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Country: Thailand 🇹🇭
Vertical Market: Airport
Solution: Hybrid DVR
Product: SED-2120 Video Server +
SED-3200 Video Decoder

ACTi Empowers IP Surveillance for TMB Bank in Thailand Airport

ACTi's partner in Thailand successfully helped Siam Commercial Bank Suvarnabhumi Airport Branch to complete a hybrid CCTV + IP Surveillance System.

Suvarnabhumi Airport is the new Bangkok International Airport (BKK). All domestic and international flights now arrive to and depart from this airport. So you could imagine how significant the security is in all the airport bank branches.

Why use IP?

There are 19 Siam Commercial Bank Branches in Suvarnabhumi Airport. Distance between each branch was an issue. Moreover, Suvarnabhumi Airport did not allow contractors to wire any further cables. Therefore, only the existing fiber optic infrastructure can be taken into consideration. Due to the limited time for the installation, finally ACTi's partner in Thailand decided to use the fiber optic network to build up the security system.

With 60 pieces of ACTi Video Server SED-2120 installed in 19 branches, all the analogue cameras' video can be transmitted over the fiber optic network and sent back to the control center (called" Node Room").

In the Node Room, 60 pieces of Video Decoder SED-3200 were set up for converting digital back to analogue. Then all the analogue streams are recorded in the DVR and managed by CMS software which Siam Commercial Bank had already purchased.

Here, our Thailand partner offered a perfect solution which fits end user's installation environment including existing network infrastructure and DVR system. While traditional CCTV solutions are still being used by many security installers, how to solve the problems which cannot be improved by old solution becomes the key to success.
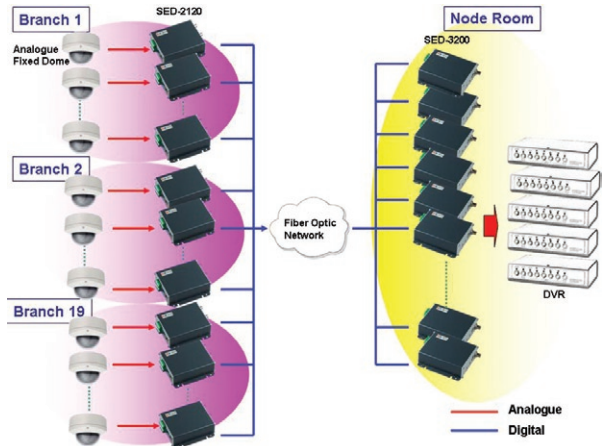
ACTi Hybrid Solution Enables Surveillance for SIAM Bank in Thailand Airport

ACTi IP surveillance system is successfully installed in Suvarnabhumi Airport in Thailand. Under Cablecom Network's consultancy, planning and implementation, the IP surveillance system enables TMB BANK Public Company Limited to remotely monitor the real-time video of TMB in Airport at their headquarter.
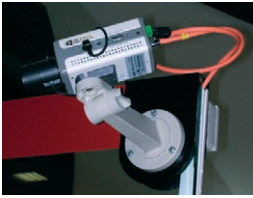
ACTi IP Surveillance System provides easy integration platform for existing SAN system. Also IP Surveillance is flexible for adding cameras in the future.

For project management and security reasons, ACTi's IP Camera, CAM-5300P is implemented to provide video monitoring of TMB activities and progress in real time. The video is transferred by LAN linked to a local control room. Then it will be transferred through Internet, to the company headquarter. CAM-5300 can be managed and controlled locally or remotely by the video management software, Priovide by Griffid.

TMS is really satisfied with the clear video quality of ACTi's camera and its high resolution. The zoom in/out function provided by Griffid's software is very useful.
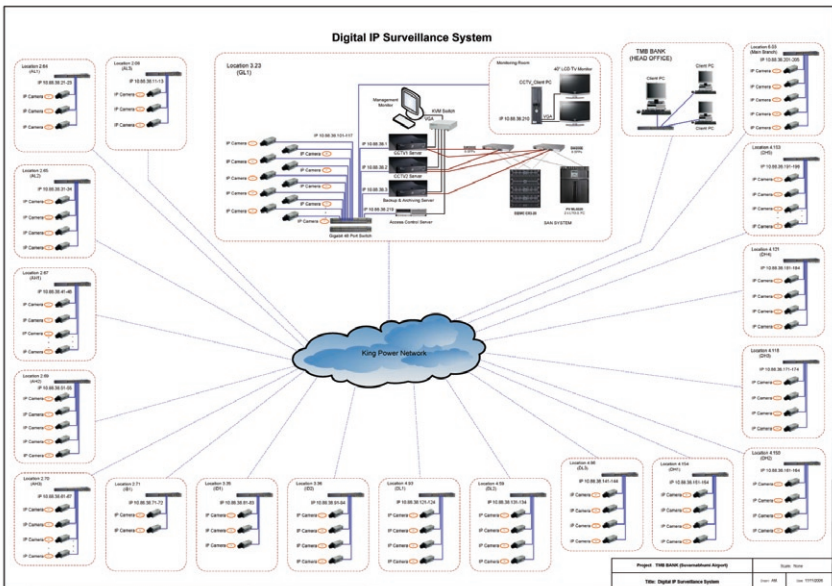
Country: *United Kingdom*
Vertical Market: *Airport*
Solution: *Hybrid DVR*
Product: *SED-2100R Video Server +*
SED-3200 Video Decoder

ACTi Upgrades Glasgow Prestwick Airport From Analogue to IP Surveillance

ACTi's Video Server, SED-2100R, and Video Decoder, SED-3200, 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 servers, 6 units of decoders and one IP speed dome by the end of June to prepare G8 leaders' landing for the G8 Summit at Gleneagles.

Why Chose ACTi?

ACTi's MPEG-4 IP products provide D1 (720x576) resolution at 25 frames per second and utilize low bandwidth and storage size. It saves huge cost in hardware equipment and operation resource.

ACTi IP Surveillance Solutions Empower Security for Kuwait's Financial Company and Its Branches

Al Aqeelah, Finance, Leasing & Investment Company in Kuwait, used ACTi's total solutions to build their state of the art video surveillance systems, which is designed and deployed by ACTi's partner who specialized in System Integrations in Middle East.

Al Aqeelah, an investment company, consists of headquarter and branch offices. Because each office is located at different sites, each remote camera is required to be connected and be consolidated to a centralized security system. As well since the company is recently established, their management would like to have an overview for the activities taking place at the branches. It would be difficult and expensive if you think of implementation with analogue CCTV systems.

Based on Al Aqeelah's requirement, our partner proposed ACTi's total solutions in order to fulfill the demand of centralized security systems with distributed cameras and smooth video transmission under low bandwidth.

Al Aqeelah chose ACTi's solution because ACTi provides excellent video quality under lower bandwidth. ACTi adopts MPEG-4 ASP compliant video compression technology for all own developed IP cameras, IP domes and IP PTZ cameras.

This project currently incorporates five IP PTZ cameras and one IP fixed dome and ACTi's video management system. The whole system can be flexibly controlled by General Manager, IT Manager, and Branch Manager remotely or locally.

" We are satisfied with ACTi's IP surveillance systems. The IP cameras come with good video quality and the software is easy to be managed. It is an IP base solution that it leaves the flexibility to be extended in the future and integrated with the central access system to achieve an optimum security level." said Executive Manager of ACTi's partner in Kuwait.
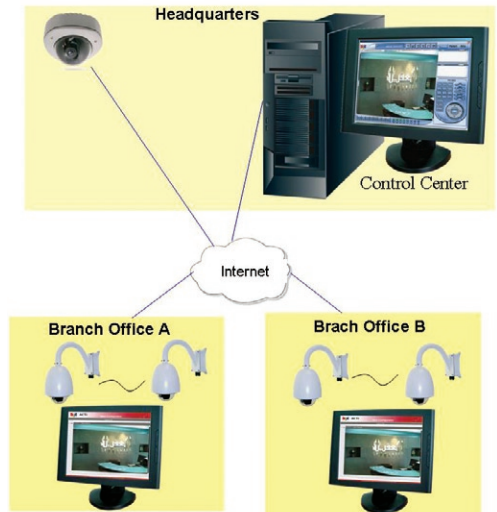
Country: *Malaysia*
Vertical Market: *Bank & Finance*
Solution: *IP Surveillance, Wired*
Product: *SED-2100R Video Server +*
ACTi Streaming Activator

Financial Services Company Selects ACTi IP Surveillance Solution for Data Center Protection

Hong Leong Assurance Berhad (HLA), a licensed composite insurance company, is the financial services arm of Hong Leong Group Malaysia, which is one of Malaysia's largest conglomerates. In order to protect the Financial Insitiution's Data Center which contains their computer infrastructure and sensitive customer data, HLA selected ACTi IP Surveillance Solution for constructing their security surveillance system.

With high speed network infrastructure is in placed and available in HLA Data Center, IP Surveillance Solution, therefore, is HLA's idea surveillance architecture. Connection via Ethernet cable instead of 1-to-1 coaxial cable links reduces both cable and labour costs. Cabling becomes simple and the installation also comes with minimized cabling. ACTi IP Surveillance Solution also allows personnel in Data Center and IT Manager of HLA to access any camera anytime. Via Internet, remote and multiple locations can be monitored anywhere and managed centrally. Lower installation, operation and maintenance costs sharply lower overall cost of ownership. The lowest total cost of ownership is also important for HLA's decision of using ACTi IP Surveillance Solution instead of standard DVR solutions.

The ACTi IP Surveillance Solution for the HLA Data Center, comprising hardware and software, provides full resolution and real time surveillance and recording. ACTi's Video Servers, SED2100R are installed to connect the sixteen units of analog domes. Recording is carried out by ACTi's Streaming Activator to store all the events.

This project is a significant win for ACTi as its product coming with high compression ratio, resolution and quality. With ACTi's video servers, it consumes lower bandwidth and it will not impact HLA's network performance at all. ACTi's technology delivers high resolution and real-time video; therefore it ensures the precise identification needed for reliable surveillance.

" We find ACTi's IP Video Servers easy to integrate analog cameras to our IP network, to give high resolution and real time recording." Said Mr Steven Thee, Data CenterManager at Hong Leong Assurance Berhad, Malaysia.
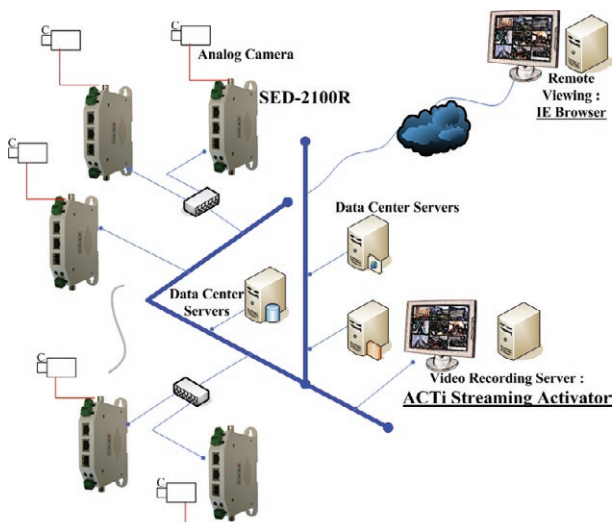
ACTi Unified Solution Secures 65 Branches of XAC Bank Throughout Mongolia

XAC Bank is a community development bank and microfinance institution in Mongolia, headquartered in the capital city, Ulaanbaatar. It has 65 branches all over the country.

In order to secure customers, staffs, and the properties of every XAC branch, Summit Computer Technology introduced ACTi Unified Solution to the bank. There are 257 units of ACM-5600 series megapixel IP cameras installed in 65 XAC Bank branches throughout different cities in Mongolia. Each branch has NVR Enterprise software implemented for local surveillance monitoring. All the video data are simultaneously transmitted to the control center at headquarters via WAN for database backup.

The most significant benefit of using ACM-5600 series is its megapixel resolution which provides supreme details for important areas like receptions and entrances. With the support of ACTi NVR software, our client can achieve local monitoring and central management at the same time. ACTi's unified solution combines IP cameras and NVR software as a complete package, which empowers the best performance at the lowest cost.
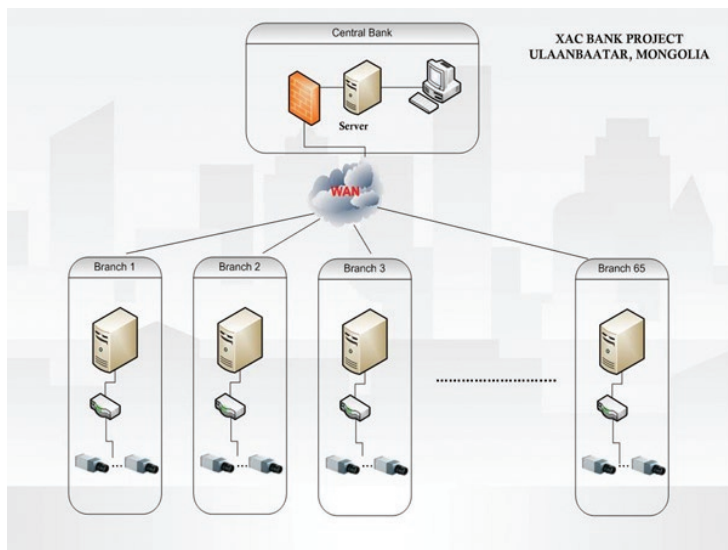
Country: *China*
Vertical Market: *City Monitoring*
Solution: *IP Surveillance, Wired*
Product: *ACD-2100T/SED-2120T Video Server +*
SED-3320 Video Decoder+ ACTi NVR Enterprise

Network Video Technology Utilized in Oerhtossu, Inner Mongolia, for Environment Protection

As the pioneer utilizing network video technology in environmental application in Inner Mongolian Autonomic Region in China, Oerhtossu successfully built up a network video monitoring system to enhance industrial pollution control.

The reason that the Chinese government chose the network video technology was due to the fact that the traditional CCTV system is not able to fulfill customers demands in multi-site applications, remote site monitoring as well as real-time video transmission. Also, as in the Mongolian area where temperature differs largely over seasons, a special function supporting a wide range of temperature difference is therefore of great importance.

With the installation of ACTi ACD-2100T, SED-2120T video server and SED-3320 video decoder, the customer can now monitor multiple locations simultaneously on one management platform. In addition, all of the three products are capable of working in extended temperature environment, which is the perfect choice for surveillance deployment in the Inner Mongolia.

A total number of 86 video servers (ACD2100T, SED-2120T) were installed at multiple sites to convert analog video streams into digital signals. All of the monitored video data are transmitted via network. At the control management sire, 18 decoders (SED-3320) were set up to convert the digital streams back into analog signals in order to display the recorded videos of multiple channels on the TV wall.

As for the software part, ACTi NVR Enterprise is implemented to show the managers at the central station all the real-time videos, as well as the videos recorded previously. This will enable the government staff to have a clear view of everything located at the remote industrial sites and to help them control any possible pollution cases that might happen. The recorded videos can also serve as official evidence to prove that the manufacturing plants are actually doing illegal activities to cause the pollution problem. As a long term strategy, the deployment of ACTi's IP surveillance system can help the Chinese government to prevent any possible pollution from happening and therefore to ensure environment protection.
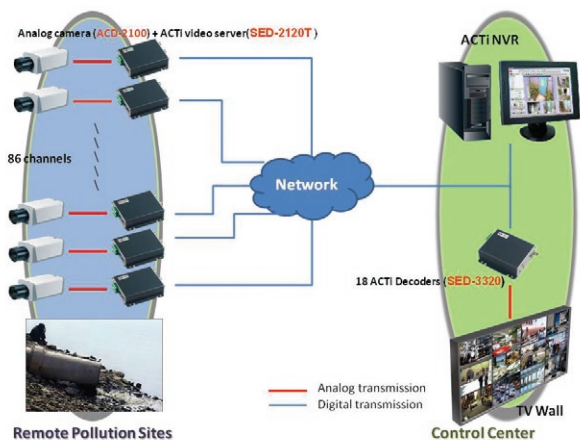
Country: France
Vertical Market: City Monitoring
Solution: IP Surveillance, Wired
Product: SED-2420/ACD-2200 Video Server

SPIE Chose ACTi Video Servers to Secure the City of Mont de Marsan, France

The police and city authorities of City of mont de Marsan has always invested heavily in the installation of CCTV systems to ensure city safety at all times. Now the 25-camera analog system is upgraded to IP surveillance based technology by SPIE, through ACTi's local distribution partner, Noemis.

The city of Mont de Marsan requires a new security system to ensure higher efficiency of surveillance management. ACTi MPEG-4 based video servers offer a perfect solution for the French city, where network bandwidth is a big concern and surveillance coverage is widely spread. ACTi's advanced compression technology enables the minimal bandwidth consumption while the videos recorded are of superb quality. Since the bandwidth consumption is very low, the new IP-based system can be operated via VPN and allows smooth video transmission.

Excellent image quality at minimum bandwidth consumption and ease of implementation were the two main reasons that the open-platform solution of ACTi along with Milestone was chosen. The 25 analog cameras were connected to 3 units of ACTi 2ch video servers, SED-2420, as well as 5 units of ACTi 4ch video servers, ACD-2200. These two models are installed to convert analog video streams to MPEG-4 based video signals with D1 resolution at 25 fps. The overall bandwidth consumption is only 1.2Mbps. Five technical rooms are equipped with Milestone Xprotect Enterprise NVR software on HP PC server, connected via a VPN access throughout the city.

" We are very satisfied with the new system, especially the superb image quality which ACTi's video servers can provide. Its powerful video transmission capability of full transparent protocols greatly reduces our installation efforts and time." says Spie Sud Ouest Gironde project manager.

ACTi supports a wide range of product offerings, including IP cameras, video servers, decoders as well management software, NVR. All of ACTi products are commonly selected for city surveillance cases in France, Spain, UK, Poland as many other European countries.

Thanks to ACTi's complete product lines, SPIE was able to provide a scalable and cost-effective solution for the city of mont de Marsan and leaves great flexibility for its future expansion.

www.acti.com
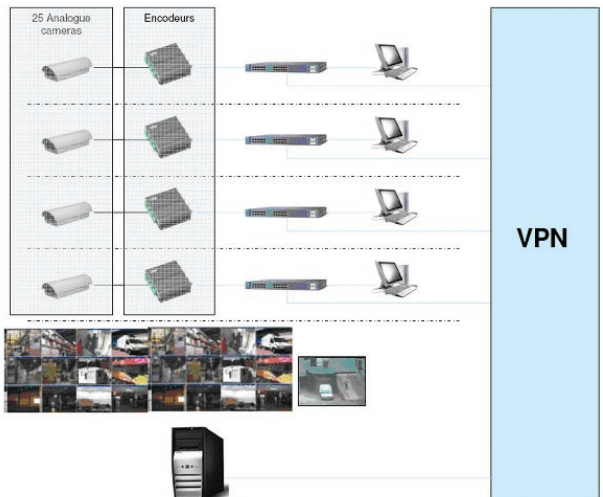
Country: Georgia
Vertical Market: City Monitoring
Solution: IP Surveillance, Wired
Product: ACD-2100 Video Server

Batumi, Georgia Gains Powerful City Security with Joint Solution of ACTi Plus Seetec

Batumi is a seacoast city on the Black Sea, and is the capital city of Adjara, an autonomous republic in southwest Georgia. Batumi is also the main port of Georgia, and has a population of approximately 121,800. The city has enjoyed rapid growth over the past years, but meanwhile the problem of severe traffic congestion has risen to the top.

