of quality and price, every cent of this investment is worth." comment by CEO of RED security.



ACTi Provided Superior and Affordable IP Surveillance System for Discovery Foods in Canada

Country: [Canada](#) 

Vertical Market: [Retail](#)

Software: [ACTi NVR](#)

Product: [ACM-4201 Megapixel IP Cube Cameras](#)



Background



Discovery Foods is a chain store which sells grocery in Canada. Recently, they have installed 10 x ACTi ACM-4201 Megapixel IP Cube Cameras for indoor surveillance at their Willow Point location.

Solution

The purpose of installing the surveillance system is mainly to curtail theft occurring within the store. Manager, Don Nicholas, knew the value of video surveillance when it came to managing his store. ACTi's

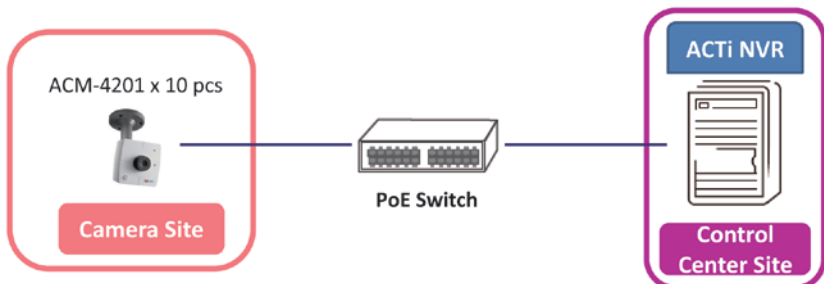
partner, Blanchard Security, was hired to install the surveillance system for Discovery Foods. When Don was approached by Marc Blanchard, owner of Blanchard Security, his analog camera system was not functioning for over 3 months. This proved to be a good thing, because Discovery Foods decided to go with an IP Megapixel surveillance system instead of repairing the old analog one. The whole management team agrees that the imaging is superior. "Blanchard security upgraded Discovery Foods surveillance system with both great and affordable technology, creating a safer environment for both my customers and my staff", Mr. Nicholas mentioned.

Benefit

The Megapixel cameras allow them to zoom in to get a closer look at activity within the store. For example, an incident occurred where a customer insisted that she was not given her cigarettes with her grocery purchase. The clerk spoke to the manager regarding this, and the manager searched through the footage of the ACM-4201 Megapixel IP Cube Camera. Not only could he see the customer receiving her cigarettes, but he could see what brand they were and which pocket she put them in!

The client chose an ACTi unified solution because it was cost effective and it outperformed traditional CCTV systems. When compared to the analog system quote given by a competing company, the ACTi unified solution allowed them to go with fewer cameras with more clarity for about half the price!

Discovery Foods has two locations in the Campbell River area. The owner of Discovery Foods has decided to go ahead with an ACTi installation for their second location in the spring of 2010.





Danish Shell Gas Station Installs ACTi Unified Solution in the City of Kalundborg

Country: **Denmark** 

Vertical Market: **Retail**

Software: **ACTi NVR**

Product: **ACM-1231 Megapixel IP Bullet Camera**
ACM-4201 Megapixel IP Cube Camera

Background

Safeguard who is an ACTi Partner in Denmark has a corporation agreement with the BFI organisation (Shell Dealer) - Shell Kalundborg (owner Mr. Hans Frederiksen) recently contacted Safeguard for an offer on a video surveillance solution on his gas station. At that time, Safeguard has already decided to migrate from analogue solutions to the new IP solutions.

Based on this strategic decision, Safeguard presented an offer to Mr. Frederiksen based on ACTi Unified solution using the local distributor SafeVision as support and channel to all ACTi products. After seeing the quality of the ACTi 1.3 Megapixel pictures - against the standard 550TVL analogue picture - Mr. Frederiksen without doubt decided to go for the IP-future.

Solution

Together with SafeVision, the system integrator Safeguard designed the solution using the ACM-1231 Megapixel IR LED Bullet Cameras for outside application and ACM-4201 Megapixel IP Cube Camera with POE for the indoor use. The fact that Megapixel cameras can now zoom in the recorded pictures, gives the IP system an advantage to reduce the number of cameras outside.

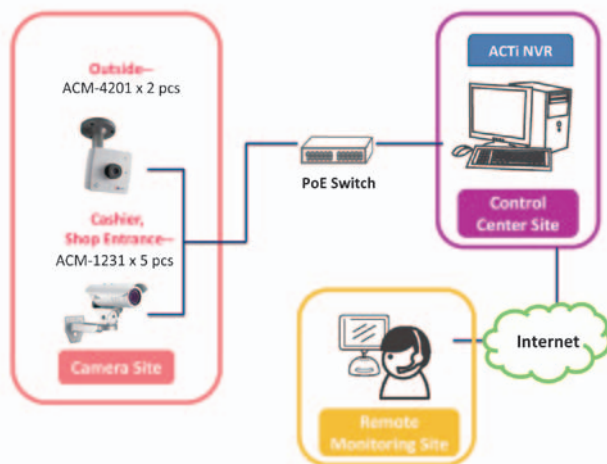
Benefit

5 pieces of ACM-1231 cameras were selected for the outdoor purpose because IR LED lights were necessary to see the license plates in the dark with the headlights turned on. 2 pieces of ACM-4201 Cube Cameras were installed inside the gas station. One of them covers the entrance to the shop, and the other covers every movement in the area of the cash register.

The camera above the cash register especially has received many positive reactions from other customers, because now they can actually see what note that the customers are giving out as well as what the cashier is typing on the POS monitor.

The ACTi IP Megapixel cameras are being managed by ACTi NVR Enterprise for the purpose to allow the owner to watch live and recorded videos from the gas station.

"This is working fantastic as you can see from the enclosed snap-shot pictures" –comments Martin Lundemann from Safeguard.



