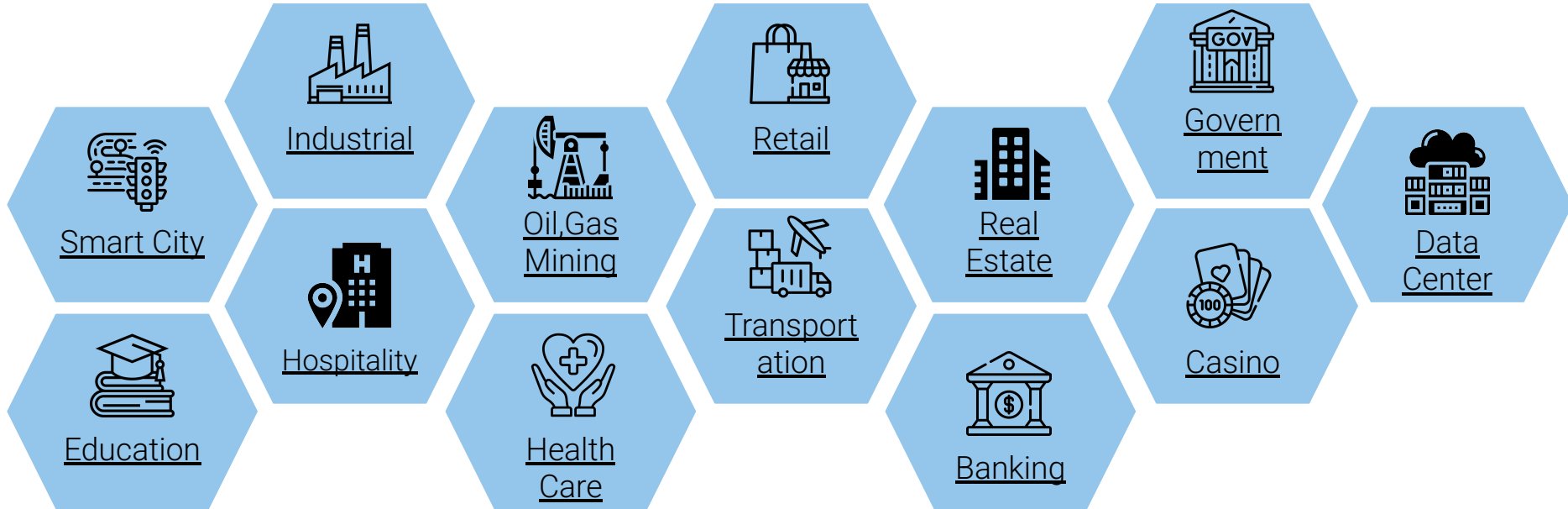




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Smart City

Traffic Safety in Botany Bay



Australia

Number of CH:

Project Requirement:

Bayside Council wanted a VMS and integrated video analytics solution that would address the following key subjects:

- Identify traffic infringements and disruptive behavior as they occur for quick and efficient identification of perpetrators
- Encourage traffic law compliance among residents and visitors of Botany Bay, with a population of about 60,000



Article:

<https://www.networkoptix.com/blog/2021/12/15/case-study-art-of-logic-bayside-council?hsLang=en>

Samui Smart City Command Centre



Thailand

Number of CH: 1,024

Project Requirement:

- A centralized IP based video surveillance platform with the ability to generate automated actions and monitor the full island with a seamlessly integrated video wall.
- Video wall (18 monitors in total) to easily monitor the activities of whole island.
- Search for critical event video based on time, events, or extended metadata (video analytics) in a simple and fast way.



Article:

<https://www.networkoptix.com/blog/2020/10/06/samui-smart-city-command-center?hsLang=en>

Chiang Mai City Surveillance



Thailand

Number of CH: 1,300

Project Requirement:

Given Chiang Mai city is located in mountain area, it is more time consuming for police to travel.

- A centralized VMS to support an extensive video wall displaying the live view of whole city and quick event search to identify critical events.
- Failover function to ensure no single point of failure.