One year ago a traditional surveillance system of 64 analogue cameras was installed in muliple places throughout Batumi. The monitored area is more than 10 kilo-meters away from the control centre, and all the cameras are widely distributed in different locations. Adding new cameras is therefore very laborious and expensive since every additional camera needs a coaxial cable of its own from the camera site to the control site.

The city has already had a 10 KM fibre-optic network constructed over the area so the deployment of IP surveillance is certainly cost efficient with effective utilization of its existing Internet infrastructure. With the installation of ACTi ACD-2100 video servers, all analogue cameras were easily converted and integrated into IP-based surveillance system without a huge amount of cabling expenses. Now the videos recorded at different locations are transmitted to the control centre via Internet, this gives our customer strong advantages of doing remote monitoring in multiple sites but spontaneously achieving centralized management.

An open-platform security system of ACTi IP surveillance solution and SeeTec central management software is selected for this city monitoring project. The combination of ACTi and SeeTec provides a simple and cost-effective way for Batumi to upgrade its security system. Adding new cameras or doing remote monitoring in multiple locations are also very fast and easy with an IP-based approach, which perfectly meets the city's needs!
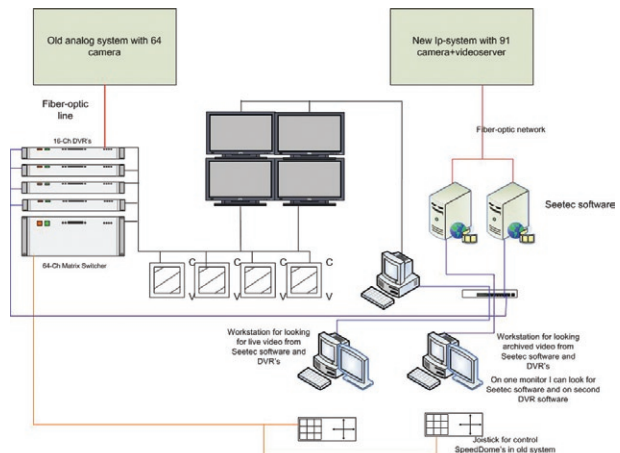
ACTi IP Speed Domes Installed in Indonesian City Surveillance Project

ACTi IP solution helps Pekanbaru City build a successful IP surveillance system in Indonesia.

This Traffic Control System project is designed to monitor traffic situation in city of Pekanbaru, Indonesia. CPE Command & Control Centre SW represents the common integrated user interface to all abilities of all implemented subsystems.
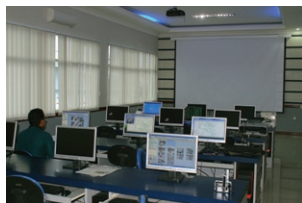
With 52units of ACTi CAM-6610 IP Speed Dome, ACTi NVR software and CPE Command & Control System, cameras are connected through WiFi MESH network to the operational centre.

CPE Command & Control Centre served as integrating user interface to help users access to cameras more user-friendly by easily clicking on the camera icon. The icon also shows the status of camera and indicates whether it is available or there is a network problem.

This system presents the GIS with displayed positions of cameras, integrated traffic controllers and the mesh network nodes. Integration of traffic controllers helps users to control the traffic lights from the GIS through integrated native application. The MESH nodes are also integrated; user can see the strength of signal by the type of icon in map. After clicking on those icons, users can see all possible details about it.

" We're very satisfied with the reasonable rate of price/quality, and the good and fast support from ACTi", said Juraj Zidzik, Solution Architect of CPE Group Asia Pacific.

ACTi 64ch NVR software
+
CPE Command and Control System

WiFi mesh network

52 units
CAM-6610
IP Speed Dome

Traffic Control Centre
of
Pekanbaru City
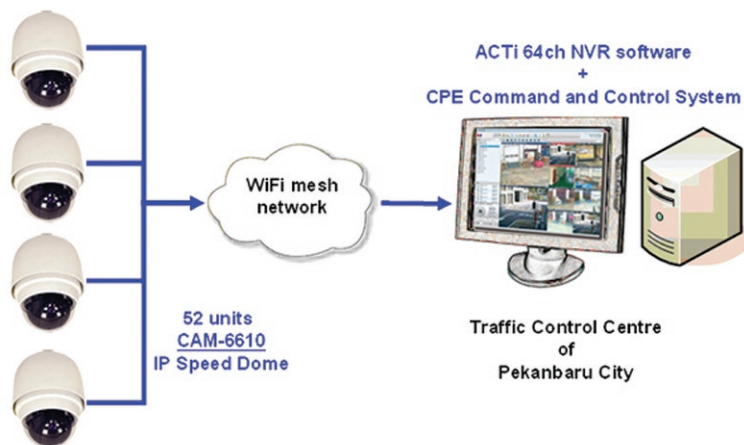
Country: *Ireland*
Vertical Market: *City Monitoring*
Solution: *Hybrid DVR*
Product: *SED-2610 Video Server + SED-3300 Video Decoder*

ACTi Enables IP Surveillance for Elmpark in Dublin, Ireland

In the heart of Dublin's business district, has designed a new development that is architecturally breathtaking. This unique development consists of six incredible buildings, three of which are reserved for offices, while the others support a mix of residential, hotel and leisure facilities. The main attraction of this development is its ability to offer 14.5 acres of parkland indoors!

Looking up through the glass would only provide a view of more trees and foliage. Among all of the greenery, there is one thing that is missing; cars! This is due to the unique design that allows traffic to enter Elmpark though an underground tunnel. The absence of automobiles only adds to the natural environment which is able to keep pedestrians warm and dry during inclement weather.

Surveillance consists of 98 Cameras which is a mixture of both PTZ's and fixed domes. These are located throughout the site, monitoring both of the external areas and the internal residential buildings. The installation of Cat5 cabling and the use NVT active transmitters provides the flexibility to allow the cameras to be located at distances up to 1Km away from the control room which is situated in the basement of the complex.

11 Rack mount NVT receivers are mounted in series and in conjunction with 11 units of ACTi's 8-channel SED-2610 Video servers. These give the ability to convert the existing analogue video surveillance system into the IP solution required. ACTi SED-2610 is chosen because it enables the video to be recorded for a total of 30 days at 25fps at D1 (720 x 480) resolution. The 2nd rack, houses the 5 x TITAN Network-attached storage (NAS) 16 Bay where 8TB are used. A purpose made control station has been designed to allow for the monitoring of the site. The use of IP surveillance video management system to monitor alarms and control the CCTV as well as the EAC (electronic access control) has been installed thus providing digital IP images of the camera system. To convert the IP CCTV images back to analogue for the 4 x 19" and the 1 x42" monitors we have used ACTi video decoder, SED-3300, so that the users can switch between cameras around the site and display them directly in front of the control station.
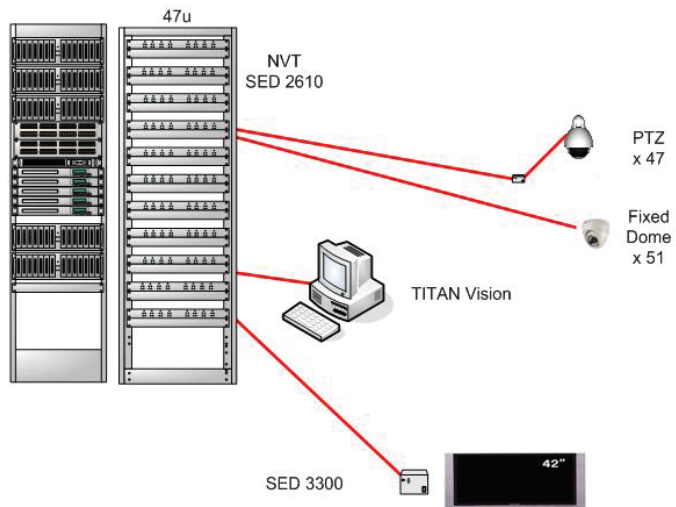
Country: Lithuania
Vertical Market: City Monitoring
Solution: IP Surveillance, Wired
Product : CAM-5321 IP Box Camera + CAM-6610 IP Speed
*   Dome + ACD-2200 Video Server + ACTi NVR*
*   Enterprise*

ACTi Helps Neringa State Police to Protect Prestige Resort Town, Nida, in Lithuania
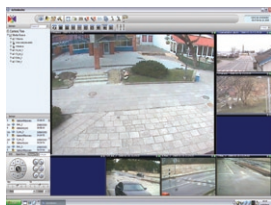
Nida is a small prestige resort town, a part of Neringa municipality located in Curonian Spit. Neringa is separated from the mainland Lithuania by Curonian Lagoon which, while there is no bridge, is still accessible from the mainland by ferry only. Since the Police of Neringa municipality needs to monitor few" hot" places of Nida town, ACTi's distributor, Pažangių techbologijų prekyba, and system integrator JV Komunikacijos helped to find a proper solution for Nida's surveillance system.

The first and the main problem was cabling because the mount points of cameras are in the center of parks and squares where cabling is prohibited by the local municipality. Moreover, the police requested to get the best quality image at Day and Night and the cameras with vandal-proof outdoor housing. Most importantly, the police had previously-installed analog cameras at distant (more as 40km) checkpoint. Last but not the least, the police plans to expand surveillance system easily in the future requirements.

The heart of the new IP surveillance system is ACTi NVR v.2.1 software for preview and recording images from two CAM-6610 speed dome cameras, one CAM-5321 box camera and four analog cameras connected with ACD-2200 4ch video server. All ACTi IP cameras were connected to Erves ISP through wireless radio connection. Erves ISP provides last mile connectivity which allows each camera's stream to be transmitted at 1Mbps TCP/IP connection to the remote Police Department. Under this condition, ACTi IP cameras are configured to send high quality images at D1 resolution with 12fps.

ACD-2200 4-ch video servers are connected with ADSL connection to another ISP called TEO. Although the bandwidth is limited, ACD-2200 set at very low bit rate still gives Police department good video quality.

The Chief of Neringa municipality Police, Sigitas Šveikauskas said: " I am very impressed by the quality of our new surveillance system. What I see now could not be find in our old analog systems. I believe with the help of ACTi IP surveillance solution, we will protect the resort town much better."
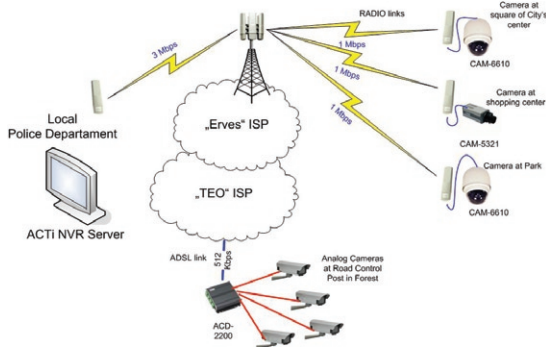
Country: *Peru*
Vertical Market: *City Monitoring*
Solution: *IP Surveillance, Wireless*
Product : *CAM-6220 IP Speed Dome + ACTi NVR
           Enterprise*

ACTi IP Cameras Installation to Ensure District Security In The Municipality De Magdalena

One of the main tasks of the municipalities is to take care of the security of their neighborhoods. The Municipality of Magdalena needed to have a Solution of Civic Security that enables surveillance for the less secure areas of its district, so INTELCOM-TI designed a solution that allowed implementation of ACTi's IP video surveillance technology through a wireless network system in the district.

The first six IP cameras were ACTi's Speed Dome model CAM-6220 which were installed in strategic points of the district for effective surveillance. The wireless network system was interconnected via radio in the frequency of 5.8 GHz, in an area with a radius of 3km, centered at the Center of Command (central headquarters) where ACTi's NVR is installed at to manage all the MPEG-4 video streams from the six CAM-6220 IP speed dome camera and thus administer the local security.

Magdalena is the first district in Peru at national level that has the technology of IP Video Surveillance; the project now is in the second phase in that the wireless architecture will be fine tuned to respond to IP video system and allow 100% coverage of Magdalena's district via twenty ACTi's IP Speed Dome cameras. In the third phase, additional functions will be added for mobile terminals with video streaming supported on ACTi's architecture.

INTELCOM-TI plans to duplicate this project in other Municipalities in Peru and develop the market of IP Video Surveillance for the hydrocarbon and mining companies as well as for the government and private sector.
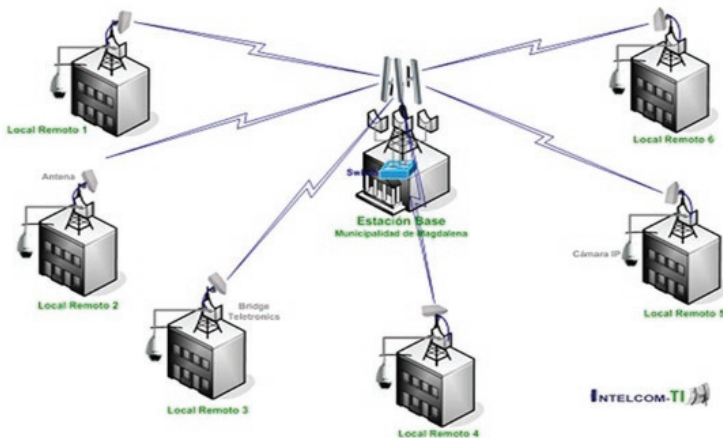
ACTi Wireless IP System Deployed in Myslenice, Poland

ACTi and Alnet have successful finished the first security surveillance project together in Myslenice, Poland. Myslenice is a town in the south of Poland. Last year it was really well known because of a brutal murder. After that, the local authorities decided to install new surveillance system to ensure the security of all citizens.

Due to the distance issue, the system was planned to go on wireless. For this installation project, ACTi cameras were chosen due to its capabilities of offering high video quality with low bandwidth consumption. ACTi's cameras are dedicated on MPEG4 streaming, in order to provide superior video quality even under limited bandwidth environments. ACTi's local partner, Dipol and its wireless solution partner, chose ACTi CAM-6620, IP Speed PTZ Dome Type Camera, for this city surveillance project. The main features of CAM-6620 are: Outdoor 23x optical zoom, high performance day/night mode, and wide dynamic range.

The projects are designed to have two control centers, which are located in the opposite sides of the town. The first one contains a recording server and a client station. The second one, the main client station, is equipped with three LCD panels and the backup station. The authorized users can easily live view every camera allocated in different locations on the management platform. With the real-time streaming, videos transmitted from different camera sites are recorded and centralized managed simultaneously in the control center.

This system was built on the Netstation platform from a software manufacturer – Alnet. It enables full control for the users at all work stations, with simultaneous restricted access to the administrators' options. All the recordings are physically secured in the derived room.

" Although the CCTV IP in Myslenice is still the new technology, we do enjoy its convenience. We would like to put more on-hand security project, such as traffic control, beach monitoring, banks and shops surveillance into an IP-based system" said by Myslenice authority.
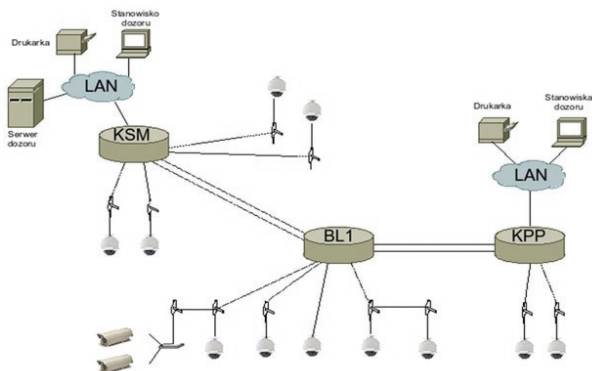
Country: *Thailand*
Vertical Market: *City Monitoring*
Solution: *IP Surveillance, Wired*
Product: *CAM-5321 IP Box Camera + CAM-6620 IP Speed Dome + ACTi NVR Enterprise*

PakChong Municipality of Thailand Protected by ACTi IP Surveillance Solution

The PakChong is a district town in Nakorn Ratchasima province which was a very important city in the ancient times. It's also the gateway to the northeast: the most beautiful area of Thailand, KaoYai National Park. To secure PakChong city, they chose ACTi IP solution to enhance their surveillance system.

The deployment can be summarized as hardware and software. The hardware includes CAM-5321HP (IP Box Camera) and CAM-6620P (IP Speed Dome Camera), and the software ACTi 64ch NVR 2.0 for management.

The reason for using IP is that a connection via fiber optic instead of 1-to-1 coaxial cable links reduces both cable and labor costs. Advance Network Trinity (Thailand) Co., Ltd., one of ACTi local partners in Thailand, recommends customers to choose ACTi IP Box Camera CAM-5321HP and IP Speed Dome CAM-6620P instead of using Video Server and Analogue Camera, because this pure IP solution is easy to install and manage. All the video can be transmitted in MPEG-4 compression over the fiber optic network and sent back to the control room with low bandwidth consumption.

" We offer a quality solution to the end users with network infrastructure, storage system, and ACTi products. They are very satisfied and the next project in 1st quarter of this year will also use ACTi's products." said by Miss Kawalin, the oversea purchasing supervisor of Advance Network Trinity (Thailand) Co., Ltd..
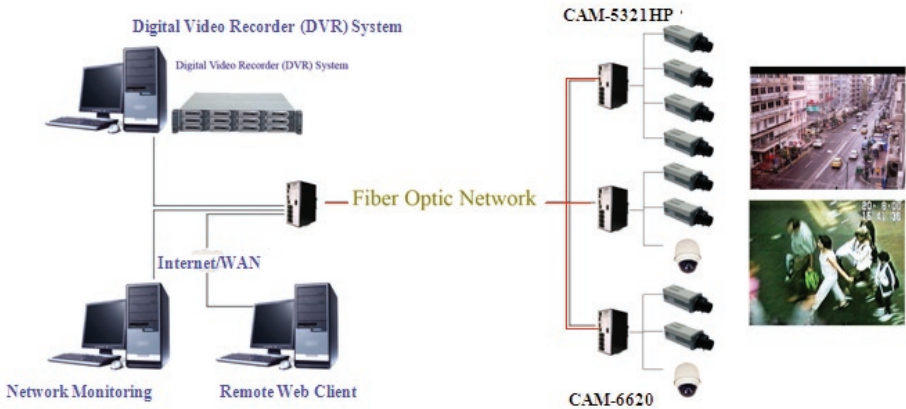
PAKCHONG Municipality

The National University of Singapore Chose ACTi IP Surveillance Solution

The National University of Singapore (NUS) decided to use their existing network infrastructure to build up the IP surveillance system. They installed 80 units of ACTi IP Box Camera CAM-5320, located at the parking lots where security might be a concern. CAM-5320 is day and night IP camera conducting 24-hours a day of recording and monitoring.

NUS chose ACTi IP surveillance solution because our reliable hardware and software save their time, money and energy. Moreover, ACTi's device can provide the customer with high video quality at minimum bandwidth.