ACTi IP Surveillance Solution Helps to Secure RPG Cellucom Shops in India

Country: *India* 

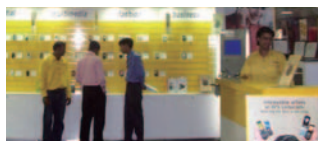
Vertical Market: *Retail*

Software: *ACTi NVR*

Product: *ACM-3401 Megapixel IP Fixed Dome Camera*
ACM-4000 IP Cube Camera



Background



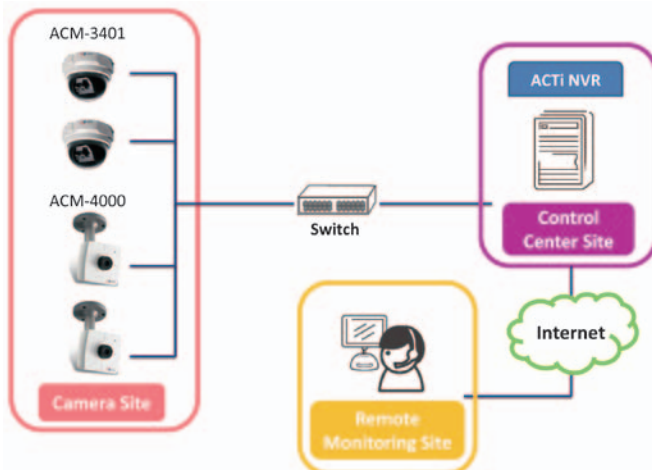
RPG Cellucom is India's leading retail chain for mobility solutions. Cellucom, over the years, has developed a distinctive retail concept by offering a variety of mobility solutions and a better shopping experience by sharing the knowledge of mobile technology in a consumer-friendly ambience. Currently Cellucom owns 200 stores which are across 20 cities including top four metros. It plans to set up 500 new stores by the end of Dec 2009. An easy, scalable surveillance solution is therefore needed.

Solution

ACTi's partner in India, BSW Soft, has successfully implemented an IP surveillance solution to provide RPG Cellucom shops for the purposes of criminal prevention and remote management monitoring. ACTi's unified solution is chosen because of its good image quality and cost-effective solution. The ACTi unified surveillance solution enables the managers and shareholders to have the ability to view their remote retail locations from the comfort of their homes via Internet.

Benefit

BSW Soft has implemented ACTi ACM-3401 Megapixel IP Fixed Dome Camera at each of the shops. At one of the sites, ACTi's ACM-4000 IP Cube Camera, have been used in combination with the dome cameras. ACTi NVR software is installed as the video management software to manage the videos recorded. It also provides user-friendly interface for people to browse through all the recorded data. ACTi NVR is very functional and easy-to-use, which can be accessed from any PC with internet connection.





ACTi Megapixel IP Cameras Were Installed at the Chain Store in Italy

Country: *Italy* 

Vertical Market: *Retail*

Software: *Vidéo*

Product: *ACM-4200 Megapixel IP Cube Camera*

Background

OSCAR CERAMI is a shop chain that counts numerous retail points within South Italy territory. The market is mostly focused on the sale of ceramics and pottery objects for home furnishing; OSCAR CERAMI is familiar to everyone especially for their large presence into the biggest shopping centers.

Especially when monitoring very small objects and little parts, the use of Megapixel resolution cameras perfectly fits the demand of high video definition and detailed images, in order to guarantee the best video control and an easier recognition of eventual robberies.

Solution

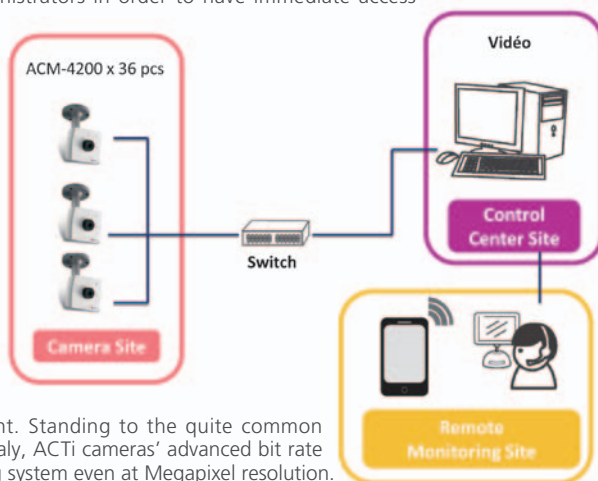
In this new project, 36 units of ACTi ACM-4200 Megapixel IP Cube Cameras have been distributed over 10 different retail points. In combination of the video surveillance software Vidéo, each live video stream flows to a central management station accessed by the security manager.

Benefit

What makes this project singular is that there's no client software in each retail shop and this means that the centralization system isn't just limited to settings, management and registration control, but even to real time advanced monitoring functions. Everything, then, is remotely controlled by a central control room. Here the main server supports the whole system and a second server is ready to start in action in case the main one went down. This architecture was built up in order to ensure the system 24/7/365 operation, according to shopping center security needs which are open every day the whole year. Furthermore the control room is equipped with 3 LCD monitors allowing real time live monitoring of all installed cameras.

Based on the server-client structure of the software "Vidéo" client software was installed on two mobile devices owned by the administrators in order to have immediate access to the live video streams from any point using 3G Mobile internet network. To provide a quicker operation from the client software during mobility, a touch screen technology was implemented in Vidéo software client.

One of the main aspects for this project was a correct management of the bandwidth. Each retail store, in fact, has its own router with a QoS (Quality of Service) management in order to avoid bandwidth crashes and to balance the video stream with voice over IP and retail/warehouse centralized management. Standing to the quite common performances of the bandwidth in Italy, ACTi cameras' advanced bit rate control permitted a good centralizing system even at Megapixel resolution.



ACTi Provides Unified Solution for a Convenient Store in Japan

Country: *Japan*



Vertical Market: *Retail*

Software: *ACTi NVR*

Product: *TCM-4301 Megapixel IP Cube Camera*



Background

Security Network Inc, a System Integrator in Japan, has successfully deployed a new IP surveillance system with the implementation of ACTi unified solution in a convenient store project, located in the Yokohama city.

Solution

The main purpose of deploying a new IP-based surveillance system for the convenient store is to do the loss prevention. IP cameras installed to monitor customers in case of any possible illegal activities occur. In addition, the clear image of recording video can prevent the loss of stockings.

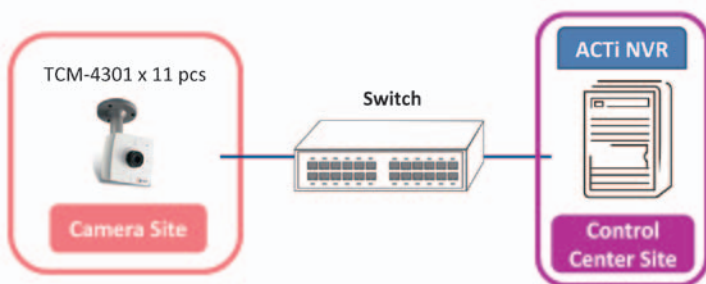
The new IP surveillance system comprises 11 units of TCM-4301 Megapixel IP Cube Cameras as well as the independently-developed management software, ACTi NVR Enterprise.