Provincial Police Region 5 -Thailand



Thailand

Number of CH: 226

Project Requirement :

- Aggregate security system of 5 regions to process over 226 streams simultaneously with a large video wall display in high volume/high resolution image loads.
- An intelligent event search to reduce the man powers & increase the efficiency & security level



Article

<https://www.networkoptix.com/blog/2018/09/21/provincial-police-region-5-thailand?hsLang=en>

Irpın City



Ukraine

Number of CH: 400

Project Requirement :

- A highly integrated system that involves various video analytics solutions from a local A.I. company Incoresoft , including facial recognition, ANPR, intrusion detections, and alarm, panic systems.



Video

<https://www.youtube.com/watch?app=desktop&v=mPyIAvLJOFc&feature=youtu.be>

National Highway Monitoring



Republic of Korea

Number of CH: 300

Project Requirement :

- The Ministry of Land, Infrastructure and Transport of South Korea wanted a centralized video management platform to monitor a route of General National Highways.
- Flexibility to integrate with various video analytic applications to monitor the traffic flow and early warning of accident.



Taitung County



Taiwan

Number of CH: 1,200+

Project Requirement :

Phase out existing outdated video system(Milestone) and upgrade the underlying video technologies to accommodate the city's increasing surveillance needs.

- An open VMS that can easily integrate with existing CMS.
- Compatible with briefcam video analytics to provide advanced object classification & identification to increase the accuracy and efficiency for forensic investigation
- Support comprehensive camera brands with scalability & stability.



Article
<https://www.networkoptix.com/blog/2021/12/15/case-study-surveillance-pro/-/taitung-county?hsLang=en>

South Jeolla Province



Republic of Korea

Number of CH: 2,000

Project Requirement :

- A centralized VMS system with easy-to-use interface to monitor and increase the security of city.
- Open platform to facilitate the integration with weather forecast system of a leading News broadcasting company.



Hsinchu Intersection surveillance



Taiwan

Number of CH: 5,000

Project Requirement :

- Upgrade the surveillance system to IP based system with central management and simple interface
- Flexibility to integrate with multiple video analytics systems for traffic analysis, licence plate recognition and with enforcement system.





Industrial

Taiwan's Leading Footwear Company



Taiwan, Vietnam, Cambodia, Indonesia,
Myanmar, Bangladesh

Number of CH: 5,000+

Project Requirement:

- A VMS to run on Ubuntu system with video analytics capability to identify the license plates of motorcycles at entrance & exit and match with employees' IDs to help mitigate traffic while increasing security, efficiency and reducing loss.
- LDAP support for user right management.



Article:

<https://www.networkoptix.com/blog/2021/05/18/big-shoes-to-fill>

Hyundai Steel



South Korea

Number of CH: 398

Project Requirement:

Hyundai Steel is the oldest steel-making company in South Korea and the world's second-largest EAF steel producer after Nucor, U.S.A

- A wide support for various brands of existing cameras and pan-tilt scanner
- Enterprise scalability, video wall, security protection and details audit trail for administrators to manage and monitor user roles & login activities
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover



Formosa Ha Tinh Steel Corp.



Vietnam

Number of CH: 1,000+

Project Requirement:

A subsidiary of the Formosa Plastics Group, a Taiwanese conglomerate.

- Unify with the VMS used by the parent companies in Taiwan
- A VMS to run on Ubuntu system with video analytics capability to increase security, efficiency and reducing loss.
- LDAP support for user right management.



The Shanghai Chemical Plant



China

Number of CH:

Project Requirement:

The chemical plant sought a dependable, easy-to-use VMS with seamlessly integrated video analytics that would address following key subjects:

- Identify safety hazards to minimize reaction time and prevent from damages
- Ensure daily compliance with proper safety measures by a staff of 500 or more workers



Article:

<https://www.networkoptix.com/blog/2021/08/06/case-study-nx-witness-senturian>

Amata B. Grimm Power Plant



Thailand

Number of CH: 40

Project Requirement:

- Ensure safety of both the facility and the people to perform daily operations.
- Optimized video viewing and analysis for Fisheye Dewarping, PTZ Controls and event search for forensic investigation.