NUS has been ranked amongst the World's Top 20 and Top 3 universities in Asia in the QS World University Rankings 2006 conducted by the Times Higher Education Supplement (THES). The NUS student community comprises a cosmopolitan mix of over 32,000 students from 88 countries, contributing to a vibrant and thriving campus life.
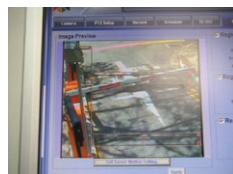
Each control center uses ACTi Streaming Activator video management software for video monitoring and recording. ACTi motion detection function was also perfect for them to record each event when any car passing auto barrier. NUS was very impressed with our high video quality especially under low lux environment.
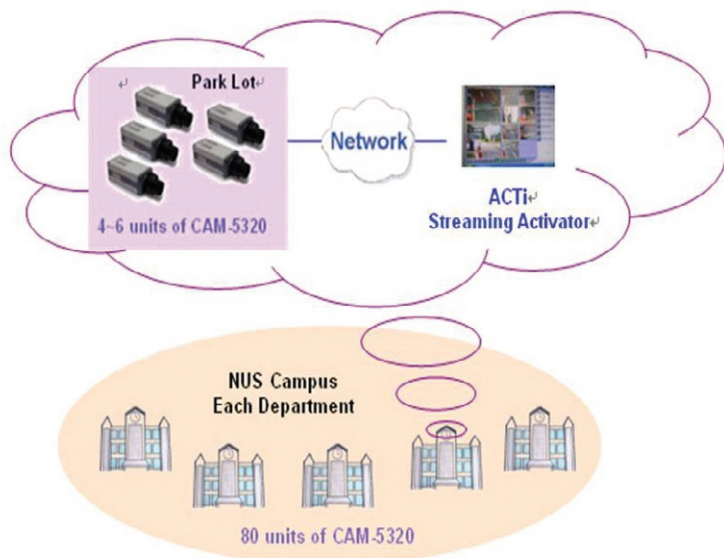
Country: Sweden 🇸🇪
Vertical market: Education
Solution: IP Surveillance, Wired
Product: ACM-7411P Megapixel IP Fixed Dome

Swedish School Secures School Properties with ACTi Megapixel IP Cameras

John Bauer is the largest upper secondary school in Sweden and is situated at 28 places throughout the country. The school is focused on IT, health and entrepreneurship educational program services and has recently chosen an open platform of ACTi IP Cameras managed by Ethiris' software. The new surveillance system consists of 10 units of CAM-7411, vandal resistant, Megapixel IP Rugged Dome Cameras and the system continues to expand.

Most of ACTi's cameras are equipped with Power over Ethernet (PoE), which enables power support and video transmission over single network cable. This will help accelerate the deployment process and reduce overall installation costs. In addition, one of the reasons that John Bauer chose ACTi's cameras was due to its design that perfectly matches the campus environment. Also, ACTi's cameras are well integrated and compatible with other independent software vendors in the industry, which leaves great freedom for the school to choose different kind of management software.

" ACTi ACM-7411 Megapixel IP Cameras provide superior video quality at high resolution (1280x1024 @ 8fps). Moreover, its vandal, weatherproof housing with IP66 standards supported perfectly meets John Bauer's requirements in camera damage prevention at an outdoor environment." says ACTi' s local distributor, Prio Security, who cooperated together with their partner, Elajo, to project the surveillance system for the school.

In this case, all of the ACTi cameras are connected to an open platform, supported by Ethiris. Now the school is able to secure its properties 24 hours a day and monitor every corner of the campus, including entrances, exits and stairs, etc. Remote clients can easily log into the management system to get simultaneous monitoring no matter where they are or how late it is! The next step of system will then concentrate on the integration of its existing access control system onto the same platform to achieve centralized management.
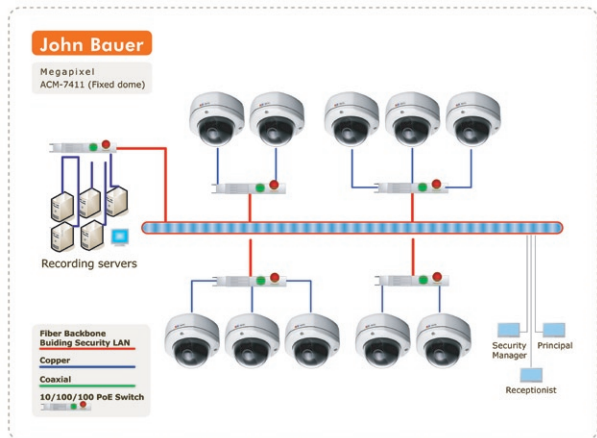
Country: USA
Vertical Market: Education
Solution: IP Surveillance, Wired
Product: ACM-3401 Megapixel IP Fixed Dome + ACTi NVR Enterprise

ACTi's Megapixel IP Cameras Installed at Union County Public Schools in Union, Missouri, USA

ACTi's ACM-3401 megapixel IP fixed dome cameras were installed in a school district in Union, Missouri (Mo.), USA, to provide security at one high school, one middle school and three elementary schools. The system design and installation were provided by American Digital Security (ADS), Liberty, Missouri.

The high school has approximately 50 cameras inside and 20 outside." These cameras cover pretty much the entire facility — the hallways, every entrance, the gym and the cafeteria," Richards lists. " Every single camera is basically a PTZ, you can pan, tilt and zoom in each image live or recorded." Richards maintains.

The middle school has 42 cameras installed within the campus to monitor every entrance, most of the hallways and corridors, stairwells, the cafeteria and the outside perimeter of the building,

One of the elementary schools has a server and three cameras on site, and the other two elementary schools have one camera each showing the front entrance and the office. This keeps a record of those entering and exiting the school, because it is the only entrance that is unlocked from the outside. With the implementation of the high-definition, megapixel cameras, both the front entrance and the office can be included in the same single-camera view.

ExacqVision's software is being used as the management software. The high school has its own server center security room with three 19-inch LCD monitors, and the middle school has two monitors in its security room. These are separate systems. All the schools, except one elementary school, are linked by fiber-optic cable. Cameras can be viewed remotely over the Internet by authorized personnel or police from outside of the building.

" It's an unbelievable system we're putting in the Union School District for an unbelievable price. It's all IP cameras, all megapixel cameras ¬— all the newest technology." remarks Ken Richards, regional sales director for American Digital Security's St. Louis region.
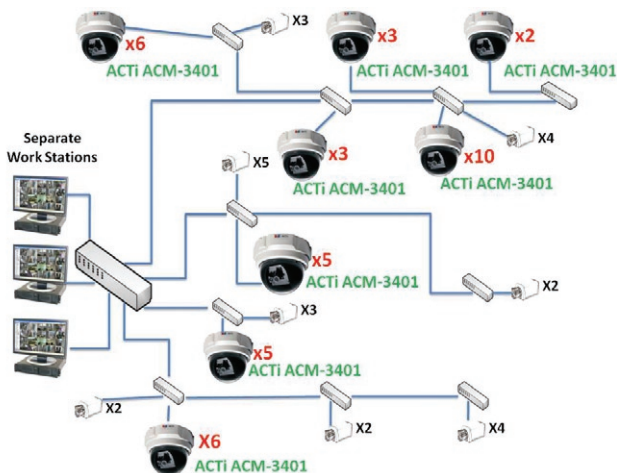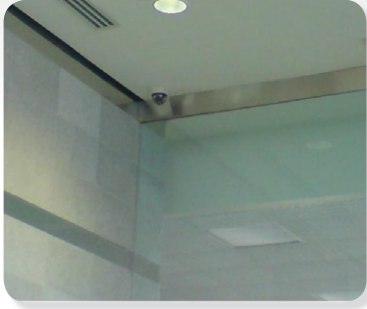
Country: *Canada*
Vertical Market: *Enterprise & Residential*
Solution: *IP Surveillance, Wireless*
Product: *CAM-6610 IP Speed Dome + CAM-7220 IP Fixed Dome + ACM-3311 IP IR 3-inch Dome + ACTi NVR Enterprise*

ACTi IP Surveillance Ensures Security for A Commercial Building in Canada

ACTi IP cameras and management software provide a commercial building in Canada a complete IP Surveillance System. Three product lines from ACTi Corporation, including CAM-6610, CAM-7220 and ACM-3311, are installed in several sites of the building, such as the main entrance, the parking lot and the hallway, etc. Management team now can monitor the entire building remotely to ensure everything is under well-protection.

Since the wireless network is already available in the building, it would not be a clever idea to install extra coaxial cables. Also, considering people are working in the building every day, the noise of installing the wiring will definitely affect people's daily work. Due to all the concerns from this customer, IP Surveillance appears to be the fastest and the most cost-effective solution.

ACTi's cameras support PoE function which also saves large efforts in the installation of additional wiring. It does not only save the overall deployment costs but also simplifies the working process.

As for the control room site, ACTi NVR 2.0 is deployed to empower remote preview, record and playback functions. The manager of the commercial building can also access to the system via Internet Explorer even though they are not in the office. With the help of the enhanced IP-based technology, distance or time limit is no longer an issue.
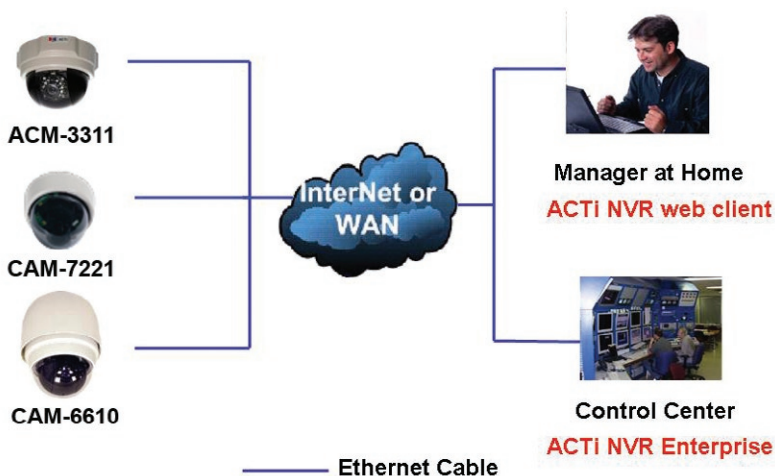
Wistron Chose ACTi IP Surveillance Solution for Branch Office Monitoring Allover Asia
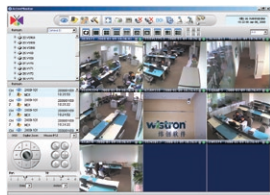
Wistron Corporation was established in June, 1992, formerly the DMS (Design, Manufacturing and Service) operation of Acer Inc. Product development focus is on ICT products, headquartered in Taipei, Taiwan. Other business operations are located in China and Japan.

In order to connect and communicate with the offices throughout Asia, Wistron chose ACTi's professional IP solution, Megapixel Cameras and NVR, free bundled management software, for the purpose of multi-site surveillance and centralized management. In each office, two pieces of ACM-4200, ACTi 1.3 Megapixel camera, equipped with wide-angle lens are installed to ensure the security of its employees in case of robberies or thefts.

All the videos are displayed in high resolution (1280x1024) at 8 frames per second. Also, with CS-mount, one can easily change the lens according to specific needs. Moreover, with the utilization of MPEG-4 compression technology, one can get smooth video transmission and superior image display even in the environment where bandwidth is strictly limited.

As for the management software, ACTi NVR provides remote and real-time preview, playback and recording function to empower the whole IP surveillance system to operate on the same platform.

Wistron is very satisfied with the unified solution provided by ACTi, the low-bit-rate megapixel IP cameras and the free bundles management software help the firm save a lot of money and leave great scalability for future expansions.
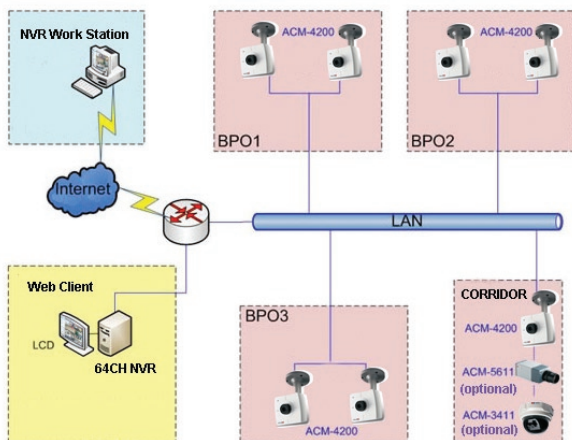
Country: *Japan*
Vertical Market: *Enterprise & Residential*
Solution: *IP Surveillance, Wired*
Product: *CAM-5201 IP Box Camera*

ACTi and Milestone Successfully Secure An Office Building in Tokyo

KT Workshop Inc, ACTi's main distributor in Japan, has successfully implemented a brand new IP surveillance system in an office building in Tokyo. The office is located in Tokyo, Japan, with the installation of eleven units of box type camera, ACTi CAM-5201, along with Milestone XProtect software. It has also integrated the access control system from different entrances of the building into the same management platform.

The purposes of installing the new IP surveillance system include:

1. Security - The end user's office is separated into two floors. With the deployment of the new security system, managers at the control room can see different sites of the building without spending extra efforts in walking around the building.
2. Live Demo Promotion- The end user is a SI related business providing total security solution. Another reason they built up a new IP surveillance system is to enable a live demonstration for their customers.

The adoption of an IP sureveillance system for this project is definitley more cost-effective in comparison with the traditional CCTV system. First of all, it saves the costs in coaxial cabling. Secondly, the building has already had well-developed network infrastructure, the IP-based system ensures the most effective utilization of the existing infrastrucutre. Also, a strong benefit of using an IP surveillance solution is due to its great ability of integrating with the access control system.

ACTi offers complete product line with resolution ranging fom VGA up to Megapixel. Three types of compression standards, MJPEG, MPEG4 and H.264, are designed for environements requiring different badnwidth conditions. ACTi's new product line, T platform, has empowered the most powerful product feature in the industry, Magapixel + H.264, to offer the best video quality with the most efficient compression standard. The new products will be ready for shippment in 2009.

ACTi enables an open platform which leaves great freedom for customers to choose different kind of management software. For this project, Milestone XProtect is utilized to provide real-time remote monitoring and centralized management. With the launch of the IP-based surveillance system, distance or time is not an issue anymore. This customer now can ensure the security of the enture office buidlings at anytime, anywhere!
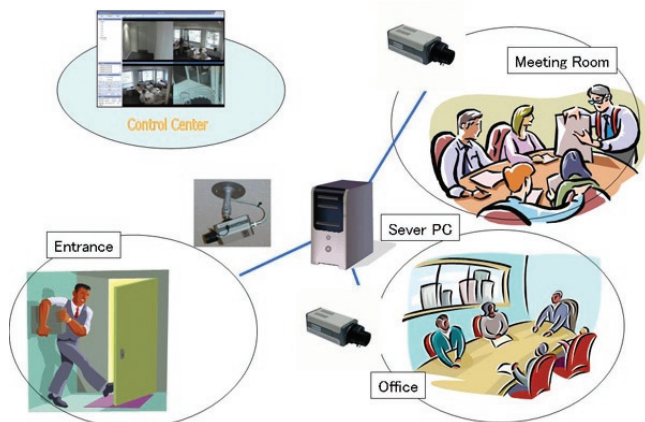
ACTi NVR Solution Provides Complete Surveillance System for LIFE AUTO PLAZA in Malaysia

For the first time in Malaysia's history, auto dealer and car enthusiasts will be proud to have a six star auto centre that caters to their every needs and desire.

This RM100 million one-stop auto centre would be providing an avenue for auto manufacturers, distributors, resellers and players in the auto industry to promote and sell their products.

As a one-stop auto centre, Life Auto Plaza is uniquely designed. It can accommodate more than 50 auto showrooms for car and motorcycle display and it is located in Jalan Loke Yew in Kuala Lumpur. With a built up space of over 700,000 square feet, at least 8 floors on this ultimate auto centre will be leased out

AirCoMaster Sdn Bhd, the leading security solutions provider had proposed ACTI Hybrid Solutions with more than 71 units of cameras installed to secure monitoring the plaza premises. The ACTI video server ACD 2100 & ACD 2200 were selected to provide smooth round the clock monitoring to the luxury vehicle display within the plaza.

ACTI had fulfilled the requirements of the plaza management to upload the video to the remote monitoring centre of the ROYAL CUSTOMS MALAYASIA for monitoring of non paid duty vehicle within it. The ACTI NVR software was selected to be the monitoring and recording software for the system.

LAP management is satisfied with the ACTI solutions due to it scalabilities. The CCTV system could not be easily expanded without affecting the overall design.
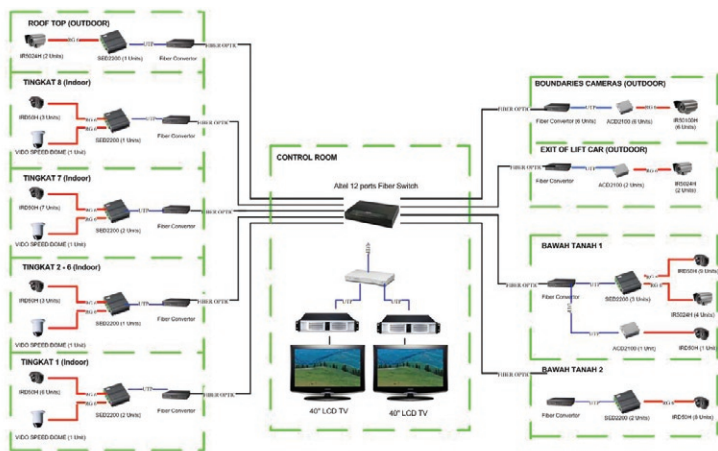
Country: *Morocco*
Vertical Market: *Enterprise & Residential*
Solution: *Hybrid DVR*
Product: *CAM-5321P IP Box Camera + SED-2140 Video Server*

ACTi IP Cameras Deployed in A Moroccan Office for Brand Name Ownership Protection

The Moroccan Office for Brand Name Ownership Protection Chose Genetec Omnicast and ACTi IP Camera, video server to protect their existing and new building facilities. The installation was completed by a solution partner of ACTi and Genetec, Bridge Engineering in 2007.

The solution comprises a total number of 18 cameras in the first building. Ten units of indoor box type cameras, CAM-5321P, were installed inside of the office. Six more units were installed in an outdoor environment. Two analogue speed domes were converted by ACTi 2 channel video server, SED-2410, to monitor the entrance and the parking area. The building has a considerable number of visitors walking in at the day time. With these 18 cameras installed in, it allows full coverage of the facility and making it very helpful for the security guards to manage the flow of the visitors.

ACTi CAM-5321P is a MPEG4 compression-technology IP box camera, using SONY EXviewHAD CCD with Mechanical IR Cut Filter to enable Day & Night function. It can function at a minimum illumination of 0.05 lux at F1.2. The PoE function also facilitates the overall deployment process and enables network transmission and power supply over the same network cable. ACTi video server is well-known for its powerful transmission of video, audio, digital signals and serial data with only 1.2Mbps bandwidth consumption per video stream. Each channel provides full D1 resolution (720*576) at 25 frames per second.