Benefit

The new IP surveillance system provided by ACTi is definitely a cost-effective way in comparison with the traditional CCTV system. Both of the models are equipped with Power over Ethernet (PoE), which enables data transmission and power support over single network cable. This can help on saving extra cable installation expenses and ensure that all cameras still operate smoothly when the power support fails.

Resolution and Compression is another strong feature that the retail store can benefit from an IP-based surveillance system. TCM-4301 IP Cube Camera supports Megapixel resolution up to 1280x1024 at 18 frames per second whereas analogue cameras can only provide video quality at D1 resolution the best. To ensure that there will be clear image supported in case of robberies or thefts, cameras with high resolution are certainly of great importance.

The strongest advantage of ACTi's unified solution is that it does not only provide videos in superior quality but also offers centralized management software to help customers monitor multiple locations on one platform. All the videos are transmitted via Internet network, web clients can easily link to the management interface via Internet Explorer. Distance is no longer an issue to limit people from monitoring remotely. Even if the owner of retail store is on a business trip to other countries, they can still have a clear view of every single corner at the retail store.



ACTi supports convenient and reliable IP Surveillance solution to ensure the security of the Retail Store. ACTi's unified solution is certainly the best choice to fulfill all the requirements this customer issued.



Bunnings Warehouse, the Leading DIY Store in New Zealand Got ACTi IP Surveillance System for Security

Country: *New Zealand*



Vertical Market: *Retail*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*
ACM-3001 IP Fixed Dome Camera
ACM-3401 Megapixel IP Fixed Dome Camera
ACM-5601 Megapixel IP Box Camera
ACM-5711 IP Box Camera
ACM-8201 Megapixel IP PTZ Camera

Background

Bunnings Warehouse is one of the leading home DIY store and building material supplier in Australia and New Zealand. It was established in 1886 and has around 280 stores in Australia and New Zealand.

Solution

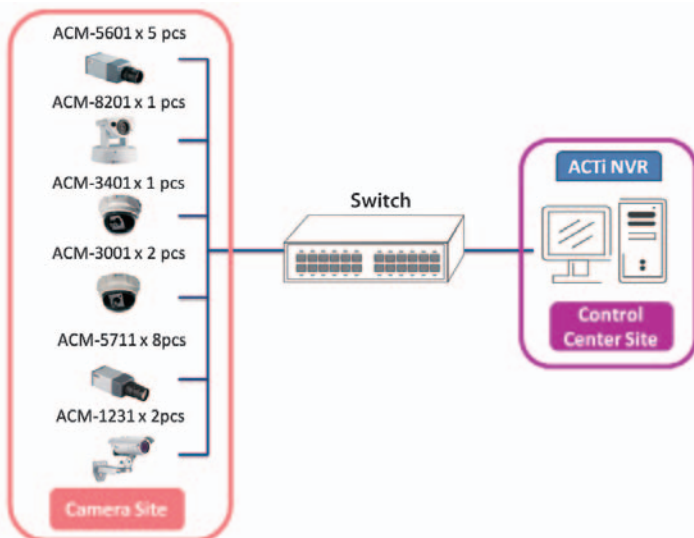
In order to secure customers, staffs, and store properties' safety, income security, ACTi's partner in New Zealand, introduced ACTi IP camera to Bunnings Warehouse. It helps Bunnings Warehouse to upgrade the DVR system to IP Megapixel system. There are 20 channels installed in one store. For critical areas like entrance or warehouse, IP cameras such as ACM-3401, ACM-5601, ACM-3001, and ACM-8201 are installed to capture more detail images. ACM-1231 Megapixel IP Bullet Cameras are installed outside of the building to watch over the visitors. In the shopping area, ACM-5711 IP Box Cameras are the perfect guards to look over the property of Bunnings Warehouse.



Benefit

With ACTi's camera along with ACTi NVR, the excellent video quality and high resolution meet the requirement of Bunnings Warehouse. Especially the Megapixel resolution provides very detail and clearer image than the previous DVR system. It's safer for the customer and the store owner and can provide evidence when there's an argument or accident.

The first phase of installation is a great success. There will be more and more Bunnings Warehouse secured by ACTi IP surveillance system in the near future.



ACTi's Unified Solution Secures the Restaurant "La Gil" in Romania

Country: *Romania*

Vertical Market: *Retail*

Software: *ACTi NVR*

Product: *ACM-1231 Megapixel IP Bullet Camera*

ACM-3511 Megapixel IP Fixed Dome Camera

ACM-4100 IP Cube Camera

ACM-4201 Megapixel IP Cube Camera

TCM-4301 Megapixel IP Cube Camera



Background

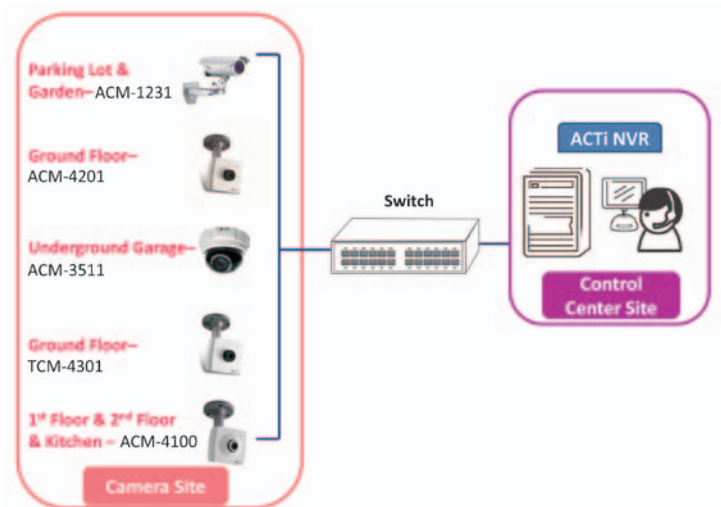
Restaurant "La Gil" a new building in modern style, very elegant and Romanian cuisine, has three exhibitions, La Gil has three floors and capable to hold over 500 people for large party, conference and wedding. Outdoor garden is also decorated with several beautiful trees and flowers for you to enjoy the wine, delightful cuisine with sunshine. In order to secure the safety of customers and the restaurant property, La Gil chose ACTi unified solution for security monitoring.

Solution

With the ACTi NVR Enterprise surveillance system, Restaurant installed in stylish TCM-4301 Megapixel IP Cube Camera and ACM-4201 Megapixel IP Cube Camera, stylish cube Megapixel camera in the dining area for 1st and 2nd floor. ACM-4100 IP Cube Camera is installed in the kitchen and ACM-1231 Megapixel IP Bullet Camera is installed in the outdoor garden and parking lot.