Article:

<https://www.networkoptix.com/blog/2018/12/10/amata-b-grimm-power-5-thailand>

Waste Treatment Facility



South Africa

Number of CH: 100

Project Requirement:

- Easy, centralized management and surveillance of facility with flexible grid interface, custom layouts, administration and live viewing features
- Operators can monitor facility and worker safety from anywhere at anytime via Mobile app or web-based client
- Easy integration with 3rd party access control system



Article:

<https://www.networkoptix.com/blog/2018/07/09/a-thermal-retort-technologies>

Logistic Center & Warehouse



Hong Kong

Number of CH: 3,000

Project Requirement:

Top 4 international logistics companies wanted to improve the efficiency of daily operations and secure the parcel handling process.

- Support multi-sensors, fisheye and high resolution cameras with stream optimization.
- Smart event search to quickly find relevant archived footage
- Maximum redundancy and system stability with built-in failover



Logistic Warehouse



France

Number of CH: 94

Project Requirement:

Facilitate the management of pallets & zone control based on the roles to improve the security level and operational efficiency.

- Smart event search & bookmark to quickly trace the parcels, pallets with related video footage.
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover



Far Eastern Polytex Vietnam



Vietnam

Number of CH: 300

Project Requirement:

- Easy, centralized management platform with flexible & custom layouts, administration and live viewing features
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover



Bodynits International



Vietnam

Number of CH: 190

Project Requirement:

- User friendly interface
- Smart event search & bookmark to quickly identify the incidents and related video footage
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover



Sido Muncul - pharmaceutical manufacturing



Indonesia

Number of CH: 1,200+

Project Requirement:

Sido Muncul is Indonesia largest herbal corporation, with more than 4,000 employees and 122 distribution nationwide

- Cross platform support with single & user friendly interface to facilitate the central management
- Server hive architecture with built-in failover function to ensure the stability and high degree of redundancy.
- Integration with access control system - Chiyu to relay with camera for action automation.
- Video wall (21 monitors in total) to easily monitor the whole manufacturing site.



Novo Nordisk Tianjin



China

Number of CH: 1,200

Project Requirement:

Novo Nordisk is a leading global biopharmaceutical company headquartered in Denmark. the Tianjin Production Plant is its largest formulation and filling production site worldwide.

- A reliable VMS to facilitate the daily operation to ensure the safety and security of staffs
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover
- Nx cloud connectivity empowers the users to connect to system easily anytime to monitor and access to the critical footage of incidents.



Uğur Freezer Factory



Turkey

Number of CH: 390(expected to increase 500+)

Project Requirement:

Uğur is a well-established company in the market with freezing and cooling products for commercial and home use.

- Lightweight system and compatible with multiple OS.
- Reliable system that can manage around 400 cameras for live and archived recording.
- Simple and user friendly interface to facilitate the daily operation and monitor the manufacturing site for real time alerts and quick event search.



Micron Technology Taichung Factory



Taiwan

Number of CH: 200

Project Requirement:

An American producer of computer memory and computer data storage in Taiwan aims to improve the security level and efficiency of access control for the vehicle.

- A user friendly VMS to monitor the security of staffs with live view and instant alert of incidents.
- An open platform works seamlessly with Vaxtor LPR solution (up to 30 channels) to control the vehicle entrance to the factory.
- Maximum redundancy and system stability achieved with built-in failover



Taigene Factory



Taiwan

Number of CH: 300

Project Requirement:

Taigene specializes in producing various electronic components and devices for automotive and wants to enhance the security in factory and solve the complexity of access control for both motorcycles & vehicles.

- Easy and centralized surveillance management with custom layouts, live & archive viewing capacity
- VMS with integrated solution (Vaxtor) to identify the license plate number for both motorcycles and vehicles at the entrance.
- Maximum redundancy and system stability achieved with built-in failover



Standard Foods Factory



Taiwan

Number of CH: 300

Project Requirement:

Standard foods is a well-known supplier of nutritional food & cooking oil in Taiwan. They wants to upgrade the surveillance facilities for safety of staffs and access control on the entrance of truck.