ACTi IP surveillance solution was chosen over the DVR system due to its flexible extendibility. The second building is still under construction and the same operation system will be expanded with a greater amount of cameras." We provide our customer a solution with future-focused technology. Customers can expand the system whenever they need it." said the General Manager from Bridge Engineering, Mr. Nafal Afraj.
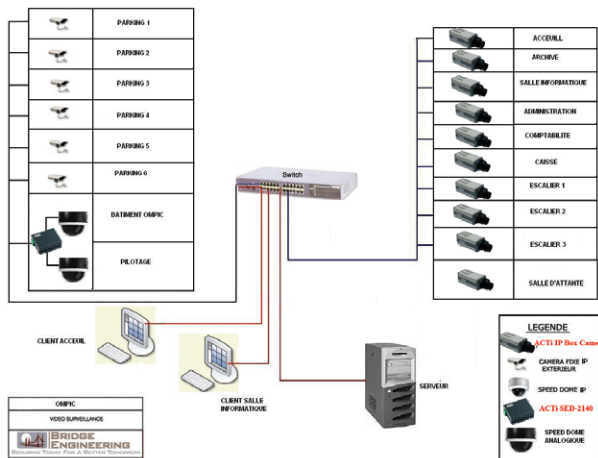
Country: *Morocco*
Vertical Market: *Enterprise & Residential*
Solution: *IP Surveillance, Wired*
Product: *CAM-5320 IP Box Camera + CAM-6610 IP Speed Dome*

ACTi IP Cameras and Genetec Secure National Meteorological Center of Casablanca, Morocco

ACTi MPEG-4 IP cameras were deployed in 2007 to enhance security protection in the National Meteorological Center in Casablanca, Morocco. Bridge Engineering, the local solution partner of ACTi designed and installed the integrated, IP-based video surveillance system for this project. And the expansion continues to grow.

The site requires an upgrade of security system for a more efficient and powerful surveillance management. ACTi MPEG4 IP cameras and Genetec Omnicast Security Management Software are chosen by Bridge Engineering, the system integrator, to offer an integrated solution of access control and video monitoring in order to secure the site's most important room. The national meteorological center has the biggest computer room in the Kingdom. Two cameras are installed in the room, and the access control in the entrance of room are also integrated into the same platform to make sure there are no illegal activities happening inside or outside of the room.

ACTi IP Day & Night box type cameras, CAM-5320P, are installed on several spots, including inside of the meteorological center as well as outside entrance, the parking lot. The IP-based system allows simultaneous viewers, to access to the system from different locations. At the second phase of the project, Bridge Engineering is going to install an ACTi IP speed dome, connected to an infrared intruder alarm. The speed dome will automatically change the monitoring angle to the breached area once the alarm is triggered.

Key factor to the success of this project was ACTi's excellent MPEG4 compression technology, which significantly reduced the bandwidth and storage required. General Manager from Bridge Engineering commented," The Meteorological Center loves the image quality provided by ACTi's cameras. After they saw the live demo, they think that ACTi can give them the best video quality they would ever get! And the most important is, the price is totally affordable. "

" ACTi is committed to offering superior video performance for all customers worldwide. The Meteorological Center of Casablanca is an excellent example of how ACTi can provide cost-efficient solution. The independently designed IP cameras are capable of offering better image quality with less bandwidth consumption. What's even better is that the installation cost is not much more than the traditional CCTV system." said Sophie Ko, ACTi Territory Sales Manager.
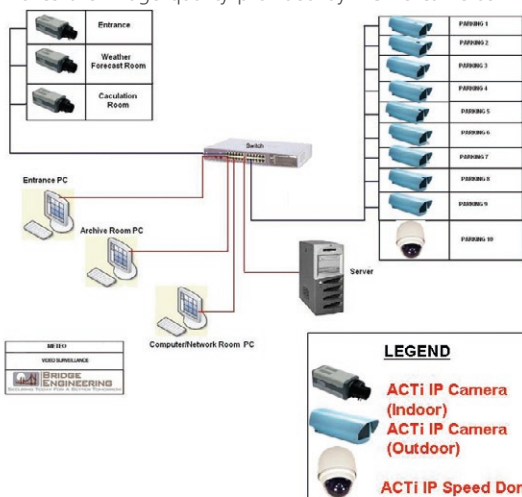
Country: *Poland*
Vertical Market: *Enterprise & Residential*
Solution: *IP Surveillance, Wired*
Product: *CAM-5321 IP Box camera + ACTi NVR Professional*

ACTi Provides Total Surveillance Solution for A Residential Community in Warsaw

A new type of residential community is now very popular in Poland. This community in Warsaw has its own internal cable TV, internet and security system. The security system includes access control and video surveillance. Since the community covers a large area with long distances between each installation sites, it is difficult to install traditional analog cameras with additional coaxial cables. Therefore, the community decided to use an IP based solution as the security surveillance system.

ACTi's Polish distributor- Dipol and the polish system integrator, Telcom, provided ACTi Unified solution, IP camera + NVR software, for this project installation. The project was completed by using ACTi D&N IP Box camera, CAM-5321 with the free bundled management software, NVR Professional. The cameras are located in important surveillance spots such as Intersections and community boarders to ensure the safety of the residents. There are 2 dedicated guard posts to control the entering vehicles and to monitor the community. Due to the support of ACTi IP cameras, now the community is under well protection at 24 hours a day.

Telcom, the system integrator, commented that:" ACTi provides a competitive unified solution. With the dedicated technical support, it is very easy for us to integrate the cameras and the software. Also, the software is free, so the community can save money for this project installation and leave the budget for other constructions".

" It is very exciting to see ACTi's unified IP solution installed in this Polsih community, as it ensures the safety and security of all residents here" said Elsa Cheng, ACTi sales account manager in the Eastern Europe.

ACTI IP Box Camera
CAM-5321

Local LAN

NVR Enterprise in Control Center

Camera sites
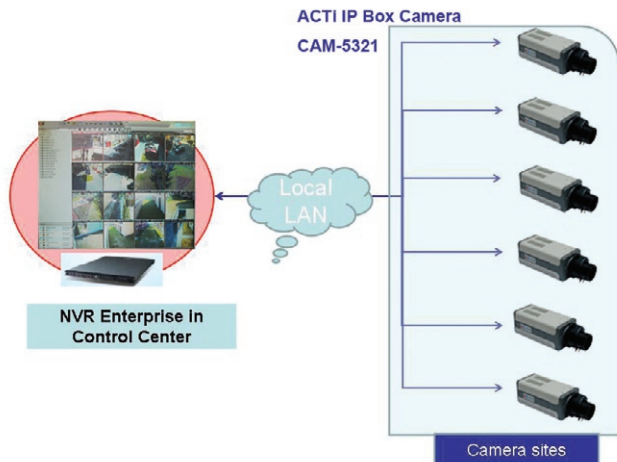
Country: *Spain*
Vertical Market: *Enterprise & Residential*
Solution: *IP Surveillance, Wireless*
Product: *SED-2100 Video Server*

ACTi and Scati Labs Bring IP Surveillance Security for Telefónica Headquarter

Telefónica is a leading private company in the telecommunications market, listed on the main international stock exchanges and headquarters located in Spain. With a presence in 24 countries, Telefónica Group employs an average of 249,000 people and provides services to more than 233 million customers. To deliver a work culture change and concentrate all business units, Telefónica embarked on an ambitious project known as" C District or City of Telecommunication" which resulted in the new Telefónica headquarters.

Facing these impressive figures, TIS (Telefónica Security Engineering), based on its Integral Technology Security approach, led the integration of this huge venture for which empowered ACTi and Scati Labs. Scati Labs, ACTi's local partner, designed an innovative security project where over 1200 units of SED-2100 (ACTi Video Server) proved essential to secure this huge and challenging environment. Besides, Scati Labs NVR's were deployed in several control rooms across the facility and in one central control centre.

The main features of this project consist of:

1.   IP surveillance solution: Best video surveillance option to meet environment requirements.
2.   High performance network video recording.
3.   Comprehensive system management from multiple locations.
4.   Video analytics: Use of video analytics software to control critical issues on facility perimeter.
5.   System Integration: Complete integration of surveillance solution with third-party systems such as access control and intrusion detection.

Rubén Marta Loriente, the Marketing Manager in Scati Labs said," ACTi video server is the key for the successful implementation of IP surveillance solution since over 1.200 video servers (ACTi SED-2100) were installed to upgrade analogue cameras into IP-based cameras. Besides, ACTi MPEG-4 compression provides D1 resolution at 25 frames per second and employs low bandwidth and storage size. Lastly, this product makes it possible to easily integrate with different types of existing analogue PTZ cameras in this project."
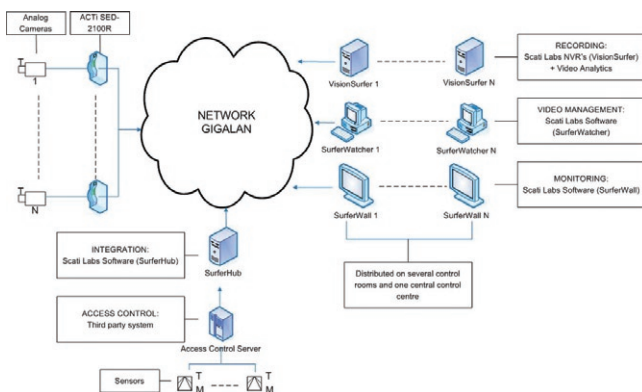
Country: Ukraine
Vertical market: Enterprise & Residential
Solution: IP Surveillance, Wired
Product: ACM-1311/ACM-1431 IP Bullet Camera
+ CAM-7321 IP Fixed Dome + CAM-6610 IP
Speed Dome + ACTi NVR Enterprise

ACTi Pure IP Surveillance Solution Successfully Ensures the Safety for Diplomat Hall in Ukraine
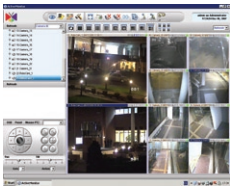
IPDom, ACTi's premiere partner in Ukraine, has launched enterprise scale IP surveillance deployment in the central part of Kiev, Ukraine's capital. It is a luxury condominium with two-storey upscale retail and office complex called Diplomat Hall.

Though the complex already had a CCTV surveillance system, the cameras were mostly installed in parking lots and entrances. Kiev-based PORYAD.OK LLC, the facility company, who was in charge of the security management system for Diplomat Hall, needed additional cameras to monitor the shopping promenade and the surrounding park in order to improve the efficiency of the security personnel. In addition, it was requested to give access to specific cameras for the shop owners and residents. As in a country where bandwidth is a considerable issue, ACTi's IP solution is the only answer due to its high-tech compression standard and flexibility in remote access and scalability.

This security project consists of a total number of 23 cameras. ACTi ACM-1311 and ACM-1431 were chosen due to the best value in functionality. CAM-7321 were used because of its vandal-proof housing and extreme working temperatures. Two PTZ IP Speed Domes, CAM-6610, were installed on the opposite side of the park served as a" smart eye" to provide a 360° endless pan/tilt monitoring range." It is just two cameras and we are able to watch the whole yard and 3 of 4 sides of the perimeter. It is certainly the perfect match for us!" commented the security manager of the Diplomat Hall.

All cameras and NVR server have real IP address and can be accessed from any remote location via the internet." It's totally a different experience", said Nataly Likhenko, CEO for PORYAD.OK," Now video surveillance for me is an easy tool to control the building. Unlike the hybrid system that we have at the parking area, ACTi's unified solution is accessible to me and my management colleagues from desktop, or even while I'm traveling. I'm confident that our customers will also enjoy the function of access to the live video by just using the Internet Explorer."
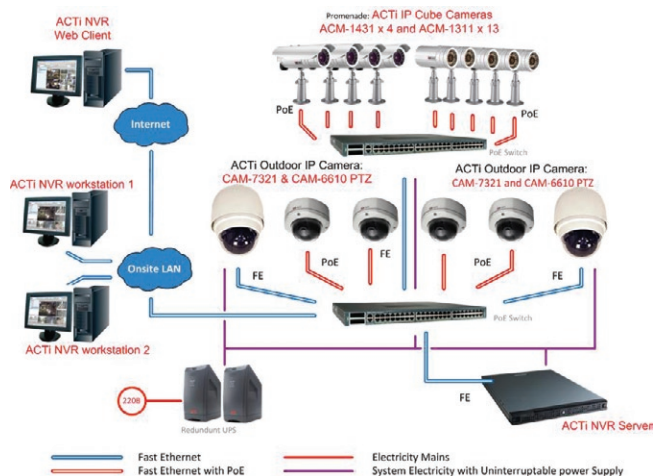
Country: *USA*
Vertical Market: *Enterprise & Residential*
Solution: *IP Surveillance, Wired*
Product: *ACM-3411 Megapixel IP Fixed Dome +*
ACM-7411 Megapixel IP Rugged Dome

ACTi and LuxRiot Secure Hyatt Regency Century Plaza on Ave of the Stars

Ave of the Stars has always been a well-known hot spot for tourism in Los Angeles, CA. The Hyatt Regency Century Plaza Hotel, fronting the spectacular fountains on Avenue of the Stars, is a landmark 19-story luxury hotel forming a sweeping crescent design. With thousands of visitors, well-known celebrities and busy shopping centers nearby, it is important to implement the best available security equipment. The local installer chose and integrated ACTi IP network cameras with LuxRiot software for this important application . Surveillance devices deployed were two ACTi megapixel cameras, including ACM-7411, am IP network PoE IP66 rugged D&N dome with vari-focal, and ACM-3411, an IP network PoE mini D&N dome.

Why Chose ACTi?

" Video quality performance, stability and price were the main reasons Hyatt Regency Century Plaza chose ACTi's IP cameras. They like the fact of finding all kinds of cameras in the complete ACTi product lineup to fit any type of application they are looking for. For this particular project, the low-cost entry level megapixel camera of ACM-3411 was perfect for the application especially in this time of the economy recession." , says the system integrator.

Moreover, most of ACTi network cameras are equipped with PoE, which made the installation a lot easier throughout the complex and the superb night performances made viewing in dark sections of the hotel and parking lot possible. Due to the previous installation of LuxRiot, a valued software partner with ACTi, the integrator liked the idea that ACTi cameras are fully compatible with known Independent software vendors in the industry. In short, high Price and Performance ratio was the key factor for the Hyatt Regency Century Plaza to go for ACTi.
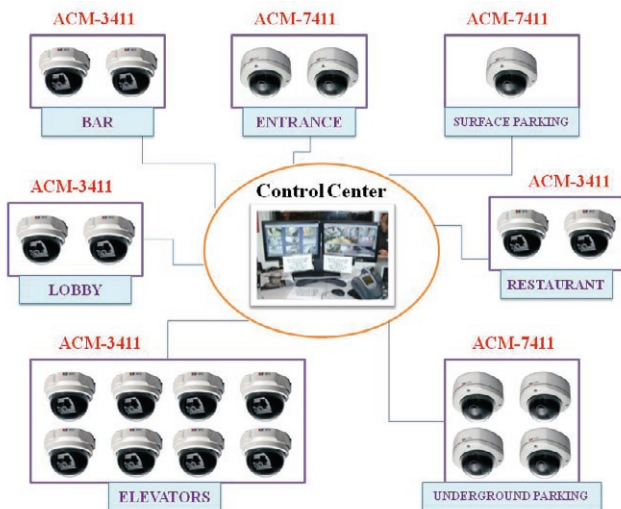
Country: USA
Vertical Market: Enterprise & Residential
Solution: IP Surveillance, Wired
Product: CAM-7301 IP Fixed Dome + ACD-2100
Video Server+ ACTi NVR Enterprise

ACTi Partnered with Powercom to Enhance Security System for SPG New York Headquarters

The Solomon-Page Group is an executive search firm specializing in staffing services, which comprise temporary staffing, consulting as well as executive search and full-time contingency recruitment. This project is aimed at securing the headquarters of the Solomon-Page Group (SPG), located in New York City, while giving control center the ability to view access to common and restricted areas. Besides, SPG emphasized the need of integrating its existing video intercom together into the IP-based surveillance system to allow remote access control.

After a thorough understanding of SPG's major concerns for the new security system, Powercom proposed ACTi network video solution due to its end-to-end product offerings ranging from the camera site, to the control management site (ACTi NVR).Also, in order to achieve centralized management and to integrate all security devices onto one platform, an IP-based solution appeared to be the best choice!

ACTi's CAM-7301 IP outdoor fixed domes were deployed to transmit streams for video live view, record and playback. ACD-2100 video server acts as an integration device to link the video intercom of analog camera into an IP-based surveillance system. All the video data are transmitted through Internet (Ethernet) network. From a remote location, they are able to view who is trying to gain access and unlock doors remotely. The flexibility of ACTi's IP surveillance system provided SPG a quick and cost-effective way to bolster its traditional security system. It also empowered the function of determining traffic flow through the office space.

With ACTi's IP cameras installed in different locations of the office building, consolidated with its NVR Enterprise software program, the unified IP surveillance solution thoroughly monitored common and restricted areas at the headquarters of SPG and satisfied its major concern with security issues.

" We were not overly concerned with the cost of the solution as much as the results needed. It was a great experience with ACTi from concept through implementation. ACTi's unified IP surveillance solution enhanced our security system with its complete hardware and software support." said Al Spahn, the Chief Technology Officer of the Solomon Page Group.
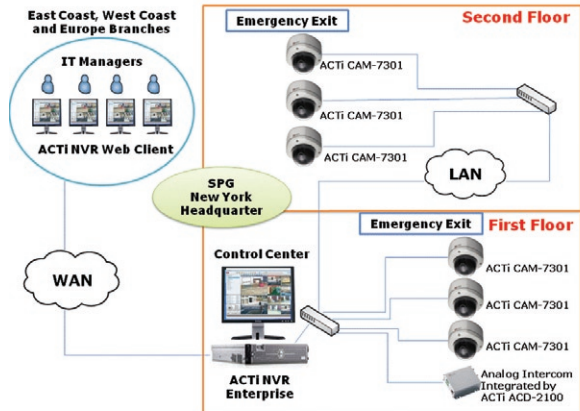
Country: Afghanistan
Vertical Market: Government
Solution: Hybrid DVR
Product: CAM-5321 IP Box Camera + CAM-6610 IP Speed Dome + SED-3320 Video Decoder + ACTi NVR Enterprise

ACTi IP Surveillance Solution Installed at A Prison

ACTi's IP camera, Video Decoders and NVR software have enabled a prison in Middle East to incorporate IP based CCTV systems. Incorporating with customer's analog matrix and TV monitor, the existing analog investment keeps running but the wiring cost is replaced from coaxial cable to network cable or wireless which saves lots of installation cost.

There is one main prison building. The IP cameras are installed on all entrances and hallways. All IP cameras are connected by network cable. Security guard stays in the control room to monitor all activities in the prison. By connecting the Video Decoder, the video streaming from IP cameras will be converted back to analog and feeding into matrix. So, security guard can still use current matrix and TV monitor to manage all channels. The operators can choose what cameras go on which screens as well as how many views per screen. As for the video recording, ACTi's NVR software enables customer to use PC recording at local site in the main prison building and another PC's in the control room for remote recording. Therefore, all preview videos are able to be done with existing analog matrix and TV monitor. All the recording videos are managed by NVR.

ACTi provides a total solution to customer including IP cameras, Video Decoders and NVR software. For existing analog system, ACTi provides Video Decoders which can convert the IP video streaming from IP camera or video server back to analog. Therefore the video can be showed on existing TV monitor and the PC with ACTi's NVR at the same time.

For the video recording, it can be managed by ACTi NVR for local and remote recording. ACTi's Video Decoders and NVR software the most efficient way to combine current analog system and new IP system which provides a flexible hybrid solution to customers.