Benefit

A modern large size restaurant such as La Gil is enjoying the benefit of ACTi Unified solution and our full range of high quality camera line. To secure the dining area but not to be too offensive to our guest, we offered TCM-4301, stylish cube Megapixel cameras. As the dark underground garage, we offered ACM-3511 Megapixel IP Fixed Dome Camera which has IR-Led and Megapixel resolution. For outdoor garden and car park, ACTi provides all in one camera ACM-1231 which is IP66 rated housing with vari-focal lens and Megapixel quality for a rough environment. Furthermore ACTi offers professional NVR software to manage the entire video files and offer remote monitoring for owner to take care his restaurant at all time anywhere.





G&G Gas Station Chose an Open Platform Surveillance System for Station Monitoring

Country: *Slovakia*



Vertical Market: *Retail*

Software: *Exacq*

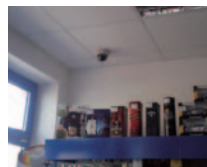
Product: *ACM-5611 Megapixel IP Box Camera*

Background

G&G Gas Station is the local Slovakian chain petrol station, and is a self-service station, so people can fuel up petrol by themselves. Also, it provides additional services including car wash as well as light shopping covering food and drinks for drivers.

Solution

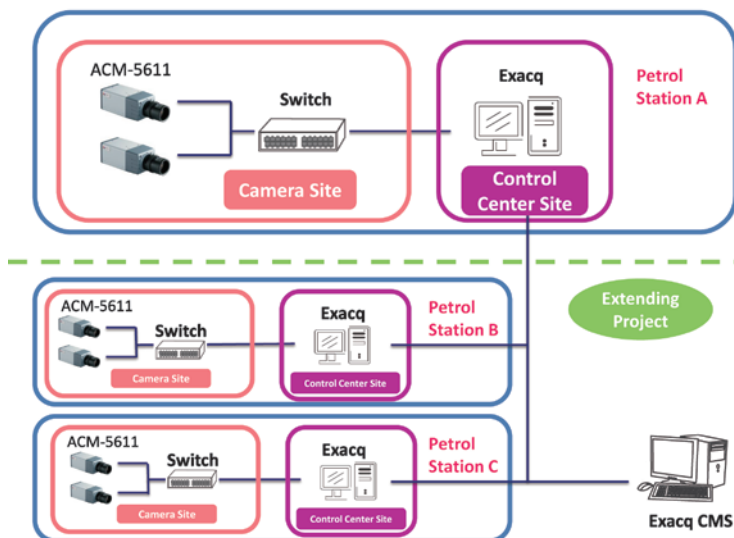
In order to monitor the drivers and the gas-filling process, G&G gas station is in need of a security system supporting good video quality with more details recorded to ensure that the station owner is able to recognize the license plates of each car entering and also the drivers' faces.



Benefit

Scanlock, the leading company in Slovakia, specializing in CCTV solution, proposes an open platform solution comprising ACTi Megapixel cameras along with Exacq application software for the end user. "With ACTi ACM-5611 Megapixel IP Cameras, customers are guaranteed to get good video quality during both Day and Night modes. In addition, Megapixel cameras support effective pixels at 1208x1024, which is perfect for car plate recognition. The new IP –based system also leaves higher flexibility for the gas station's future expansion. Now the station owner can expand the monitoring sites and achieve centralized management at the same time." said Mr. Krug, the owner of Scanlock.

"We are very happy with the video quality of ACTi's Megapixel cameras. It provides clear image of everything recorded. The new IP system is definitely a practical solution, and also, the price is very reasonable!" comments the owner of the G&G Gas Station.



ACTi Secured Tire Center in Thusis, Switzerland

Country: **Switzerland**



Vertical Market: **Retail**

Software: **NUUO**

Product: **ACM-1231 Megapixel IP Bullet Camera**

ACM-4201 Megapixel IP Cube Camera

ACM-5611 Megapixel IP Box Camera



Background

The company HANTAG Handels AG was founded by brothers Peter and Stefan Tanno in 1994. The core business is the tire dealership. The existing activities will be extended by a new and modern injection plant. With the fast expansion of the company, an effective surveillance system was needed in order to have full control on the perimeters of the property, as well as keeping an eye on the movement inside the building.



Solution

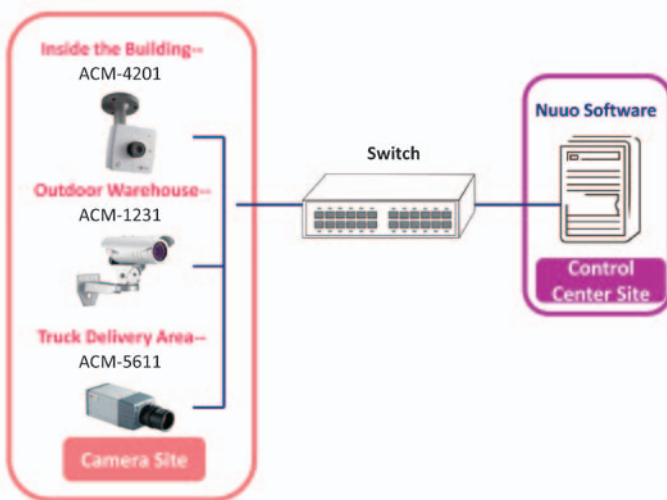
The all-in-one IP66 model ACM-1231 Megapixel IP Bullet Camera was installed to secure the outdoor warehouse of the tires. ACM-5611 Megapixel IP Box Camera was then implemented to monitor the trucks delivery area. Its Megapixel resolution along with its day and night function was the best

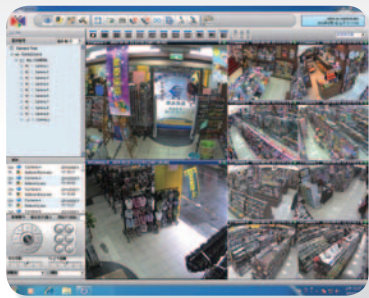
solution to see the license plates clearly even at night time. Finally, the cost-effective Megapixel model, ACM-4201 Megapixel IP Cube Camera, was used inside the building to have a clear picture about the movements of people and property.

Benefit


Alarm Service & Zentrale GmbH, a well known system integrator for CCTV, Alarm and Fire protection in Switzerland along with ACTi's local distributor SANTRONIC AG was awarded to complete this project with high video quality products – ACTi cameras. The open platform solution which comprises ACTi Megapixel cameras along with Nuuo software is one of the reasons that ACTi was chosen.