- Centralized management and intuitive interface with built-in failover to ensure smooth daily operation.
- An open platform with integrated solution for ALPR (Vaxtor) to easily manage the entrance of trucks
- Smart and quick event search to shorten the investigation time on incident.



Vietnergy



Vietnam

Number of CH: 300

Project Requirement:

Vietnergy is a company specializing in renewable energy solutions and a member of the Kenmec Group - Taiwanese corporation.

- Unify with the VMS used by the parent companies in Taiwan
- A VMS to run on Ubuntu system with video analytics capability to increase security, efficiency and reducing loss.
- LDAP support for user right management.





Oil, Gas & Mining

Modikwa Platinum Mine



South Africa

Number of CH: 80

Project Requirement:

One of the largest platinum reserves in the country wanted to upgrade its system

- A centralized platform to easily manage the site with built-in redundancy, higher reliability, and better connectivity.
- Support 2 way audio, in-camera analytics, custom I/O trigger for an optimal monitor system.



Article:

<https://www.networkoptix.com/blog/2018/07/18/modikwa-platinum-mine>

Currumbin Minerals



Australia

Number of CH:

Project Requirement:

Turnkey solution to minimize the onsite incidents

- Centralized & unified management interface allows operators to remotely view, playback and manage multiple sites and systems at once
- Intelligent event rule configuration with associate metadata, tags empower operators to search incidents related footage with the zone of interest within 3 seconds.



Article :

<https://www.networkoptix.com/blog/2023/06/06/case-study-v-sp-currumbin-minerals>

Nghi Son Refinery & Petrochemical LLC



Vietnam

Number of CH: 293

Project Requirement:

- User friendly interface
- Smart event search & bookmark to quickly identify the incidents and related video footage
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover
- Open platform to integrate with other systems: Alarms, ACS





Retail / Commercial Building

Fair Shopping Mall



Australia

Number of CH: 250+

Project Requirement:

- System operators can easily manage and monitor in-camera analytics, custom camera ID, and archive integrity check across the site for redundancy, reliability, and connectivity.
- Monitor the status and health of cameras to facilitate fast replacement or repairment



Article:

<https://www.networkoptix.com/blog/2019/06/25/australia-fair-shopping-mall>

Luxury Car Dealership



Thailand

Number of CH: 110

Project Requirement:

- Niche Cars Group was looking for an easy-to-use , simple and centralized VMS to monitor showrooms in 2 locations
- Increase the level of security for both high end automobile inventory and VIP customers
- Improve the service quality for VIP customers.



Article:

<https://www.networkoptix.com/blog/2018/10/25/niche-cars-group-supercar-showroom-thailand>

Porsche Sales and Service Center



Taiwan

Number of CH: 90

Project Requirement:

- Integrated with Access Control, License Plate Recognition, and Face Recognition systems into one seamless, simple-to-use interface.
- Increase the security level of luxury cars in showroom
- Better control on the visitor flows and improve the service quality for VIP customers



Article

<https://www.networkoptix.com/blog/2018/10/04/taiwan-porsche-showcase-and-service-center>

Fast Food Chain Stores



Turkey

Number of CH: 6,000 ; 1,072 locations

Project Requirement :

- Fast and easy migration of existing hardware and devices
- A centralized platform to manage cameras across 1,000+ chain stores with simple and intuitive interface.
- Light weighted software to run on a low-powered system with limited network bandwidth environment.
- Maximum redundancy and system stability with built-in failover.



Article
<https://www.networkoptix.com/blog/2018/05/25/case-study-ta-b-foods>

Uniqlo Chain Stores



Hong Kong

Number of CH: 500, 10 stores

Project Requirement :

- Interconnected system of 10 stores for centralized management and user friendly interface allows IT team and staffs to watch live view and search archived video in a simple way.
- Maximum redundancy and system stability with built-in failover.



ABC bakery chain



Vietnam

Number of CH: 200, 40 stores

Project Requirement :

- Interconnected system of 40 stores for centralized management and user friendly interface allows IT team and staffs to watch live view and search archived video in a simple way.
- Maximum redundancy and system stability with built-in failover.