ACTi's MPEG-4 IP products provide D1 (720x576) resolution at 30 frames per second and utilize low bandwidth and storage size. Overall, this solution decreases significantly the installation costs of networking and increases the flexibility for the installation of monitors, DVRs and cameras.
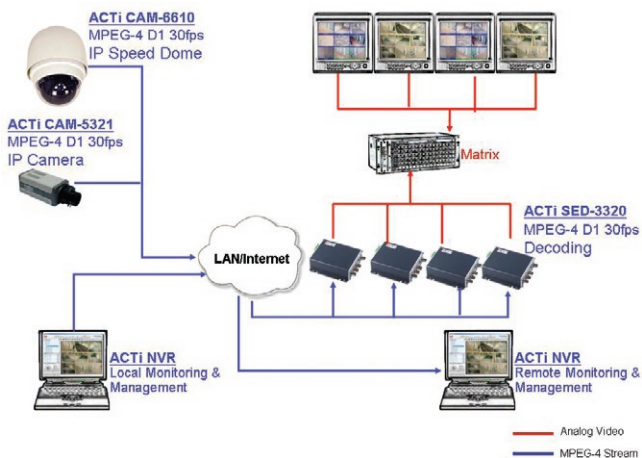
Country: *Bulgaria*
Vertical Market: *Government*
Solution: *IP Surveillance, Wired*
Product: *CAM-5320 IP Box Camera + CAM-6610 IP*
Speed Dome

ACTi IP Camera Installation in the Ministry of Justice of Bulgaria

The Ministry of Justice of Bulgaria is an important government institution with several classified area where monitoring is highly required. They chose to switch from analog system to an IP-based system back in 2004 when IP technology was still a novelty. The reason they chose IP surveillance was because they wanted to secure the current investment will not be a waste for any future expansion, which is still quite a limited issue for an analog CCTV system. The Ministry of Justice of Bulgaria is well recognized of the fact that the IP surveillance is future-proof technology and will definitely be the best choice for any surveillance applications.

ACTi's partner SECTRON signed a maintenance and modernization contract with Ministry in 2006. They adopted the Milestone XProtect Professional, the open platform, for the system as it gave great advantage in IP camera selections—freedom to choose. After this software has been implemented, SECTRON proposed ACTi IP cameras, CAM-5320 D&N box type camera and CAM-6610 D&N IP speed dome, for system expansion and modernization.

The reason of adopting ACTi's IP cameras to replace the old IP cameras is because its in-house designed cameras are able to support full D1 resolution at 30 fps. All product lineups from ACTi are fully supported by Milestone XProtect software, thus the client is fully assured that the new cameras will be implemented in the existing system without any problems. Also, ACTi CAM-6610 is equipped with high-quality Sony ExView HAD CCD, which is far superior to mainstream CCDs utilized by most of the manufacturers.

" The newly added cameras produce much better quality image in comparison with the old ones. ACTi CAM-6610 IP speed dome gives detailed, clear images and enables the strong function of recognizing car license plates. We are extremely satisfied with the new system and the future expansion with the deployment of CAM-5320 Box Camera will continue to grow." commented by Ministry security staff and security system operators.
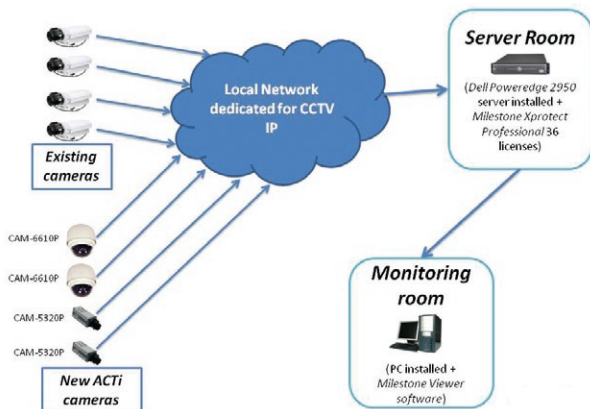
Country: *China*
Vertical Market: *Government*
Solution: *IP Surveillance, Wireless*
Product: *ACD-2100 Video Server + ACTi NVR Enterprise*

ACTi IP Unified Solution Utilized In Maneuvers Performance in China

ACTi IP solution has successfully penetrated into different vertical markets throughout China. Recently it has extended its coverage to military application. Take Xi-An maneuvers performance as an example, the monitoring system is enhanced by ACTi ACD-2100 video servers under its existing network infrastructure. ACTi video servers are installed around the training center, mainly in the playground, and the shooting range. The target objects monitored are located 200 meters away from the control center. Distance is a therefore big issue for this case. To make the most effective use of its existing infrastructure, the project planner has decided to adopt an IP-based solution to allow all the monitored data transmitted via wireless connection.

A number of analogue cameras are connected to ACTi's video servers to digitalize analogue signals and to enable data transmission via internet network. The control center receives the digital signals through real-time MPEG-4 streaming. All the monitored images are displayed on the centralized management platform supported by ACTi NVR Enterprise. With the enhancement of the overall security system structure, the training status, and the shooting scores of soldiers can be easily examined and evaluated

Thanks to ACTi's advanced MPEG4 compression technology, the customer can get full D1 (720x480) video resolution that only requires low bandwidth consumption. This will also help to enable smooth video transmission under a wireless-network environment. With the strong support from ACTi NVR 2.0, the training and shooting achievements are displayed and broadcasted smoothly during the maneuvers performance.

The installation process is much easier than a traditional analogue system. An IP surveillance system does not need as much cabling as the CCTV requires, installers now can save large efforts during the installation process. Also, one of the strong advantages of an IP-based system is that it is less likely to destroy the existing infrastructure. ACTi ACD-2100 video server and NVR 2.0 together provide superior video quality at full D1 resolution with a very competitive price. For customers who have critical budget concerns, ACTi entry-level product line appears to be the best choice!
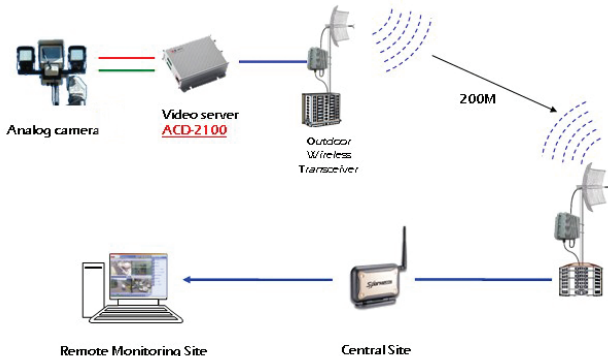
Country: *Singapore*
Vertical Market: *Government*
Solution: *IP Surveillance, Wired*
Product: *SED-2610 Video Server + ACM-3311 IP Fixed Dome + ACTi NVR Enterprise*

NUS Museum Upgrade to IP Surveillance with ACTi's Solution

Nextan, ACTi's business partner in Singapore, has successfully enhanced the security system for NUS museum. They installed a total number of 50 channels inside and outside the museum.

NUS museum was established in 1997, and was formerly called the National University of Singapore Museums. Located in the University Cultural Centre in scenic Kent Ridge campus, it manages a growing number of collections housed under-one-roof.
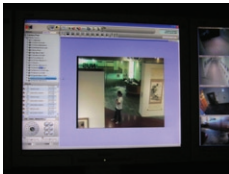
In order to monitor multiple locations on the same platform, NUS museum decided to use ACTi IP surveillance solution as a replacement for their existing analogue security system. ACTi provides cost-effective video servers with strong capability of offering much superior video quality than the DVR solution. Also, ACTi NVR software provides full function in centralized recording and management.

The surveillance solution deployed in the museum includes 4 units of SED-2610 (8 channels video server) and 10 units of ACM-3311 (IR IP fixed dome camera). These equipments are installed in exhibition rooms, reference rooms and the main entrance. In the control room, ACTi NVR, 64ch management software, is adopted to record and manage the whole 50 channels.

"ACTi's video server is definitely a cost-effective solution for the NUS museum. Without any waste of its existing investment, all the analogue cameras are easily upgraded to an IP-based technology!" said by Sean Tan, Sales Director of Nextan.
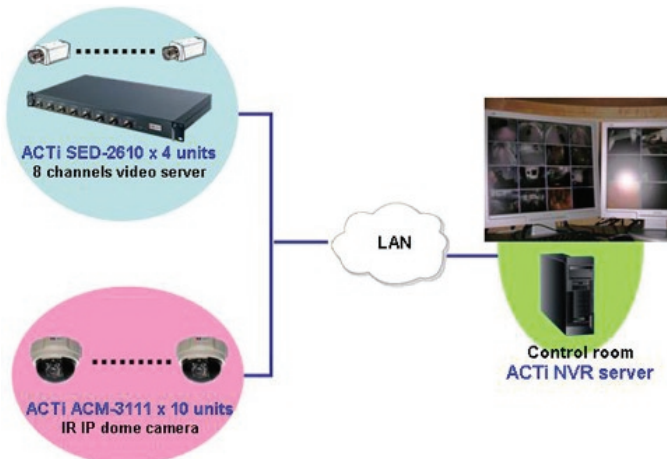
ACTi SED-2610 x 4 units
8 channels video server

ACTi ACM-3111 x 10 units
IR IP dome camera

LAN

Control room
ACTi NVR server

Anaheim Convention Center Fights Illegal Activities with ACTi IP Surveillance Solution

Civic Centers in the United States host a variety of public events, ranging from full conventions like ASIS or ISCWest, to car shows, to sporting events, or gun shows. During these events there are many security issues that can occur in a public form like the Anaheim Convention Center. These range from trespassing, theft, arson, riots or acts of public disorder. The Department of Homeland Security has also deemed city convention centers a likely place for a possible terrorist attack and has made great strides in helping to secure locations like the Anaheim Convention Center.

This installation consists of over 350 channels of encoded video using ACTi SED-2410, two-channel video server, all of which are rack mounted to allow for a better space-saving configuration. This system is controlled by an ONSSI head end that is also part of the City of Anaheim central operations center. The Anaheim Police Department also has access to surveillance video via a remote connection, so in the event of an emergency, the police can pull up live video to aid in the deployment of first responders.

Why Chose ACTi?

Before the project was completed, the Anaheim Convention Center had many analog cameras ranging from fixed box cameras to PTZ's. Once connected to ACTi's video servers, all of their video was migrated over to an IP based solution with effective use of the existing network infrastructure. This allowed operators to view video at full frame rate (30 fps) with minimal bandwidth consumption per channel.
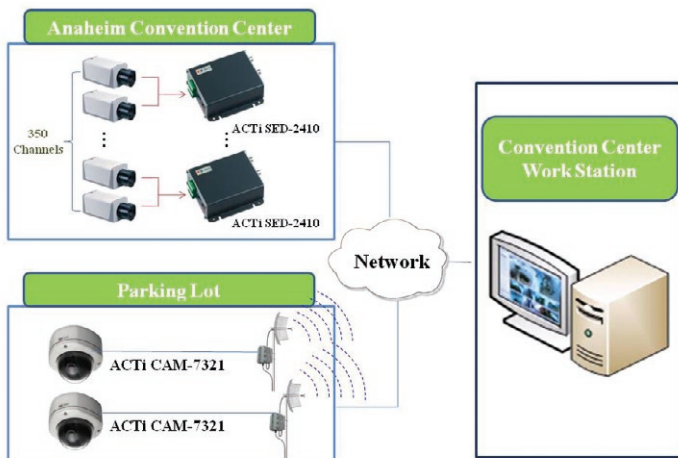
Country: Australia
Vertical Market: Healthcare
Solution: IP Surveillance, Wireless
Product: ACM-3311/ 3211 IP Fixed Dome + CAM-5321
IP Box Camera + CAM-7321 IP Rugged Dome +
CAM-6620 IP Speed Dome + ACTi NVR Enterprise

ACTi Provide Unified IP Surveillance Solution for Auburn Medical Center in Sydney, Australia

Auburn Medical Center is a brand new medical center in Sydney. It is a 6-floor private medical center with numbers of consulting rooms, treatment rooms and the underground parking lot. This center is designed for medical professionals and specialist to offer service for the public.

To provide a safe environment for medical professionals, specialists and patients, the system must be available and function properly 24 hours a day, 7 days a week. The basic requirement of the customer is that they need a security system that is easy to use and scalable for future expansion. Additionally, the owner requests high resolution in both Day/Night monitoring applications in order to cover all entrances and indoor corridors and to prevent any robberies or thefts from happening. Considering all the demands issued by the Auburn Medical Center, ACTi IP Unified Surveillance Solution seems to be the best choice!

A total number of 35 units, including various types of cameras, is deployed to meet the requirements from the customer. For example, in order to monitor the whole medical center during the night time, they use ACM-3211/ 3311, indoor IP fixed domes with IR LED build-in, to allow administrators to get clear video image when the center is closed at night. As for the recording and management application, they use ACTi NVR Enterprise server and workstation in the control center and enable web clients to do remote monitoring via Internet Explorer. All the authorized operators are now able to have a comprehensive view of the medical center by just logging into the system. Distance or time can never be a troublesome issue for security surveillance anymore.

" ACTi provides a simple but state-of-the-art IP video surveillance solution for this end user. The deployment is fast and the image quality has perfectly fulfilled the customer's needs. ACTi outshines the other IP camera providers in the industry by offering a complete product line ranging from low-end to high-end!" said Roger Chan from Wireless Tech Australia.
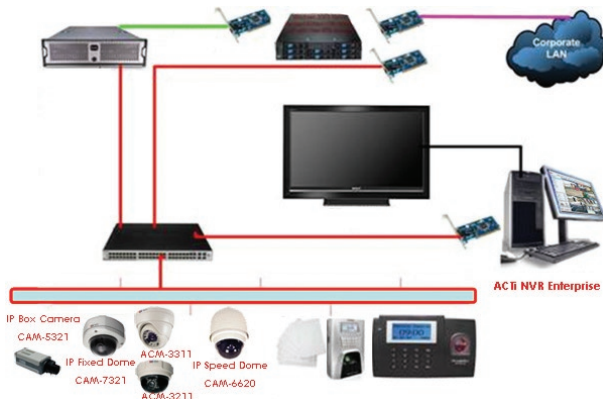
Country: Japan
Vertical Market: Healthcare
Solution: IP Surveillance, Wired
Product: ACM-3411 Megapixel IP Fixed Dome +
ACM-5611 Megapixel IP Box Camera + ACTi
NVR Enterprise

ACTi Megapixel Unified Soltuion Deployed in A Japanese Hospital

TB-EYE LTD, ACTi's main distributor in Japan, has successfully deployed a new IP surveillance system with the implementation of ACTi unified solution in a hospital project, located in the Chubu District in Japan.

The new IP surveillance system comprises fifty units of ACM-3411, Megapixel IP Fixed Dome Camera, four units of ACM-5611, Megapixel IP Box camera as well as the independently-developed management software, ACTi NVR Enterprise.

The main purpose of deploying a new IP-based surveillance system for the hospital is to ensure the safety of all the inpatients. It is a 10-floor building and on each floor there are five units of ACM-3411 dome type IP cameras installed to monitor visitors entering the hospital in case of any possible illegal activities occur. In addition, there are four units of ACM-5611 box type IP cameras installed at the outdoor parking lot.

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), This can help on saving extra cable installation expenses and ensure that all cameras still operate smoothly when the power support fails. Resolution is another strong feature that the hospital can benefit from an IP-based surveillance system. ACM-5611 and ACM-3411 both support Megapixel resolution up to 1280x1024 at 8 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. Now the nurses can simultaneously monitor all the inpatients in different sites of the hospital through the NVR software instead of walking through the ten floors of the building. All the videos are transmitted via Internet network, web clients can easily link to the management interface via Internet Explorer.

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

Solution Architecture
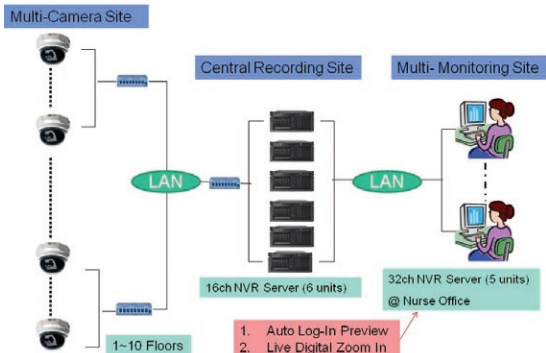
Multi-Camera Site

Central Recording Site

Multi- Monitoring Site

LAN

LAN

16ch NVR Server (6 units)

32ch NVR Server (5 units)
@ Nurse Office

1~10 Floors

1. Auto Log-In Preview
2. Live Digital Zoom In

Country: *Taiwan*
Vertical Market: *Healthcare*
Solution: *IP Surveillance, Wired*
Product: *ACD-2200 Video Server + ACTi NVR*
Enterprise

ACTi Supports Bureau of National Health Insurance with the New IP Surveillance Solution

Bureau of National Health Insurance (NHI) is the key medical service provider in Taiwan. As a government organization managing a great amount of confidential public information, NHI has higher standard and responsibility in protecting all the data. Due to the reason, NHI is aware of the importance of a well-developed surveillance system and has decided to upgrade its existing security system.

In this new building, NHI uses existing analogue cameras connected with ACTi four-channel video servers, ACD-2200. ACD-2200 supports selective MPEG-4 and MJPEG compression standards for different needs. Also, ACD-2200 provides up to Full D1 (720x480) resolution at 30 fps as well as two-way audio function. Comparing with the analogue system, the cost of the overall installation and maintenance of an IP-based surveillance system is much lower. A traditional analogue system needs at least 36 coaxial cables for installation and it is very difficult for management.

ACTi provides FREE NVR software to manage all the cameras in recording, image display, playback and e-map management. Comparing with DVR system, ACTi unified solution can save more storage space and improve management efficiency.

" If we still went with an analogue-based system, we would need at least 3 units of DVR machines, whereas we can manage up to 64 channel on a NVR system. ACTi's NVR Enterprise is easy to manage, scalable to expansion and flexible for integration. The best thing is, it's free!" stated Mr Chen, the system integrator of the project.
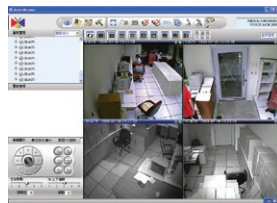
ACTi IP Video Solution in Action for Metal Processing Plant in Chile

Gerdau Aza S.A. is a metal recycling and processing plant in Chile. Gerdau Aza is building five recycling plants in different locations in Chile. The first one is a pilot project in Temuco in southern Chile: Panamericana Norte Km. 18 1/2, Colina, Santiago de Chile. ACTi's authorized reseller, Vigicam Ltda, provided an ACTi's unified solution for the first pilot project." The ACTi unified solution was composed of free 16-channel NVR software and the bandwidth efficient IP cameras which allow my customer to seamlessly combine the license plate recognition tasks with security monitoring requirements, said, Mr. G. Luca Vergazzoli, president of Vigicam Ltda.