Besides, the all-in-one outdoor camera ACM-1231 is equipped with IR LED provides the best quality of images even in the night time. These cameras are PoE supported which the data and the power supply can be transmitted via single network cable. However, the most important reason that ACTi was chosen is that ACTi offered the best price/performance solution to the end user.





Jin Yuh Tang Stationary Chose ACTi's Unified Solutin to Make an Easy Surveillance System

Country: **Taiwan** 

Vertical Market: **Retail**

Software: **ACTi NVR**

Product: **ACM-1231 Megapixel IP Bullet Camera**
ACM-4200 Megapixel IP Cube Camera

Background

In 1997, dealers of stationary in Taiwan started up a joint venture, Jin Yuh Tang Franchise, in order to have more bargaining power against their vendors. This is the start of stationary franchise business. As its steps into cities and towns across Taiwan, hundreds of franchises are started up. Till today, Jin Yuh Tang Stationary Store has become the largest one in Taiwan.

The wide-open entrance of Jin Yuh Tang Stationary Pingdong Store makes the security control even more difficult. It then needs Megapixel video surveillance system with high resolution and simultaneous audio recording function at the checkout area. In addition, to analyze customer behavior, shop routes, hot-selling products, peek time, demographic data and how they relate to the sales result, managers wish to have remote access to the live view and instant playback by IE browser. Given these inquiries, the system integrator chose ACTi Megapixel IP camera and ACTi software NVR to meet all these requirements.

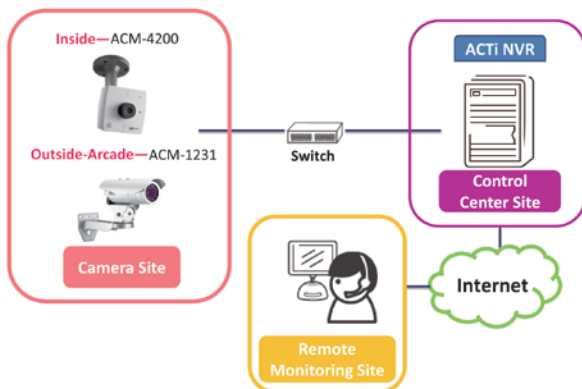


Solution

The store is equipped with ACTi ACM-4200 Megapixel IP Cube Cameras indoors. Outside of the store, it needs the IP66-rated weatherproof ACM-1231 Megapixel IP Bullet Cameras. Both models offer up to 1280x1024 Megapixel resolution at 8fps video streaming. The MPEG4 compression further saves the storage size so as to allow long-period recording. The simultaneous audio and video recording function of ACM-4200 at checkout area makes it possible for the store manager to remotely monitor or play back to listen to the conversation between the staff and customers to avoid any disputes.

Benefit

Ever since its adoption of ACTi's Megapixel video surveillance system, Jin Yuh Tang Stationary Pingdong Store enjoys the high resolution video quality and the remote access, live view and playback functions by ACTi's software NVR. Managers can now easily zoom in to double-check any suspicious movements. This system can be easily upgraded in the future to support 2 Megapixel IP cameras thus making the investment worthwhile. The owner of the Jin Yuh Tang Franchise is satisfied with this project and is planning with the system integrator for the overall replacement for the old, poor-quality analog cameras.



Wellworths, Dorchester Store Re-opened with ACTi IP Solution

Country: *United Kingdom* 
 Vertical Market: *Retail*
 Software: *ACTi NVR*
 Product: *ACM-4201 Megapixel IP Cube Camera*



Background

Wellworths, a new born phoenix rose from the ashes of Woolworths in March 2009. The Woolworths UK store chain folded in December 2008, and the last of its stores closed in January 2009. When the store in Dorchester re-opened as Wellworths, it gained extensive publicity through all the media worldwide. Established a hundred year ago, 'Wollies' has been a household name, held with real affection and recognized internationally.

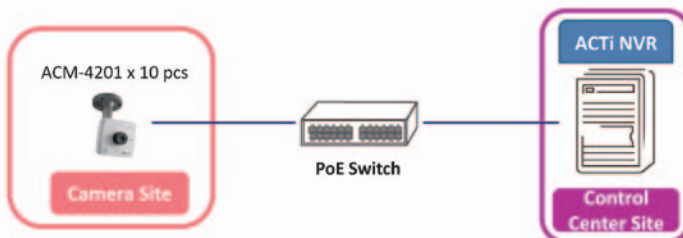
Solution

It became apparent a few months after opening that shop lifting was becoming more of a problem and that a CCTV system was now required for the store. Claire Robertson, former manager of the Woolworths store in Dorchester and founder of Wellworths, chose an ACTi CCTV solution supplied and installed by local company BBS Security Systems Ltd. She says, "We looked at three other suppliers of CCTV systems but we weren't happy with the quality and price until we came across BBS Security Systems with their ACTi solution. The system was installed quickly and efficiently over a weekend. Within two days of the system being installed, we had caught a gang of three shop lifters. The police were able to easily identify them immediately from the superior quality footage."

Robert Power, financial controller says, "It's the little thing that makes the system easy to use. The live digital zoom, easy playback and easy burning onto discs are very effective. The cameras also have inbuilt microphones so you can hear everything that's going on in the store. There's also a choice to attach speakers to the cameras for 2-way communication"

Benefit

ACTi's partner, BBS Security Systems, based in Dorchester & Bournemouth, is specialist installers of IP (network) & Analogue CCTV systems. After a thorough understanding of Wellworths concerns that during a recession there is a need for more vigilance and security, BBS proposed ACTi IP cameras with ACTi NVR Software. 10 ACM-4201 Megapixel IP Cube Cameras powered by PoE were deployed throughout the store, recording continuously during daytime opening hours and by motion detection at night. All the video streams were transmitted through CAT5 cables within the LAN network. The excellent picture quality, great low light performance and 2-way audio function have demonstrated that ACTi cameras were a good choice. Moreover, ACTi offers free bundled software but their cameras can be integrated with numerous third party software vendors that provide greater options. "They were well worth the money" said Robert Flanagan, BBS Security System's Managing Director.





Cegelec Nord Est Chose ACTi IP Cameras for Parking Building Surveillance in Colmar, France

Country: **France** 

Vertical Market: **Transportation**

Software: **Milestone**

Product: **ACM-7411 Megapixel IP Fixed Dome Camera**

Background

The city hall of Colmar in North-Eastern France has constructed two new parking buildings from 2009 to 2010, on which each requires 60 to 70 cameras for live video surveillance from remote monitoring and control. ACTi's partner, Cegelec, the well-known international French electrician integrator has been awarded for this contract and has selected ACTi Corporation and ACTi local distributor partner, International Telecommunication, to fulfill this project.