Mydin Hypermarket Retail Chain



Malaysia

Number of CH : 1,048

Project Requirement :

Mydin Mohamed Holdings Berhad (MYDIN) is Malaysia's largest homegrown Halal hypermarket and retail chain with 65 branches in total.

- A centralized management to monitor all branches and aggregate information.
- Support in-camera analytics for intrusion detection and automate the desired action.



New Balance Chain Stores



China

Number of CH: 166, 19 stores

Project Requirement :

- Cloud connection makes systems of 19 stores interconnected easily for centralized management.
- Life-time free upgrade to ensure the latest features available.
- Smart search to quickly find specific events footage, significantly shorten the investigation time



Ripley Shopping Mall



Peru

Number of CH: 400 +

Project Requirement :

Ripley is the Chilean department store and shopping malls management company and has 29 stores, 3 shopping malls in Peru

- Centralized and intuitive interface with built-in failover to ensure smooth daily operation
- Easy to use smart event search to filter and find the most relevant footage within a sec.



Lotte Shopping Plaza Hanoi



Vietnam

Number of CH: 250

Project Requirement :

LOTTE CENTER HANOI is one of the landmark complexes in Hanoi.

- Easy to use and centralized system to monitor multiple buildings.
- Friendly interface, shorten the training time for building security operators.
- Maximum redundancy and system stability with built-in failover.



Duy Anh Fashion and Cosmetic (DAFC)



Vietnam

Number of CH: 500((expected 2,000CH for 400 stores)

Project Requirement :

DAFC is the leading retail specialist for the luxury brands in Vietnam

- Easy to use and a centralized system to monitor multiple buildings.
- Friendly interface, shorten the training time for operators.
- Nx cloud allow to merge all sites into 1 single system to simplify the management





Real Estate

Shanghai IFC Tower



China

Number of CH: 2,000

Project Requirement :

Shanghai International Finance Center wanted to upgrade the surveillance system to address following subjects:

- Fast and easy migration of existing hardware, including DVR, NVR and devices
- Supports large scale of video wall to display multiple live stream simultaneously
- Smart failover to ensure the system reliability



Sun Hung Kai Properties



Hong Kong

Number of CH: 20,000 +

Project Requirement :

Sun Hung Kai Properties is one of largest Hong Kong real estate developer for premium quality residential estates, offices and shopping malls, such IFC Mall, Millennium city etc

- Stable and intuitive interface with built-in failover to ensure smooth daily operation
- Smart search to quickly find specific events footage, significantly shorten the investigation time
- High compatibility with divers camera brands & DVRs.



TTC Group Office



Vietnam

Number of CH: 300

Project Requirement :

- Easy to use interface, and deeper integration with in-camera analytics for more advanced management and event search.
- Maximum redundancy and system stability with built-in failover.



Bogota Chamber of Commerce



Colombia

Number of CH: 650+

Project Requirement :

- A centralized platform that can aggregate all the cameras from 14 different manufacturers in the main commercial headquarters for live view, event management.
- Storage scalability to backup archive for 6 months retention period of 200 most important cameras.
- Live or archived streaming can be easily put on video wall at remote site for monitoring.





Government

Department of Foreign Trade



Thailand

Number of CH: 28 panoramic cameras

Project Requirement :

- Easy migration from existing system to new one with no loss of coverage.
- Ensure security and safety of entire building with an ability to focus on areas where sensitive transactions occur. For instance : an intelligent motion search for swift discovery of critical events.



Weather & Water Monitoring System



Singapore

Number of CH: 900+

Project Requirement :

Public Utility Board Singapore wanted to monitor locations with historical flood records nationwide

- Monitor drainage system with CCTV & water sensors to automate the desired actions when events occurs.
- Optimization on event management and ability to integrate with 3rd party systems - including GIS map and incident management platform.
- Maximum redundancy and system stability with built-in failover.

Interactive PUB drainage map
<https://app.pub.gov.sg/constructionprojects/Pages/InteractiveMap.aspx>



Water Resource Facility Monitoring



Taiwan

Number of CH: 150

Project Requirement :

Water Resource Agency of Taiwan wanted to monitor remote stations where water pumping systems are installed on the mountains. Those stations are far away from cities and has only 4G network

- A centralized system for remote monitoring
- smart event search for incident management and rule engine configuration automatize the desired action when events occurs.