One of the first pilot run's requirements was the use of two all-in-one, weatherproof outdoor IP cameras to monitor the access point in order to take still images at incoming and outgoing trucks and match the still images with the license plate of the trucks and all data stored in Gerdau Aza's data system. Also, Gerdau Aza specifically required an IP speed dome camera in order to monitor all area efficiently and freely (about 2 metric hectares). Besides the needs of monitoring the outside area of the Temuco plant, an IP fixed dome camera was installed indoor, in the head office and it was equipped with a microphone and a speaker in order to permit a full interoperability with Gerdau Aza's headquarter 700 km away. This is the first project and it will be replicated in four more plants in Chile: in Iquique, Antofagasta, Quintero and Concepcion.
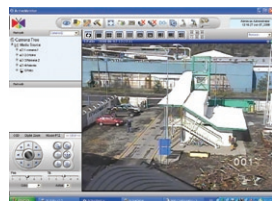
The solution was an ACTi NVR Server interconnected with:

- ACM-1431 for Truck Weighting Point (2 cameras: one for the truck and one for the trail)
- ACM-1431 for truck plate recognition
- ACM-3100 for the main office
- CAM-6620 in the middle of the field at 15 metres high on a pole
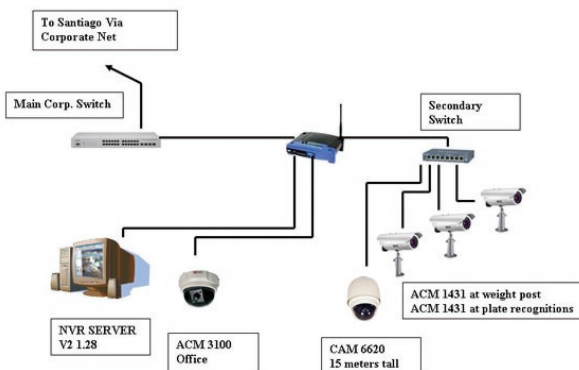
Nelson Rozas, National Buyer Manager of Gerdau Aza S.A, commented:" We already have analogue systems installed in different plants but we wanted to upgrade the systems and start using IP solutions which we know is the future. I believe that we can get the best from ACTi's technology because of its flexibility and the unlimited scalability that it has."

Country: *China*

Vertical Market: *Manufacturing & Industrial*

Solution: *IP Surveillance, Wired*

Product: *ACD-2100 Video Server + ACTi NVR Enterprise*

ACTi Supports Oil Trunk Surveillance for China Petroleum in Tieling, China

The assurance and control of the safety for the oil depot and gasoline station are critical to the nation-wide matter for industrial safety management where those facilities are main source of industrial hazard. Moreover, a severe and profound impact might happen due to the explosion of the inflammable material.

" Safety is politics, safety is reliability, and safety is benefit" is the rule of thumb to keep up, as well as the reinforcement of fire-proof monitoring for oil depot and oil tank. After comprehensive screening for vendor selection, the China Petroleum in Tieling, Liaoning chose ACTi ACD-2100, one-channel video server along with the traditional analog camera as a hybrid surveillance solution.
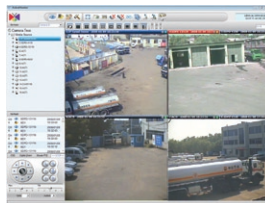
The project consists of 20 units of ACTi ACD-2100, one-channel video server and ACTi NVR v. 2.1 management system. The analog video stream from analog camera is transferred via video server to ACTi NVR server. The superior quality of ACTi's MPEG-4 compression consumes limited bandwidth resources to deliver a clear imaging of Full D1 resolution quality at 25 frames per second, which facilitate the surveillance of oil depot and also the direct access of the surveillance system by the upper management.

As the result of the experience of this surveillance system, the oil depot and gasoline station is very satisfied with the reliability and ease of management of ACTi's offering. The IP-bases system will be expanded to more oil depots and gasoline stations from China Petroleum in the near future.
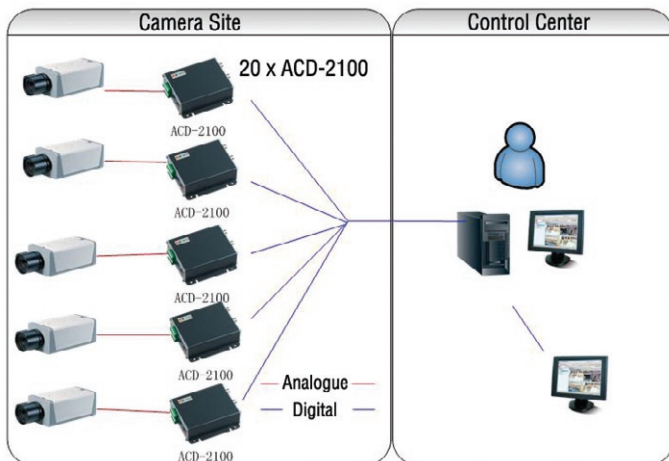
Country: Indonesia
Vertical Market: Manufacturing & Industrial
Solution: IP Surveillance, Wired
Product: ACD-1311 IP Bullet Camera + ACTi NVR Enterprise

PT Mulia Glass Chose ACTi IP Surveillance Solution in Indonesia

PT Mulia Glass is a group from PT Mulia Tbk. They produce sheet glass, which is usually used in automotive industry, real estate, buildings, etc. In the case, PT Mulia Glass Float Division – Cutting Line, is where the glass will be cut into specified size, small, medium or large size glass.

ACTi offers complete range of IP cameras, stretching from low end to high end products, with resolution up to 1.3 Megapixel (1280x1024). All the cameras support selective compression technologies to fulfill countries with different bandwidth requirements.

ACTi also provides management software, NVR Enterprise. The web-client architecture allows customers to manage their servers from a remote work stations via Internet Explorer. Overall the system is easy to manage.
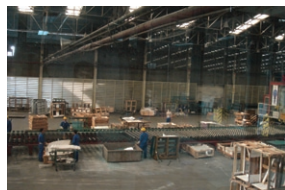
" ACTi's products are very useful for the video surveillance system at PT Mulia Glass because it provides detailed images of all the activities happening on the production line." stated Agung, the director from PT Arila Putra Mahkota.

" It's very easy to manage the NVR system because of its client-server architecture. I'm also very satisfied with the great technical support from ACTi. Whenever I have a technical issue requiring immediate support, I can just log into its Customer Help Desk system to get someone to solve my problem. ACTi provides end-to-end solution, ranging from pre-sales to post-sales services. There is nothing that ACTi cannot support! It is just amazing!" commented Yoga SAN, the engineer from PT Arila Putra Mahkota.
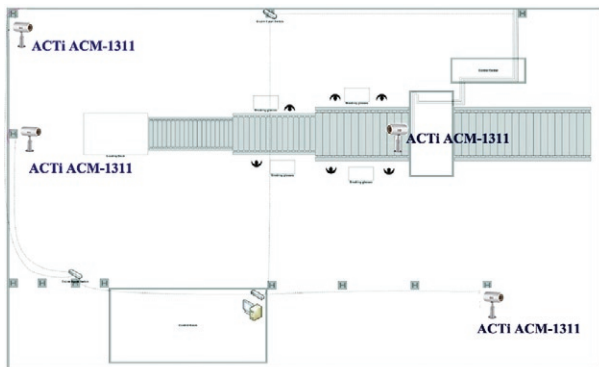
ACTi Provides Construction Site Monitoring for Ahmad Zaki Resource Berhad

Ahmad Zaki Resource Berhad (AZRB) is a leading construction contractor in Malaysia, focusing on the building constructions for the government. AZSB grew into an enviable construction company undertaking many of the country's landmarks. Projects such as the Sepang Formula One Racing Circuit, the Federal Territory Mosque and the Kuala Lumpur International Airport Mosque have won various awards in the construction industry. The company further established its good track records in the building of few universities, campuses and sports stadiums. In the infrastructure works, AZSB involved itself in construction of a few highways, bridges and water treatment plants.

AZRB is engaging Aircomaster sdn bhd to provide the IP based CCTV solutions to monitoring the construction progress at the Makhamah PJ (PJ Court). It enabled the management to have the latest construction progress update thru the Internet CCTV monitoring system.

ACTi Hybrid CCTV solutions with ACD-2100 video servers were used to work with outdoor weatherproof cameras which mounted 25 Meters Height. The ACTi ACD-2100 video server was easily integrated with their existing online monitoring system for providing up to date video for construction safety purpose.
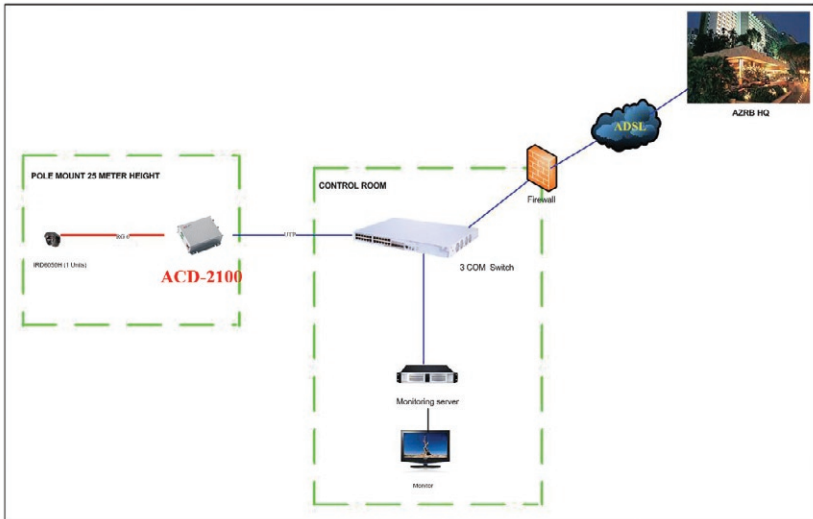
Country: Vietnam
Vertical Market: Manufacturing & Industrial
Solution: Hybrid DVR
Product: SED-2120 Video Server + SED-3320 Video Decoder

ACTi Solution Enabled IP Surveillance for Chinfon Cement Corporation in Vietnam

Located at the centre of Southeast Asia, Vietnam is blessed with rich natural resources and embraces great potential for economic development. The Chinfon Cement Corporation was blessed with the abundant natural resource for cement production, which make solid foundation of many projects all over Vietnam.

ACTi MPEG-4 IP products provide full D1 (720x576) resolution at 25 frames per second and consume only low bandwidth and storage size. This will help the end users to convert the analog surveillance system to IP surveillance system more easily.

ACTi SED-2120 Video Server and SED-3320 Video Decoder have dual MPEG-4 video stream output via LAN and WAN ports at the same time. The efficient compression technology enables smooth video transmission via Internet network especially for a country like Vietnam where bandwidth is relatively limited. Chinfon Cement Corporation saves lots of cabling and installation cost because they can use the existing network structure without spending additional money in wiring. Also, due to the built-in hardware motion detection, customers do not need to install an extra computer to analyze the event.

ACTi Video Server & Video Decoder in Rack

" ACTi always provides the best solution and always the full technical support, I'm glad to work with ACTi in Vietnam." Said Tran Loi, the director of LOIKHA, ACTi's partner in Vietnam.
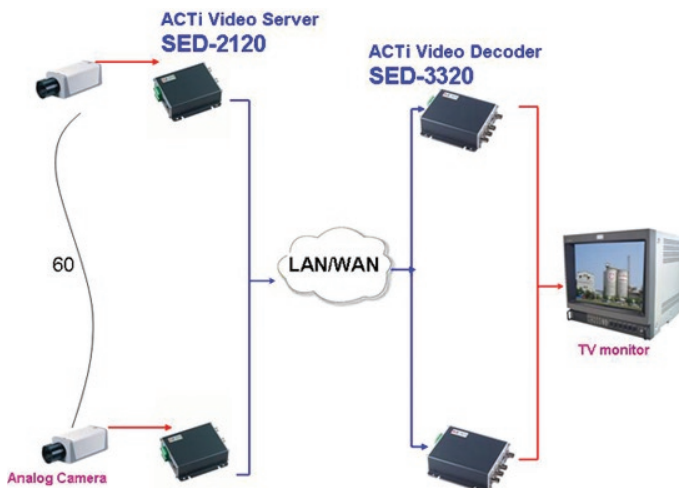
ACTi Video Server
SED-2120

ACTi Video Decoder
SED-3320

60

LAN/WAN

TV monitor

Analog Camera

Densy B&W Technics, Bulgaria, Safeguards Properties with ACTi IP Surveillance Solution

Densy B&W Technics, an electronic store focusing on the sales of communication, computer and consumer related products in Sofia, Bulgaria, has now embarked on its collaboration with ACTi.

With ACTi's Unified Solution, including ACM-4200, Entry-Level Megapixel Cube Camera and NVR Enterprise, centralized management software, the shop owner can now enjoy the maximum advantages of IP cameras with the most competitive price! All the video data is transmitted via Internet, which will empower real-time live view and recording to allow our customers to do remote management at anytime, anywhere!

This project is aimed to monitor the devices and properties of the store. ACTi's local partner, RED Security, proposed ACTi's compact Mega-pixel cube camera for this customer. In comparison with cameras which have only D1 or VGA resolution supported, ACTi's Megapixel camera, ACM-4200, enables the security manager of Densy B&W Technics, to recognize customers' faces and behaviors. All the recorded data is transmitted simultaneously from the camera site to the control management station which helps prevent any possible accidents of camera damage resulting in video loss. Furthermore, the ACM-4200 is a white cube-shaped camera that easily matches the atmosphere of the store.

" ACTi's centralized management software is of great help for our application. I can view live video and record anywhere I have an internet connection, anytime I want; and it is free! Comparing with traditional DVR/analog camera solutions, ACTi provides cameras with superior video quality at an affordable price!" says the owner of Densy B&W Technics.

KIWI Minipris Implemented ACTi IP Surveillance for Its New Expansions of 55 Stores in Denmark

KIWI minipris is a Norwegian discount store chain owned by NorgesGruppen A/S, which is the largest trading company in Norway, specializing in grocery retail and wholesale. In Denmark, it is a joint venture between NorgesGruppen and Dagrofa. The business is operated by franchise operator, with 1919 grocery stores and 729 kiosks established in the Nordic region. In 2008, KIWI has managed to expand its business operation by rolling out 55 new stores in Denmark, hoping to reach 100 stores in 2010.

ACTi ACM-4200 Megapixel IP Cube Camera was chosen as part of the video surveillance system for the new KIWI affiliates in Denmark. ACM-4200 is able to provide high-quality video of 1280x1024 @ 8 fps while the bandwidth consumption is only 2Mbps. Other superior features include integrated two-way audio for real-time communication; multi-stream with variable frame rate in selectable MPEG-4/MJPEG compressions for optimizing image quality and bandwidth efficiency.

ACM-4200 is designed to fulfill customers' needs in megapixel products with high performance/price ratio. In the retail industry, where a single deployment usually needs a great number of cameras for in-store display monitoring, budget is certainly a considerable concern. ACM-4200, ACTi Entry-Level Megapixel camera, representing" function" and" quality", is surely more capable of providing a cost-efficient solution than other manufacturers in the industry.

In each store, 10 pieces of ACM-4200 are installed in specific positions to provide detailed images of aisles and those areas where thefts usually occur, such as alcohol counters. Another two pieces of ACM-5611, Megapixel IP Box Camera are set up in the front and back entrances for Day & Night functionality.

The surveillance project is accomplished by IT Gruppen, - a Microsoft Gold Certified company providing IT solution for retail applications in Scandinavia countries. An open platform of Milestone's management software together with ACTi IP cameras is adopted to ensure the safety for every corner of the chain stores, including entrances, aisles between display lanes and the cashier counter. The brand new security system will help the chain stores in goods loss prevention and provide powerful evidences in case that the illegal activities occur.

Country: Iceland
Vertical Market: Retail
Solution: IP Surveillance, Wired
Product: CAM-7201 IP Fixed Dome

ACTi and Milestone Secure Top-floor Restaurant in Iceland

ACTi IP fixed dome along with Milestone XProtect NVR were installed by ACTi local solution partner, Security Center of Iceland, in the new trendy top-floor restaurant, Turninn, a 21-floor building in Smáraturn of Iceland. The two-floor installation was completed in 2007 for welcoming celebrities celebrating for the New Year's events.

A plan was drawn up to provide a security system for areas like the reception hall, the dinning area, kitchen and the bar of the restaurant. As the network infrastructure is ready in the newly furnished restaurant. Key issues under consideration were the need to install IP cameras with PoE (Power over Ethernet) function to facilitate the installation process.

The restaurant chose to use 13 units of CAM-7201P, ACTi IP fixed domes, equipped with 1/3" colour DSP 480 line which can function at a minimum illumination of 0.15 lux in high gain mode at F1.2. The cameras are managed by 16-channel XProtect network video recorder (NVR) from Milestone. Images are monitored remotely by the restaurant manager at the office and can be accessed remotely at anytime anywhere as long as there are the authorized user ID and password.

ACTi has enjoyed great reputation in Scandinavia, and the products have been used in many of the projects from ICA Group in Sweden, the Finnish police academy and the Norwegian port authority. All of whom report good results with ACTi's products.

The systems integrator of the project was Security of Iceland, whose Product Manager, Árni Reimarsson, said:" Smooth and clear video quality are of great importance nowadays for surveillance applications. Most of MJPEG IP cameras are not able to support this function without huge storage space consumption. For this reason, ACTi MPEG-4 IP Cameras were chosen since its in-house design MPEG-4 compression SoC with Sony DSP censor consumes much less bandwidth requirement. For countries where bandwidth is highly expensive, ACTi's IP surveillance solution is definitely the best choice!"
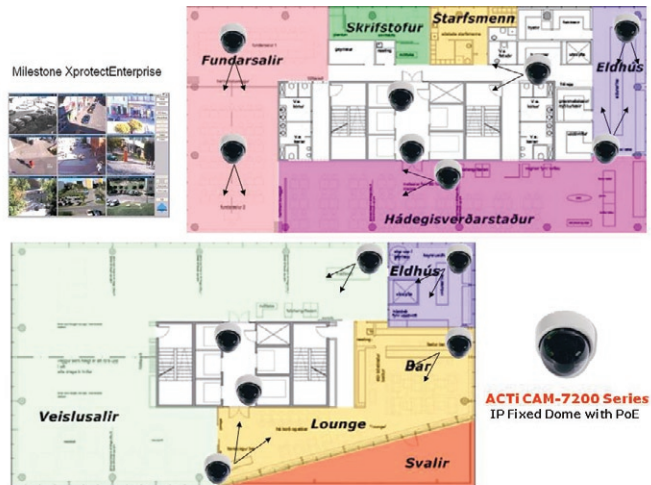
ACTi IP Surveillance Ensures Good Distribution for General Market, Italy

Located in Salerno (Italy), General Market represents the principal point for fruit and vegetables distribution. Here is where first fruits get stored before reaching retail markets in the whole area. ACTi IP camera implementation increased security of one of the main wholesaler's headquarter situated inside of the General Market and, moreover, allowed remote monitoring of branch offices and silos points located into other zones.

The whole project involved 18 ACTi IP cameras distributed over three different points and the use of video management software. Specifically, two pieces of ACTi ACM-1431 and four ACM-1311 camera models were used for each of the two remote points, in order to guarantee security of silos and collection points of the fruit stocks.

Both of these points also required a dedicated video software platform running on two servers for local video monitoring and recording. At the same time, another video application has been installed on a third server at the headquarter office, in order to manage both the ACTi IP cameras herein installed, which consisted in three pieces of ACTi ACM-1431, two ACM-4200 and one piece of ACM-5611, as well as centralized management of all remote video channels via WAN.