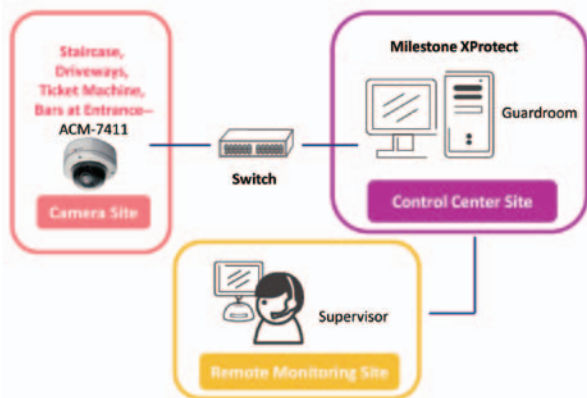
Solution

In total, there will be 130 units of ACM-7411 MPEG-4 Megapixel Day & Night Vandal Proof IP-66 PoE Fixed Dome Cameras, installed with Milestone XProtect Video Management Software. First phase (70 units) has been carried out in December 2009 while the second phase (60pc) in March 2010.

Like many other on-going building constructions, a complete network infrastructure is usually pre-planned, which has made IP surveillance solution the most suitable and cost-effective option that lies in line with latest technology evolution, with the advantage of easy extension in the future. The surveillance installation includes 4 major areas: drive ways, stairways, cash machines and counters for payment, and entrances. IP-66 and vandal proof casing are therefore the minimum camera specification requirement. In case of accidents during night time, ACM-7411 D&N function provides good low-light visibility and 1.3 Megapixel for clear image details. In conclusion, 1.3 Megapixel under ACTi MPEG-4 compression adds to the important benefit of today's video surveillance purpose: high video quality without adding overhead to the bandwidth consumption. The video footage of 2 buildings are therefore easily registered locally in the server room of the buildings with guardians doing centralized live monitoring in the control room and 24/7 remote video access from the city hall whenever there's any emergency.

Benefit

The parking building of Colmar serves as an important milestone for ACTi vertical market penetration. It demonstrates the strong tech support and project sales ability of ACTi in local languages, which is an essential value rarely found in leading IP camera manufacturers today. The high reliability of ACTi products positioning at a reasonable price has also been appreciated by the French security market. Several different mid-to-large scale projects have been deployed all over France in the past years throughout government and private sectors.



The ACM-7411 Ensures Safety of Railway Vehicles in the Train Station Area of Erfurt in Germany

Country: *Germany* 

Vertical Market: *Transportation*

Software: *Alnet*

Product: *ACM-7411 Megapixel IP Fixed Dome Camera*



Background

Erfurt, is the capital city of Thuringia and is the main city nearest to the geographical centre of Germany. In the past, those vehicles of the Erfurt train company were often damaged by graffiti which trains are sprayed paint during the night time. The action the train company can take is to have the train station being patrolled by staff members, but it was not possible to get an overview of the whole situation.

Solution

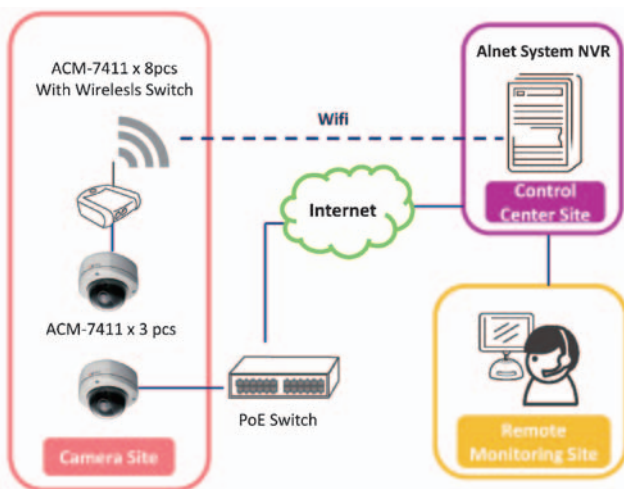
The solution was to install ACTi cameras for a permanent video surveillance of the train area. There were several strong requirements for the cameras. Firstly, no cable lying is possible. Since there are lots of railways and the surveillance system should not interfere the traffic, the cable should be wisely hidden. Secondly, power supply only via lamp poles, then the camera can have the power supply via PoE without having too many cables in a mess. Thirdly, strong night performance, the graffiti are mostly processing at night, the camera has to be able to recognize people even in the dark. Fourthly, the video server has to be installed in the data center of the train station. Fifthly, remote access on the video recordings and live stream from central control center

Benefit

ACTi ACM-7411 Megapixel IP Outdoor Vandal Proof PoE Dome Camera was chosen because it offers detailed 1.3 Megapixel high resolution pictures with strong night performance. IP66 weatherproof and vandalism-proof housing with heating for the rough environment could prevent the cameras from damaging. With its easy integration with the wireless network consisting of Linksys wireless switches and Lancom point-to-point radio systems, the ACM-7411 ensures a seamless remote access,

management and recording of the video of the train station area. Alnet software was chosen for this project because it supports the whole ACTi camera product line.

With 11 units of ACM-7411 cameras constantly monitor the train station area the safety of the railway traction vehicles is enhanced. With recordings of potential incidents like graffiti spraying, the suspected criminals can be identified by ACTi high resolution images!





ACTi Unified Solution Helps Kinmen Harbor Bureau to Manage the “Mini Three Links” Easily

Country: **Taiwan** 

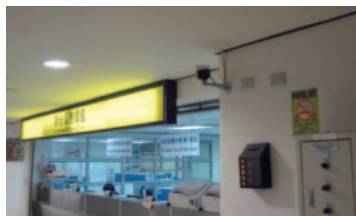
Vertical Market: **Transportation**

Software: **ACTi NVR**

Product: **TCM-5311 Megapixel IP Box Camera**

Background

In 2001, the Taiwanese government announced the policy of “Mini Three Links” between Taiwan and China. This means people in Taiwan and China will have chance to do the direct postal, transportation and trade. Kinmen, situated at the key location of the trade, needed to get well-prepared to serve all the coming passengers and travelers. Thus, Kinmen Harbor Bureau decided to re-decorate the rest area and gift shops, and moreover, increase the food court services.