HM Prison Ford



UK

Number of CH:

Project Requirement :

- A centralized system to maintain the safety and security , monitor the activities of individual to prevent & detect crime.
- Simple and fast smart search to find related footage in archives.
- Maximum redundancy and system stability with built-in failover.



HM Prison Elmley



UK

Number of CH: 280

Project Requirement :

- Easy to use and centralized system to detect & prevent specific behaviors and improve safety
- Extended integration with access control system
- Speedy investigation of any combination of motion, events, metadata, date/time, allows operators to search a large amount of archived footage in seconds



Juvenile Detention Center - Brunei



Brunei

Number of CH: 286

Project Requirement :

- Easy to use and centralized system to improve safety of staffs, visitors and prevent abnormal behaviors.
- Maximum redundancy and system stability with built-in failover.



Juvenile Detention Center - Malaysia



Malaysia

Number of CH: 64

Project Requirement :

- Easy to use and centralized system to improve safety of staffs, visitors and prevent abnormal behaviors.
- Maximum redundancy and system stability with built-in failover.



Vietnam Northern Provinces Prisons



Vietnam - Tuyen Quang, Son La, Hoa Binh

Number of CH: 150-200 per site

Project Requirement :

- Intuitive and user friendly VMS interface to facilitate daily operation and increase the safety of staffs and prevent violence/ incidents.
- Smart and quick event search to shorten the investigation time when incidents happen.
- Built-in failover function to ensure the system stability and high degree of redundancy.



Cambodia Ministry of Internal Affairs



Cambodia

Number of CH: 200

Project Requirement :

- A wide support for various brands of existing cameras and pan-tilt scanner
- Maximum redundancy and system stability achieved with Nx Witness' built-in failover
- LDAP support for user right management.





Education

ADNOC Schools



U.A.E

Number of CH: 2,000+

Project requirement:

- Operators needed fast, easy switching between live view, playback, & synchronized playback.
- An intelligent event search and other mechanisms to allow operators to find desired video
- Extend the archive storage to meet requirement of 90 days by using backup features of Nx
- Allows security staff to view a Video Wall of the entire site.

Article:
<https://www.networkoptix.com/blog/2019/02/15/adnoc-school-s-uae>



Cheng-Gong Elementary School



Taiwan

Number of CH: 133

Project requirement:

- Teachers can easily monitor campus and student safety from anywhere, at anytime using mobile devices
- Speedy investigation of any combination of motion, events, metadata, date/time, or device attribute events allows operators to search a large amount of archived footage in seconds



Article:

<https://www.networkoptix.com/blog/2018/08/30/cheng-gong-elementary-school>

Dulwich College SuZhou



China

Number of CH: 1000

Project requirement:

Dulwich College Suzhou is recognised as a leading international school in the city of Suzhou. The majority of students come from international backgrounds at this institution, prioritizing a conducive environment and safety.

- An easy of use VMS for daily operation with intelligent search capacity to quickly get to the critical footage and information.
- Open platform to run on different OS with built-in failover



SSIS - Saigon South International School



Vietnam

Number of CH: 360

Project requirement:

- User friendly VMS to simplify the daily operations.
- The security guards can easily monitor the campus and student safety from anywhere, at anytime using mobile devices
- Integrate with access control devices to facilitate the entry/ exit control of students/ professors / visitors etc



University of Economics Ho Chi Minh City



Vietnam

Number of CH: 65

Project requirement:

- The security guards can easily monitor campus and student safety from anywhere, at anytime using mobile devices
- Speedy investigation of any combination of motion, bookmark, analytics events empowers operators to search a large amount of archived footage in seconds



Ho Chi Minh City University of Education



Vietnam

Number of CH: 40

Project requirement:

- Integrated with FR solution to quickly search who enters the campus gate and some critical areas
- The security guards can easily monitor the campus and student safety from anywhere, at anytime using mobile devices
- Speedy investigation of any combination of motion, bookmark, analytics events empowers operators to search a large amount of archived footage in seconds