Once again, ACTi megapixel technology worked on monitoring very large areas (approx 240 squared metres per camera) in combination with ultra-wide angle megapixel Computar lens assuring the view of the whole management stock gallery without loosing details.

Video software platform offers advanced features in a multi-site environment as group camera management and ACTi variable frame technology support to avoid bandwidth issues. In any case, prompt alerts are also provided by the video software in case of network failure or video loss.

" We are really impressed by the excellent video quality of ACTi's Megapixel cameras and the multiple video management choices." said the market owner.
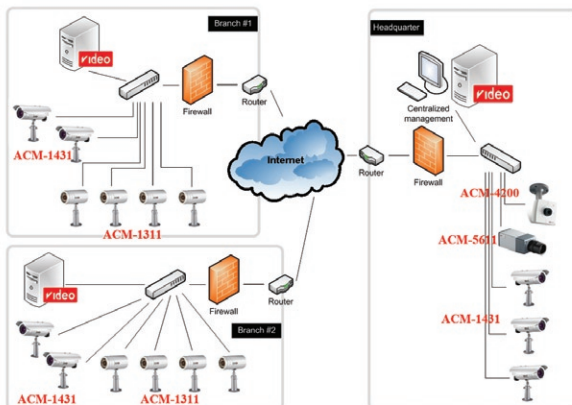
Country: Italy
Vertical Market: Retail
Solution: IP Surveillance, Wired
Product: ACM-1311 IP Bullet Camera + ACM-3311
IP Fixed Dome

La Focaccia, Italy Heats Up Security Protection with ACTi IP Cameras

LA FOCACCIA is a family-owned Pizza restaurant located in Napoli, Italy. During the daytime, there are more than 1000 students visiting LA FOCACCIA for its delicious hand-made pizza. The store is always very crowded so it is impossible to keep an eye on every customer entering the shop. Safety is always the first concern for the owner. Even if it is after regular business hours, the owner still has to fight against all the illegal activities such as theft and robberies. Now, with the newest technology in ACTi IP Surveillance Solution, the owner finds a perfect way to cope with such issues!

The store has a total number of six ACTi Day & Night cameras installed, including three ACM-1311 Indoor IP Bullet Cameras and three ACM-3311 Indoor IP Fixed Domes. Both models are equipped with Power over Ethernet (PoE). The entire installation on ACTi IP Surveillance Solution ensures LA FOCACCIA to get the most effective use of available functions supported with the least cost expense. Besides, both models are equipped with mechanical IR cut filter and IR LED, which means that they are capable of delivering high-quality video with a wealth of details even in a low-light condition.

LA FOCACCIA pizza store is located in one of the most crowded city center building, making it impossible to install cabling between the food service area and internal rooms where hot hand-made pizza are prepared. The wireless bridge, using two access points, provides a solid link between the two groups of cameras. The combination of PoE and UPS (Uninterruptible Power Supply) together at the access point level ensures fluid video stream flow even when power breaks. Other than that, instead of digital D/N function, which is widely chosen in the market due to its low cost, ACTi D/N cameras use Mechanical D/N function to offer superior video performance with a wealth of details in the night mode.

ACTi bundle all the advantageous functions into one camera with competitive price. Its comprehensive product line with excellent video quality and continuous technology innovation to meet market demands are how and why ACTi brings IP Surveillance to the mass market!
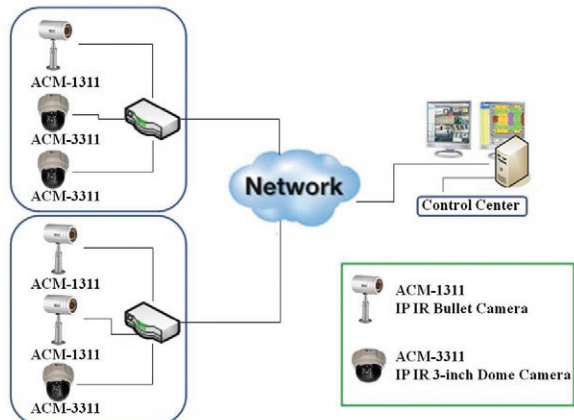
Country: Sweden
Vertical Market: Retail
Solution: IP Surveillance, Wired
Product: CAM-5321 IP Box Camera + CAM-7321 IP
Fixed Dome + CAM-6620 IP Speed Deom +
SED-2120/ACD-2200 Video Server

ICA Chose ACTi and Milestone for Their Main Warehouse Security in Sweden

ICA Group is the number one retail company in the Nordic region with more than 2,250 retail stores in Sweden, Norway and the Baltic states. ICA HACKSTA is the main warehouse for the ICA Group located in the city of Västerås. This warehouse supplies ICA stores with merchandise on a daily basis all over Sweden.

The ICA HACKSTA Warehouse measures indoors 105,000 m² and outdoors 350,000 m². There are 96 cargo gates in the warehouse building and more than 300 long-distance trucks are passing in and out 7 days a week.

There are more than 120 units of ACTi IP cameras and video servers installed in both indoor and outdoor environments. For outdoor application, CAM-5321, CAM-7321P, CAM- 6620 are deployed as the main monitoring equipments. Its existing analogue ANPR cameras, and speed domes are connected to ACTi SED-2120 and ACD-2200 video servers. All indoor cameras are ACTi CAM-7321P models.

Five NVR server recorders with Milestone Enterprise IP Video Software are implemented to manage all the cameras. The network infrastructure is Security Gb LAN with Building Fiber Backbone where 25 pieces of 24-port 10/100/1000 PoE switches are connected. Every PoE switch is strategically placed and has capacity for more additional ACTi IP cameras whenever more surveillance is needed.

ICA Security Coordinator Kimmo Ollila explains the reason they chose ACTi:" ICA carried out a very extensive real-life test, where all competing IP manufacturer products were compared against ICA's quality requirements product by product, both in day- and night-time environments. ACTi products met all ICA's requirements of very high quality live images at very low bandwidth and all this at the best price levels in comparison with other well-known competitor brands in the market."
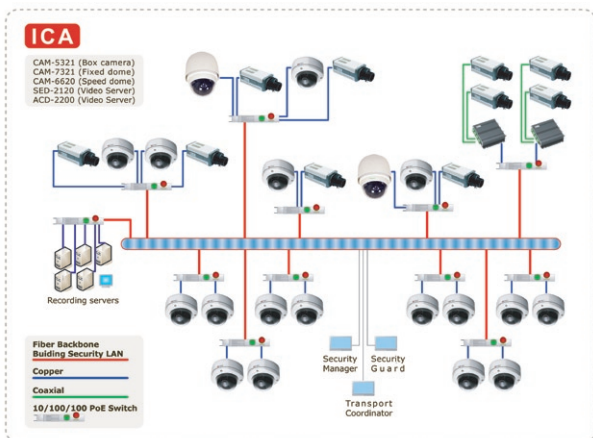
Country: Finland
Vertical Market: Sport & Leisure
Solution: IP Surveillance, Wired
Product: CAM-5300/5320 IP Box Camera +
SED-2120/2420 Video Server +
ACTi NVR Enterprise

ACTi IP Solution Empowers Powerpark's Surveillance System in Alahärmä Finland

Powerpark is a large and well-known amusement park located in Alahärmä Finland. With exciting roller coaster, romantic palace restaurant and Mediterranean hotel, thousands of visitors visit PowerPark and enjoy their holidays there. To make sure every customer has an enjoyable, safe holiday vacation, powerpark chose ACTi IP solution as their security system partner.

Powerpark covers large area and the buildings are all far away from each other. It would be expensive and time-consuming if the application had to install extra coaxial cables. Due to the distance issue, IP-based technology seems to be the only solution, especially when the network infrastructure is already ready.

ACTi's local partner- Avalarm proposed the IP-based security system with the adoption of ACTi IP cameras for this customer. A total number of 17 units of ACTi's surveillance products are deployed for this project, including 8 pieces of CAM-5300, 5 pieces of CAM-5320, 2 pieces of SED-2120 and 2 pieces of SED-2420. These cameras are installed to monitor areas like entrances, gates, administration offices, in-park roads, etc. With the enhanced compression technology supported by ACTi products, customers can enjoy the full D1 25fps clear video quality under only 1.5M bandwidth consumption. Also, the powerful management software, ACTi NVR Enterprise, enables customer to achieve centralized management and remote monitoring without distance constrain.

" The IP manager from Powerpark is purely satisfied with ACTi's great video performance in a low-light environment. The free 16 channels powerful NVR system is also a big plus to the solution." commented Tapio Saikkonen, from Avalarm
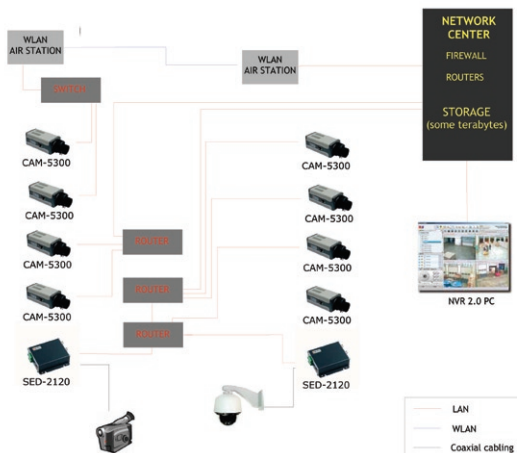
Country: Holland
Vertical Market: Sport & Leisure
Solution: IP Surveillance, Wired
Product: SED-2120 Video Server + ACTi NVR Enterprise

Formula 1 Race-Track Chose ACTi IP Solution to Connect to the World

ACTi and NetAware, a professional Internet solution provider in Holland, have successfully installed an IP surveillance system in Circuit Park Zandvoort, and enabled the world to join the car racing online in real time!

At Circuit Park Zandvoort, Holland's former Formula 1 race-track, 19 analog High Speed Day/Night Domes around the track were installed. Redundant fiber rings have been put around the circuit, with a total of five hundred single-mode fibers. No circuits in Europe or even the world has this kind of infrastructure. Each camera is mounted on a pole of 6, 9 or 12 meters high and is connected through a video/data converter onto a single fiber. The signals are being converted back to video/data at the server room. From there the video signals go into the ACTi SED-2120 video servers, which are mounted in ACTi rack mounts.

ACTi SED-2120 was used to convert the analog video to MPEG4 (at 3 Mbit/25 fps). All video servers are connected through the LAN port to a switch, and then to ACTi NVR for recording and playback. A Dell PE server was installed with an attached 6 Terabyte (RAID 5, fiber channel) storage. Video was set to record 365/24/7. Video coming out of ACTi SED-2120 goes through a matrix which is used to control the monitors at race control. Video signals are also distributed to a local CATV system and Internet. The WAN port of ACTi SED-2120 is connected directly to the internet which gives use the opportunity to monitor and look at each camera/video server from around the world!

For Circuit Park Zandvoort, it is very important to have a good working recording and real-time playback solution that could operate at full D1 / 25 fps. ACTi SED-2120 video server and NVR are exactly what the end users are looking for. SED-2120 has two Ethernet ports, that enable the record/playback and online preview can be done at the same time. Also, SED-2120 has built-in composite output, which can be used to connect to the Matrix to the TV Wall to do real-time monitoring. In the meantime, ACTi NVR enables reliable recording and real-time playback, which is the most important part during the racing events!
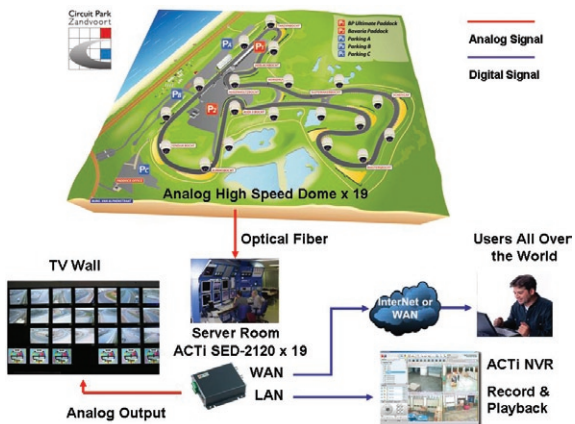
Both NetAware and the management of Circuit Park Zandvoort are very satisfied with ACTi, and they plan to install a sophisticated wireless 5.x GHz system around the track in Zandvoort this year, and of course, will adopt a ACTi solution!
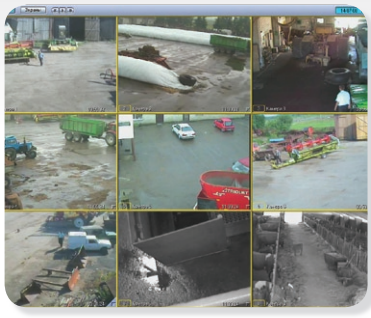
ACTi and ITV Built Up An IP Surveillance System for A Farm in Lithuania

ACTi and ITV, a Russian software company, co-work to build up an IP surveillance system for a farm in Panevezys city, Lithuania.

The owner of the farm, Mr. Kestutis Povilonis, has been eager to establish a security system since a lot of goods and agricultural engineering in this farm need to be protected.

Saugos Technologiju Grupe Ltd, the member of the Lithuania security systems companies association, proposed ACTi IP surveillance system for this end user. The IP-based security system gives the customer the easiest way to enjoy a highly cost-effective soluion with rapid installation and good video quality. Furthermore, it ensures great scalability for future expansion.

The security system for this farm project consists of 18 units of ACTi ACM-1431 cameras. ACM-1431 is an outdoor all-in-one IP camera – it is not only very competitive at the price, but also has great low light perforamce due to its buil-in IR LED. Also, ACM-1431 supports full D1 resolution (720×576), 25 frames per second and uses low bit rate to ensure superior video quality. This is essential for countries where bandwidth is a critical concern for video transmission.

" This security system perfectly met my expectations. Both live view and recording videos are in high quality. Now I can see workers doing daily works at the farm while I am at home, and all the goods and agricultural engineering are under well protection" said Mr. Kestutis Povilonis, the farm owner.
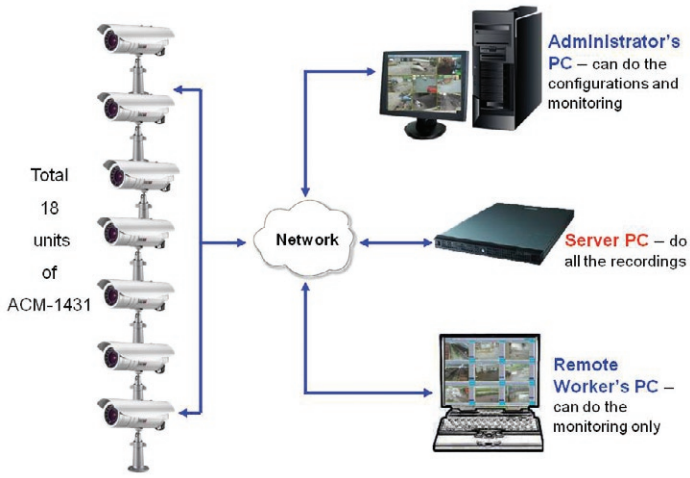
ACTi IP Video Surveillance Protects Ford Mustang Museum in Mexico

ACTi's IP video surveillance solution helps to protect a precious car museum in Mexico. The museum is called Mustang Museum in Tampico of Mexico. Every car there has a historic reference and an anecdote related to the past of the car.

When you find yourself in the museum, surrounded by Shelbies, it is impossible to keep a smile to yourself. The success that surrounds this brand and Dr. Gómez, the general manager of Mustang Museum can be felt in the air. Being there is like running away from your troubles, isolating yourself in time. And, if you are lucky, maybe you could hear a 500 H.P. Roush engine.

Dr. Roberto Gómez Tobías has decided to watch and protect his facilities and his associates invaluable collection with a CCTV solution provided by BC Security, ACTi's certified partner in Mexico. BC Security keeps leadership in Mexico in digital CCTV technologies, as reseller and provider. BC Security also offers customer support and customized solutions to his customers.

After knowing all the benefits from ACTi system which is offered and installed by BC Security, Dr. Gómez has decided to replace his current analog CCTV surveillance system for an IP solution, mixing day/night cameras (ACTi ACM-1431N) and PTZ camera (ACTi CAM-6500N), with ACTi NVR servers, to keep track of everything that happens in his museum and his collection. The ACTi solution allows multiple associates of the Museum to obtain live preview of the museum as well retrieve recorded videos remotely and conveniently. Also, allowing visitors to first view the museum on-line live before coming physically to the museum can also be made possible by the powerful ACTi NVR software which allows unlimited clients to log in.

" For our visitors we offer the highest quality level available, and for our associates we keep their cars in the best conditions. We expect nothing else but excellence in our surveillance system due to the sentimental and economical value of our collection. With BC Security, we have achieved our objectives, and also the best quality / cost ratio. I'm sure we couldn't be more satisfied by the IP video surveillance provided by ACTi solutions", said recently Dr. Gómez when he was interviewed by a local publication covering the opening of the museum.

Country: *Singapore*
Vertical Market: *Sports & Leisure*
Solution: *IP Surveillance, Wireless*
Product: *ACM-1231 Megapixel IP Bullet Camera +*
ACM-3411 Megapixel IP Fixed Dome +
ACTi NVR Enterprise

ACTi Megapixel IP Cameras Secured Hortpark in Singapore

HortPark is a one-stop gardening hub that brings together gardening-related, recreational, educational, research and retail activities under one big canopy in a park environment. It is a knowledge hub for plants/gardening and provides the platform for the industry to share best practices and showcase garden designs, products and services. This 23-hectare regional park in South-Western Singapore is also a park connector, connecting Telok Blangah Hill Park to Kent Ridge Park.

To protect the various assets and to improve the security of the park, National Parks Board (NParks) published a tender inviting proposals to implement a high performance wireless video surveillance system for Hortpark.
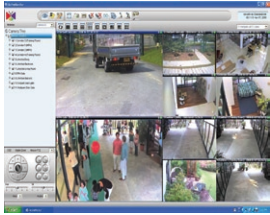
NEXTAN Pte. Ltd, ACTi's partner in Singapore, won the tender with its proposal of ACTi latest MPEG4 Megapixel IP cameras, riding on a tried and tested WIFI wireless backbone. The total solution beat the competitors in performance, technology and cost effectiveness.

7 x ACM-3411 Indoor Megapixel IP dome camera and 4 x ACM-1231 Outdoor Megapixel IP bullet camera are installed at the various locations around the park, linked by a network of 7 outdoor wireless base stations, repeater and clients. The ACTi NVR Enterprise software is used for the management, monitoring and recording functions.

The advantage of the ACTi MPEG4 Megapixel IP camera system was immediately realized: it provides crispy sharp photo quality video streaming at megapixel resolution (1280x1024) without consuming large bandwidth as in the case of most Megapixel camera systems which use MJPEG streaming. Particularly impressive is the camera's ability to capture details like vehicle license plate and human facial features, meeting the requirement of state-of-art video surveillance technology.
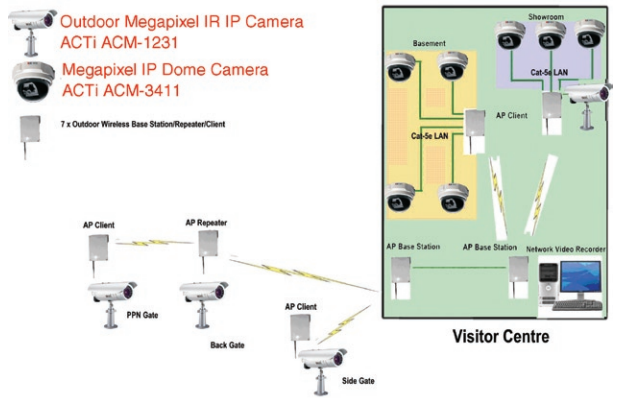
ACTi Secured Newton Food Center in Singapore

ACTi and its local business partner in singapore, D-RON SINGAPORE PTE LTD, has recentl installed a successful security system for the Newton Food Centre.