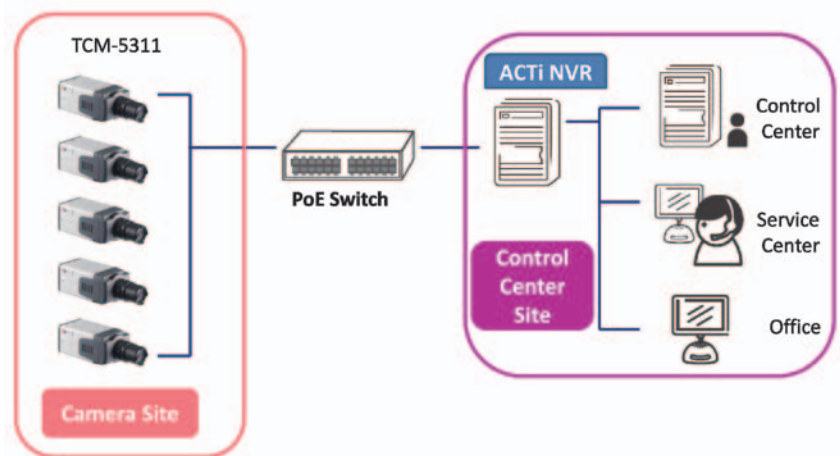
Solution

In order to simplify the management, Kinmen Harbor Bureau Office chose over 60 units of TCM-5311 Megapixel CCD IP Box Camera with ACTi NVR as the solution to provide ultra-high-video quality surveillance. The officers can effectively manage and monitor the entire customs building. They are satisfied at high-resolution pictures and video clip. It is a great help for the administrator to efficiently monitor every area. Moreover, two-way audio function can be added if needed. The officer can have instant conversation to control the situation immediately.

Benefit

Since the ACTi IP surveillance was installed, Kinmen Harbor Bureau officers benefited from the high-resolution images. ACTi NVR is capable of immediate live view and playback monitoring.

Besides, the scalability of ACTi NVR can help to avoid unnecessary cost if they want to install more IP cameras in the future.



ACTi & Olli Trans Provide Multiple Media Service for Traffic Monitoring in Kiev, Ukraine

Country: *Ukraine* 

Vertical Market: *Transportation*

Software: *OLLI TRANS*

Product: *ACM-1231 Megapixel IP Bullet Camera*
ACM-1431 IP Bullet Camera



Background

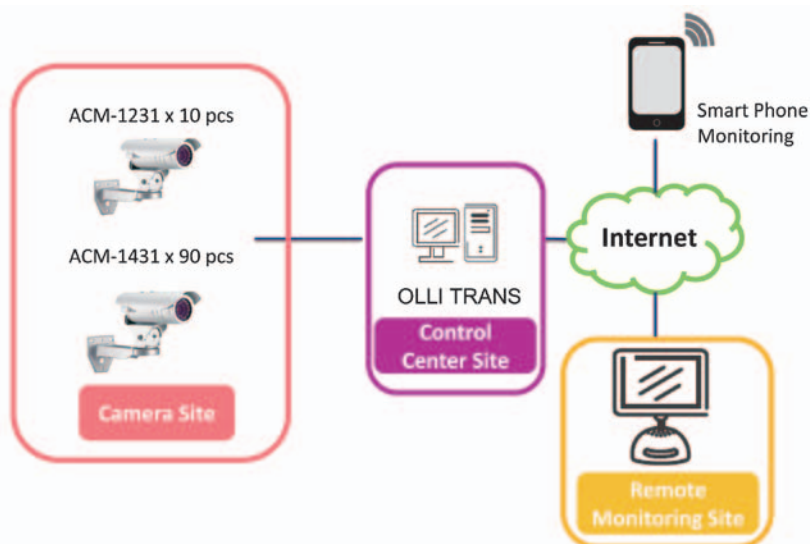
VIDEOPROBKI provides online information about the traffic conditions in Ukraine. The service presents the real time TV quality content of traffic live view, and traffic analyses to local TV channels or providing traffic information through SMS/MMS mobile service.

Solution

There are 100 units of ACTi IP camera were installed. 10 units of ACTi ACM-1231 Megapixel IP Bullet Cameras and 90 units of ACM-1431 IP Bullet Cameras were installed at main streets in Kiev and provide 24 hours live view of traffic. With ACTi SDK (Software Development Kit), video stream from camera was easily integrated into Olli Trans' multimedia service.

Benefit

ACTi outdoor bullet cameras provide clear image at both day time and night time, since IR LED and mechanical IR cut filter are equipped. Moreover, build-in vari-focal lens, IP66 housing, and PoE function also make installation much easier. Besides, with the live view of the instant traffic, people can avoid the traffic jam. Even when the car accident happens, the police can even know the situation immediately. Moreover, they can play back to a certain time for the record they need. The traffic monitoring will be more effective and more precise.





ACTi Has Enabled Glasgow Prestwick Airport in UK to Upgrade from Analogue Systems to IP Surveillance

Country: *United Kingdom* 

Vertical Market: *Transportation*

Software: *Hybrid DVR*

Product: *SED-2100R Video Encoder*

SED-3200 Video Decoder

Background

Glasgow Prestwick Airport is an international airport serving the Greater Glasgow urban area, situated 1.9 km northeast of the town of Prestwick in South Ayrshire and 32 miles from the city centre of Glasgow, UK.

In physical terms, Prestwick is Scotland's largest commercial airfield. In order to ensure the safety of passengers, they decided to use ACTi video encoder and video decoder to upgrade the existing CCTV system to IP surveillance system.



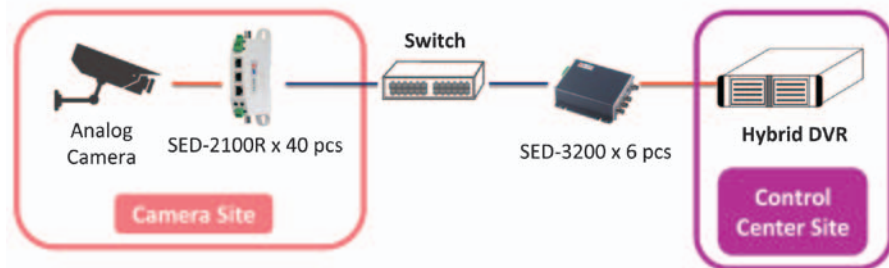
Solution

ACTi's SED-2100R Video Encoder, and SED-3200 Video Decoder, has enabled Glasgow Prestwick Airport in UK to upgrade from analogue based systems to IP based CCTV systems. Incorporating with Visual Management Systems product, Titan Vision, the new system allows having centralized control and high integration of access control, electronic security, different CCTV, and fire monitoring. Besides, it also provides high flexibility of system extension and remote access of local video footage archive.