Hospitality

Royal Rose Hotel



Abu Dhabi - U.A.E

Number of CH: 378

Project requirement:

- A high performance, user-friendly and centralized management system with flexible grid interface, custom layouts, in order to secure and monitor the facility and visitors.
- A software supports extensive devices and compatible with multiple OS platforms to facilitate the system migration



Article:

<https://www.networkoptix.com/blog/2018/06/06/royal-rose-abu-dhabi-2>

Hilton Capital Grand



Abu Dhabi - U.A.E

Number of CH: 432

Project requirement:

- Quick and easy adoption by staff with simple-to-use interface and customizable layouts
- Constantly tested against security standards to meet regulations and is compliant with ADMCC guidelines
- Maximum redundancy and system stability with built-in failover



Article:

<https://www.networkoptix.com/blog/2018/05/29/case-study-hilton-capital-grand-abu-dhabi>

Millennium Hotel



Qatar

Number of CH: 232

Project requirement:

The 5-star Millennium Hotel Doha is located in the center of Doha city in Qatar

- Compatible with multiple OS with simple and user friendly interface, and to manage the live view and recorded footage.
- Open platform to integrate with 3rd party systems and automate the desired actions when events occurs
- Built-in failover function to ensure the stability and high degree of redundancy.



ANdAZ Hyatt Hotel



Qatar

Number of CH: 540

Project requirement:

ANdAZ Hotel, a brand-new luxury hotel just opened in 2022, located in the center of West Bay, Doha.

- A centralized management platform with customizable layout for monitoring.
- Quick, real-time alerts of critical events, allows for speedy response to incidents.
- Built-in failover function to ensure the stability and high degree of redundancy.



Crossroads Maldives



Maldives

Number of CH: 459

Project requirement:

Improve security, operational efficiency and guest satisfaction

- A user friendly VMS & centralized platform to monitor the whole resort, increase the security for guests & staffs, monitor the occupancy level, guest flow to optimize the resource allocation.
- Intuitive and swift event search and playback features enables security personnel to swiftly retrieve and review specific video footage related to incidents to help the investigation and resolve disputes.



Mesa de Yeguas - Country Club



Colombia

Number of CH: 240+

Project requirement:

Improve security, operational efficiency and guest satisfaction

- A user friendly VMS & centralized platform to monitor the complete recreational area and supports multiple camera brands
- Easy to integrate with 3rd party system, suchas Davantis perimeter protection to enhance the security.





Healthcare

Hochiminh City Children's Hospitals



Vietnam

Number of CH: 450+

Project Requirement :

- Easy to use and centralized system to monitor multiple buildings. camera agnostic fisheye dewarping with different fisheye viewing mode allows operator to monitor operation rooms easily.
- Open platform to work with access control system -Suprema to accurately control the access of sensitive areas, log the events & trigger the desired actions.
- Maximum redundancy and system stability with built-in failover.



NTU Cancer Center



Taiwan

Number of CH: 1,100

Project Requirement :

As the most modern cancer center, it needs a turnkey solution to reduce manpower and make a great performance. After implementing Powered by Nx solution with 3rd party video analytics and access control system(Chiyu), it reduce 30% human resource, 50% time for video searching and 20% for total cost.

- Open platform to facilitate the integration with 3rd party systems - facial recognition, falling detection, emergency call system and fire alarm system
- Simple and easy central management
- Fisheye dewarping



Korea Cancer Center Hospital



South Korea

Number of CH: 508

Project requirement:

Since its founding in 1963, the Korea Cancer Center Hospital has functioned as a cancer-specialized hospital utilizing radiology for cancer diagnosis, treatment and research. As a government funded organization, the Korea Cancer Center Hospital is currently performing various basic and converged research to develop advanced treatment methods.

- Maximum redundancy and system stability with built-in failover.
- Video analytics integration with Securinet AIBox and AI cameras for intrusion detection, facial recognition and fall detection.