Newton Food Centre is a major food centre located in Newton, Singapore. The food centre was promoted by the Singapore Tourism Board (STB) as a tourist attraction for sampling Singaporean cuisine and it was first opened in 1971. The security system in Newton Food Centre composed of 12 units of ACTi ACM-1431, 4 units of ACD-2100, and ACTi Professional, 16 Channels NVR software.

The National Environment Agency (NEA) installed these cameras for several purposes:

1. Security - Asian countries are very worried that European and American tourist are the targets of terrorist attack.
2. Touting and soliciting - Newton hawkers are also famous for touting and even harassing tourists for business.
3. Smoking ban - All Singapore food centers are supposed to be cigarette-free.

To secure the saftety for a big tourism spot, an IP-based sureveillance system is much more cost-effective compared with the CCTV system because coxial cables installation is highly expensive when the monitoring area is wide and large.

ACTi's products offer good video quality and easy-to-manage softwre. Most importantly, it helps control center to do real-time remote monitoring. IP surveillance is a convenient and reliable system to secure famous tourism attractions like the Netton Food Center." ACTi's IP Camera is an excellent product and the free software offering has made the solution perfect!" said Ivan Tan, Cilent Solution Manager of D-Ron.
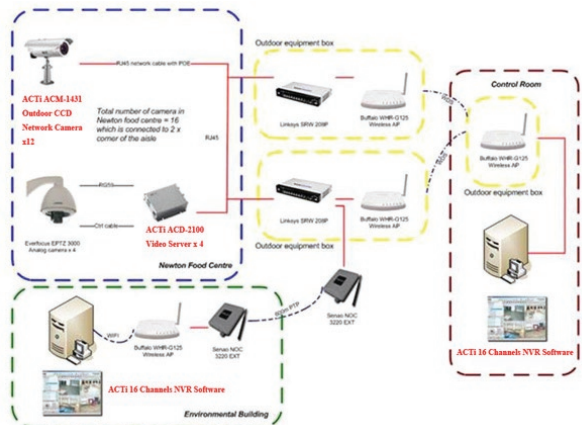
Country: Sweden
Vertical Market: Sports & Leisure
Solution: IP Surveillance, Wired
Product: ACM-3401/ACM-7411 Megapixel IP Fixed
Dome + ACM-1231/ACM-5611 Megapixel
IP Bullet/Box Camera

Swedish Luxury Hotel Ensures Safety with ACTi Megapixel IP Cameras

Copperhill Mountain Lodge is a new mountain resort hotel on Mount Förberget in Åre, Sweden. Located at 730 metres above sea level the site is stunning, perched on the tree line, high on the mountain and commanding magnificent views. Copperhill Mountain Lodge cost EUR 75 million to build, and is the first hotel in the northern part of Sweden to be awarded five stars according to the Swedish Hotel and Restaurant Association's standard for hotel classification. The hotel has 112 suites and rooms with a total of 420 beds. The hotel has a modern appearance and a lodge-style setting. It was designed by the renowned American architect Peter Bohlin, famous for drawing Bill Gates' private residence and Apple's prestigious stores.

ACTi provides the complete range of high-performance Megapixel cameras. ACTi ACM-1231 IR Megapixel IP Camera is an outdoor type IP Bullet Camera with strong Day/Night function even in an absolutely dark condition. ACTi ACM-5611 Megapixel Day Night IP Camera is a high-performance Megapixel camera, equipped with Power over Ethernet (PoE), which will enable power supply and data transmission over single network cable. ACTi network security cameras are highly recommended by Copperhill mountain lodge due to its clear image quality and high price/performance ratio.

Acti distributor Teletec Connect together with their partner has delivered a first class IP surveillance system to this very special and prestigious project. Teletec Connect is one of the leading independent distributors of security products in Sweden, Norway and Denmark. Teletec Connect supply and supports full range of intruder alarm, CCTV and Network video products to the professional security industry. Teletec Connect has 36 people in staff with office in Stockholm, Gothenburg, Oslo and Copenhagen.
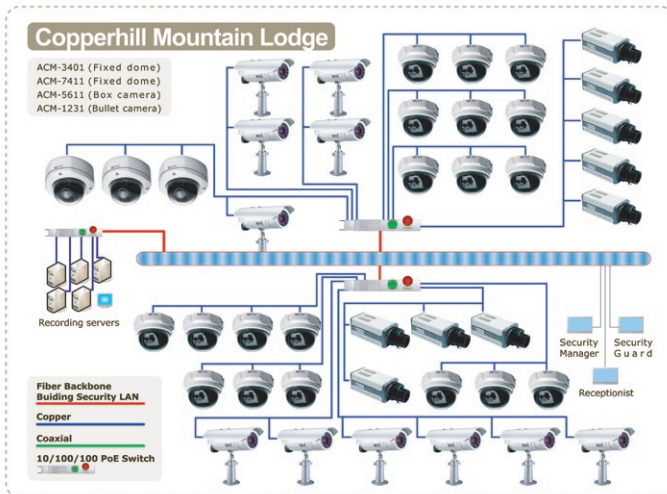
Country: Taiwan
Vertical Market: Sports & Leisure
Solution: IP Surveillance, Wireless
Product: CAM-6630 IP Speed Dome + ACTi NVR Enterprise

# ACTi IP Speed Dome Cameras Installation for "Taiwan Cam" Tourism Service

Taiwan Cam is a tourism service at www.gov.tw, served as a " Networking Platform" for people who are interested in the famous attractions throughout Taiwan. The website comprises live-view videos of 70 tourist spots with relevant information ranging from local culture, environment, history introduction to transportation details.

ACTi cooperated with ChungHwa Telecom for the development of this project. 70 tourist attractions are monitored under ACTi IP Speed Dome Cameras. The video data is recorded at the control center with the deployment of ACTi NVR Enterprise. In order to allow instant videos on MyEGovernment, the data is transmitted from the control center to broadcast server via ADSL 512K two-way transmission broadband network. Tourists can simply link to" Taiwan Cam" website and all videos of the famous attractions in the country are available for online 24-hours live view.

ACTi CAM-6630 35x Optical-Zoom IP Speed Domes were adopted to enable a clear view for any objects within 300 meters. The unique features of this model include 360° endless pan/tilt travel range and pre-set cruise function. The viewing angle is automatically changed every 10 seconds, from which tourists can have a 360° video view of the beautiful sceneries at each attraction spot. The weather proof housing with IP 66 certification provides the best solution for surveillance installation at an outdoor environment.

The implementation of this tourism platform, Taiwan Cam, has already started 5 years ago, yet the MJPEG compression technique it first utilized was not able to produce videos effectively and its heavy bandwidth consumption also led to delayed video images on the website. In order to solve the problem, ChungHwa Telecom deployed ACTi CAM-6630 due to its ability of supporting MPEG4 compression standard. ACTi gives ChungHwa Telecom the most efficient way to upgrade its system under the existing bandwidth condition.
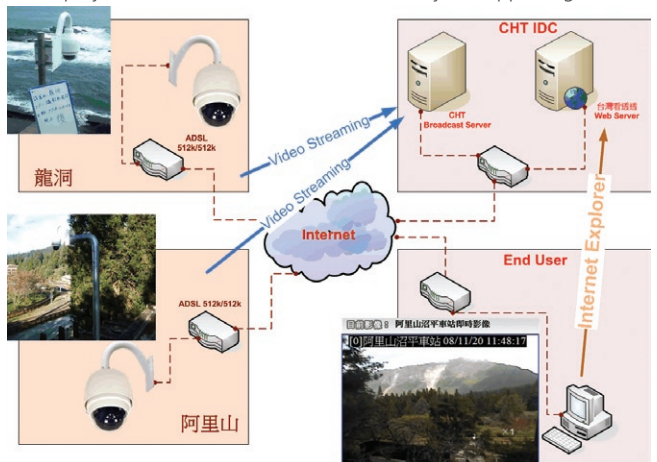
Country: *United Kingdom*
Vertical Market: *Sports & Leisure*
Solution: *IP Surveillance, Wired*
Product: *CAM-7301 IP Fixed Dome*

ACTi Enabled a Quick IP Surveillance System for Kelvingrove Art Gallery and Museum in U.K.

Originating from the Arts Centre, Melbourne, and following its massive success in London and Manchester, Kylie – The Exhibition comes to Glasgow. The exhibition explores Kylie Minogue as a popular icon and international performer. Featuring costumes, accessories, photographs and awards, sound and video, the exhibition looks at Kylie's career and changing image.
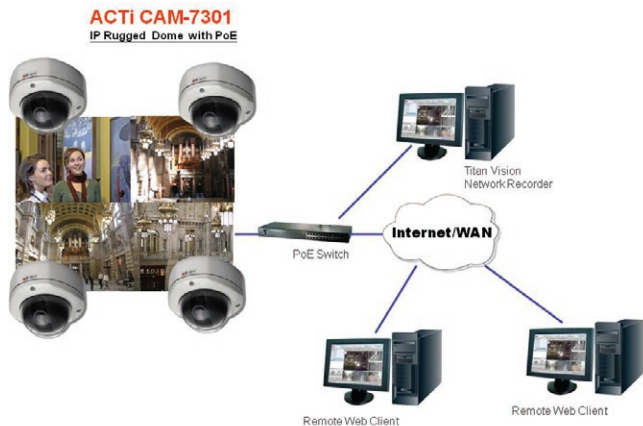
During the preparation of the 4-month long exhibition in Kelvingrove Art Gallery and Museum, the security manager had to arrange a video surveillance system to cover the main areas of the exhibition including entrances and exits. This is to ensure the safety of the objects on display and to monitor numbers of visitors at busy times.

The end user's requirement for this new video surveillance system was a quick, easy installation system with high video quality for real time recordings. In addition, there was a requirement for minimal disruption during the installation process and the specific function of operating the system via network from other locations.

Visual Management System helped the end user to achieve this task. ACTi's IP surveillance solution was chosen because it enabled the most effective and efficient use of the existing infrastructure. CAM-7301P is equipped with PoE which allows data transmission and power support over the same network cable. Without installing additional cables, this can definitely accelerate the overall installation process.

" Quick installation and high quality images at a competitive price are basically what we need. ACTi's cameras simply fulfill all the requirements we demand for." said Tom Gallagher, Security Manager, Glasgow Museums.

ACTi CAM-7301
IP Rugged Dome with PoE

Titan Vision Network Recorder

Internet/WAN

PoE Switch

Remote Web Client

Remote Web Client

ACTi Harbor Surveillance Project in Spain

ACTi has accomplished a successful harbor surveillance project for MB'92 in Port of Barcelona, Spain. MB'92 is the top 3 yacht company in the world, engaging in the yacht refit, repair and maintenance business.

Since the environment is a harbor, it is not easy to install cables under the ground. It has therefore been decided to install Wi-Max system and ACTi outdoor IP cameras for this project. The reason for choosing ACTi products is because of its complete product line, excellent video quality, and the competitive price.

ACTi's Spanish partner, Circontrol and their Wi-Max solution partner, Eurona have chosen CAM-6220, outdoor IP speed PTZ dome, to view the wide range of the port area. ACM-1431, outdoor bullet camera, is chosen due to its good video quality and the all-in-one function. The 2 models both have weatherproof and Day/Night function to work in an outdoor environment and to offer clear video 24 hours a day, 7 days a week. In addition, the IP Box Camera, CAM-5321, is equipped with outdoor housing, and allows customers to enjoy the flexibility of changeable lens.

The whole surveillance system is functioned under LAN network with 12 cameras and Milestone management software. The end user needs 12 hours monitoring and 24 hours recording so the image size and storage size is very important. This is also why the customer chose ACTi. The MPEG-4 compression supported by ACTi's products can offer full D1 resolution, 5 frames per second with only 2.8 G storage size.

Country: Taiwan
Vertical Market: Transportation
Solution: IP Surveillance, Wired
Product: ACD-2200 Video Server + ACTi NVR
Enterprise

ACTi IP surveillance Secured Taipei Metro Water Gate System

Metro Taipei is the most used public traffic system in Taipei. The daily traffic reaches over 120 million passengers. It is significant to every Taipei citizen that the metro system operates smoothly under any weather condition, especially in typhoon season.

Metro Taipei chose ACTi unified IP solution to monitor their water gate system for typhoon flood resistant. With ACTi ACD-2200 video server and ACTi NVR in each metro station; the guard manager can ensure that once the water is over the high water mark; the water gate will be dropped down and heaved after the water is lower than safety water mark via monitor.

Metro Taipei deployed ACD-2200 which equipped with, per channel, two pairs DIDO in both side of the water gate, once the sensor in the water gate was triggered, NVR will pop out D1 30pfs video simultaneously in control room monitor. The guard manager can check if the water gate control system is function properly.

With ACTi each metro station can get good quality video in real time for monitor water gate system. ACTi NVR also supports multi site simultaneous preview and recording. Therefore, central station guard mangers can monitor any station they would like to in real time.

" ACTi IP solution's DIDO function and real time smooth video is the best fulfilled for the water gate control system surveillance requirement. Plus free 16 channels NVR, customer is very satisfied with the reasonable cost and great service." said Allan Chou, ACTi Territory Sales Manager.
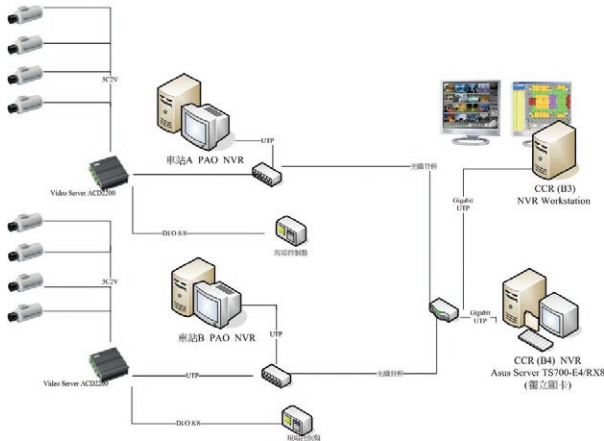
Country: Taiwan
Vertical Market: Transportation
Solution: IP Surveillance, Wired
Product: ACD-2200 Video Server + ACTi NVR Enterprise

ACTi Video Servers Bolstered IP Surveillance for Taichung Harbor

Taichung Port is one of the four international commercial ports in Taiwan and is among the biggest in the country. At present, there are 47 wharfs, 17 specialized zones and 3 free trade zones integrated within the total area. Until now, 45 businesses have made investment in Taichung Port with a total capital of NTD 347.2 billion. (USD 10.3 billion)

For this project, the major concern from Taichung Port was to ensure the security within the entire territory. Since it took 600 meters between each camera, it was highly difficult to transmit videos with coaxial cables and would have resulted in high installation cost.

In order to solve the problem, ACTi's IP surveillance system was adopted. Taichung Port deployed the solution package comprised of 44 analog cameras with 11 ACTi ACD-2200 4-channel video servers. In addition, 3 fiber optical runs were made to allow smooth and fast video transmission.

ACTi provided complete range of video servers which gave Taichung Port Bureau many options. Finally, they chose ACD-2200 and were very satisfied with this model. ACTi ACD-2200 supported four independent audio in addition to good video quality at D1 (720x480) resolution.

As for the software part, Taichung Port Bureau utilized NUUO as the recording software and its ability to connect from remote sites. Additionally they also used ACTi's NVR as the central management software because the eMap function was essential for their SCADA control system.
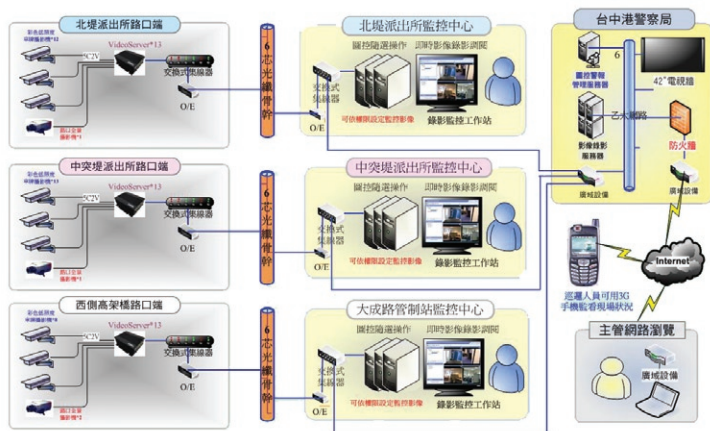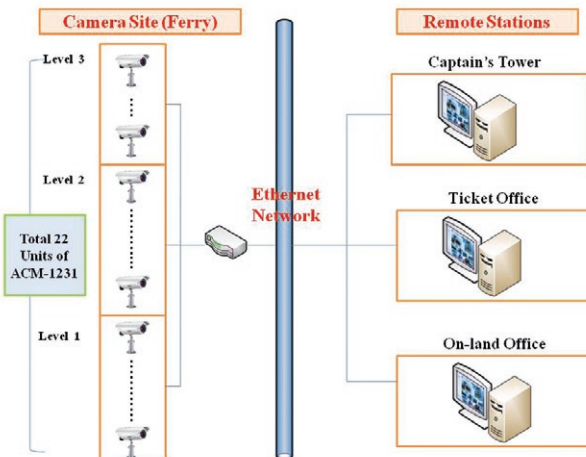
The Bridgeport and Port Jefferson Chose ACTi's Megapixel Cameras

The Bridgeport & Port Jefferson Steamboat Company is a ferry service provider based in Long Island, NY. Located just 50 miles from New York City, Port Jefferson is a maritime transportation HUB connecting Long Island with Bridgeport, CT. Physical security is a paramount concern for a major transportation provider like The Bridgeport & Port Jefferson Steamboat Co. With 3 ferries to secure, and terminals to monitor, a reliable video surveillance solution was required. To meet the highest security standards of the US Government, they chose ACTi to provide the highest quality of network video surveillance solutions.

Each vessel utilizes 22 x ACM1231 Megapixel network video cameras. Cameras surrounding the vehicle deck provide a video log of all cars entering and exiting, while cameras from the passenger decks are monitored to provide physical site security. All video is managed by a Video-Insight Server with two remote clients on each vessel. Additionally, security officers at the terminal and docking facility can remotely monitor real time video via a mobile broadband connection.

The system installation was provided by Emergency Electronic Services, Inc located in Setauket, NY. Hugh Whitsit, CEO, was directly involved in helping choose ACTi as the preferred solution for this important transportation security application. " ACTi's ACM1231 was chosen due to its weather tight enclosure that met our application requirement," said Whitsit. " We like ACTi's Megapixel cameras for their capability to show clearer details when enhancing video" during playback and live viewing of the video, adding' we also like them for the affordability."

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* Due to page limitation, we have only chosen certain successful project references in this booklet. For further details, please contact sales@acti.com.