Glasgow Prestwick airport installed 40 units of video encoders, 6 units of video decoders and one IP speed dome by the end of June to prepare G8 leaders' landing for the G8 Summit at Gleneagles.

Benefit

ACTi's MPEG-4 IP products provide D1 (720x576) resolution at 25 frames per second and utilize low bandwidth and storage size. Besides, ACTi video encoders and video decoders helped Glasgow Prestwick Airport to upgrade to IP surveillance without discarding the existing analog cameras. ACTi helps to save huge cost in hardware equipment and operation resource. With the monitoring of ACTi IP surveillance, Glasgow Prestwick Airport provides the passengers from all over the world a safe traveling now.



Beijing Capital International Airport Adopts ACTi IP Camera to Secure Passengers' Safety

Country: *China* 

Vertical Market: *Transportation*

Software: *ACTi Activator*

Product: *CAM-7200 Fixed Dome Camera*



Background

ACTi IP cameras have been deployed at Beijing Capital International Airport Terminal 2. The project covers other security applications which are provided by ACTi's partner in Beijing, a solution provider on alarm system and network management. With the installation of this system, it largely improves the safety of all passengers.

Beijing Capital International Airport is an aviation gateway for Beijing and a window for international communication. The terminal 2 of this airport is able to handle 26,500,000 passengers yearly and 9,210 passengers at peak hours. Owing to the crucial geographic location of Beijing Capital International Airport, 66 domestic and foreign airline companies are participating in the operational business, including 11 domestic companies and 55 foreign companies. More than 5,000 scheduled flights are available to 88 cities in China and 69 cities abroad.

Solution

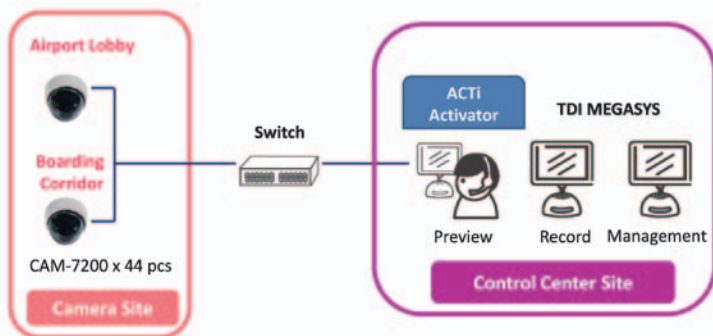
The host of this project perceived several key benefits from the ACTi's IP camera as compared with the older CCTV system and other different IP cameras especially on video quality and network system consumption since ACTi's IP cameras are able to provide full D1 resolution but just with 1.2M bandwidth requirement. The security system in the Airport composes 120 CAM-7200 Fixed Dome Cameras from ACTi and its streaming activator for monitoring purpose. Right now the Airport has been installed with 44 ACTi CAM-7200 already.

Benefit

Leveraging the current network resource of the airport and alarm system from our Beijing partner, the security management becomes much convenient and simple. The security managers could have real time monitoring from their office. This not only enhances the productivity but the efficiency for their tasks. The installer also mentioned that IP camera's installation is very easy and could avoid the trouble normally caused by analog camera system for distant monitoring.

Beijing Capital International Airport is another milestone for ACTi in IP surveillance industry after successfully providing its solutions in Scotland's Glasgow Prestwick Airport. ACTi will provide its

very sophisticated solutions for more demanding high security airports in the world. ACTi commit to provide more reliable and safer system and service.





Lisheen Mine Prevents Pilfering with ACTi Security Solution in Ireland

Country: **Ireland**



Vertical Market: **Utility & Energy**

Software: **Milestone**

Product: **ACM-5611 Megapixel IP Box Camera**
ACM-7411 Megapixel IP Fixed Dome Camera
CAM-6600 Series IP Speed Dome Camera

Background

The Lisheen Mine site in Co. Tipperary extends over a 9km square area. With a large perimeter of 3km on each side and expensive reel of copper wire on site, the mine was a vulnerable target for pilfering. In fact several thefts had taken place on the site prior to the installation of an IP security solution devised by RT communications with GVD.

Solution

Large commercial sites can use wireless network security solutions to prevent pilfering of expensive equipment that may be left on site during works. The availability of power & data connections to all areas of a site during works or on a Greenfield site can pose difficulties when trying to deploy a security system to protect against intruders over a large area and secure the perimeter. However using a wireless network with Power over Ethernet (PoE) IP cameras means large sites can be protected a lot easier and cost effectively.

A wireless network was installed over the 9km square area which consisted of Point-to-point Bridge links, point to multipoint base station and subscriber units from the Proxim family of wireless kit. As with all wireless installations that GVD advised on, the system was configured over a 5Ghz frequency – this is unlicensed and there are few other pieces of equipment that use this frequency, thus allowing for low interference and rock solid connectivity. A total of 14 x ACTi CAM-6600 series IP Speed Domes were mounted on poles supplied by RT communications to survey the perimeter area.

The NVR is a WindowsTM Server with Milestone XProtectTM Professional installed. There are also two ACTi ACM-5611 IP box cameras and two ACTi ACM-7411 IP vandal domes mounted around the site buildings. The entire system is deployed to the highest standards to protect the zinc & lead ore mine at Lisheen. Obviously hand in hand with such a valuable site there is a massive amount of investment in engineering supplier and equipment that need to be protected.











Benefit

For mine security, there are lots of advantages of having IP surveillance. Firstly, ACTi provides Megapixel picture quality for superior image quality. Secondly, ACTi IP surveillance is scalable which works with Milestone Professional to assist more cameras without requiring a new NVR. Moreover, it is easy to use the system to exporting footage. Thirdly, along with the wireless network the cost of having IP surveillance could be reduced. Fourthly, the supervisors can still monitor remotely by using IE Browser via internet.

















"Our client is very happy with the Milestone & ACTi system now in place. It has helped them to reduce theft and their man guarding costs. The wireless network is ideal for this site as tying to route coaxial cable throughout the site would have been a non-starter. Since the initial solution was installed we've added additional cameras very easily on the Milestone platform. The entire site is very manageable from a maintenance perspective and most importantly our client is delighted with the quality of pictures and the ease of use of the export footage & playback functionality", says Sean Mullally, Sales Director, RT communications.



Worldwide Successful Projects

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