Colsubsidio Clinics



Colombia

Number of CH: 700+

Project Requirement :

Colsubsidio is a organization, with the aim of contributing to the well-being and improvement of the living conditions by offering wide range of services, including 7 specialized clinic in the country.

- Centralized platform to monitor nationwide clinics with more than 700+ cameras to increase the efficiency of daily operation.
- Video wall feature to display the live & archived streaming



Clínica Infantil Colsubsidio



**Clínica Colsubsidio
Ciudad Roma**



Clínica Colsubsidio Calle 100



Clínica Oncológica 127



Clínica Colsubsidio 94



**Clínica Oftalmológica
Colsubsidio**



Clínica Colsubsidio Girardot





Transportation / Seaport / Airport

Incheon Airport – Airport Express Line



Republic of Korea

Number of CH: 1,800

Project requirement:

- A centralized platform to supervise the cameras installed in trains and stations for Airport Express Line between Incheon Airport and Seoul Station
- Easy integration with 3rd party system, such as alarm system
- Built-in failover to maintain the constant video recording



The Sillim Light Metro Line (신림선)



Republic of Korea

Number of CH : 489

Project requirement :

A new line of the Seoul Metropolitan Railway that started operation in May, 2022. Total 11 stations, track length: 7.8 km

- A centralized VMS to manage and monitor servers from each station to increase security and improve the reaction time to incidents / events.
- 100 channels of camera images in the train are stored in the control room via LTE-R network
- Built-in failover to ensure no single point of failure and constant video recording



GTX-A Smart Safety Control System



Republic of Korea

Number of CH : 236

Project requirement :

Great Train eXpress is a planned higher-speed commuter rail network in the Seoul Capital Area project consisting of three separate lines - GTX A, B and C, and scheduled for completion in 2025

- An open video management system and the integration with AI image analysis system for GTX-A construction site to increase the safety.
- Real time incident alarm shortens the response time.



Taiwan Smart Railway



Taiwan

Number of CH: 2,500+

Project requirement:

- An open VMS which can work with ioi AI solution from FLIR to detect vehicles and people when the barriers of level crossing lower to prevent accident.



KTX Daejeon Station



Republic of Korea

Number of CH : 200

Project requirement :

The Korea Train Express (KTX) is South Korea's high-speed rail system, and Daejeon Station serves as a major stop on the KTX network.

- A central video management system to monitor the Daejeon station to increase the safety and shorten the response time in case of accidents.
- Video wall feature to display the live & archived streaming
- Maximum redundancy and system stability with built-in failover.



World's Largest Wellboat: Gåsø Høvding



Norway

Project requirement:

The world largest wellboat is equipped with three fish tanks for the storage and transport of live fish.

- Monitor the overall security on wellboat and the underwater view for the status of fishes
- Easy & intuitive interface to manage live view and recorded video ; quick motion search result to identify events

Video

<https://youtu.be/w40snJloTms>

Article

<https://www.fishfarmingexpert.com/article/finishing-touches-being-made-to-biggest-wellboat/>



The Largest Seaport in Cambodia



Cambodia

Number of CH: 132

Project Requirement:

- Automatic synchronization of container information to the port's internal "Terminal Operating System (TOS)"
- Ensure the port containers are sorted based on container ID, next destination port, and transport companies to provide workers with the required paperwork the moment the containers arrived at the port
- Automatically license plates recognition at the port's entrance per the port's online booking service



Article:

<https://www.networkoptix.com/blog/2021/05/11/seaport-automation-intelligent-video>

Kaohsiung International Airport



Taiwan

Number of CH: 2,000+

Project requirement:

Kaohsiung International Airport is the 2nd busiest airport in Taiwan with nearly 7 million passengers per year.

- Simple and responsive interface make daily operation easier
- Fast search result of footage in seconds over large amount of video archives.
- Easy, low latency and better control over PTZ via advanced PTZ function.
- Built-in automatic camera failover ensures video continuity, bringing a new level of stability.
- Open platform with free of charge API & SDK allows easy integration with 3rd party systems, including access control(Chiyu) and AI solution to facilitate the management in sensitive zones and airport apron.



Ho Chi Minh Airport – Tan Son Nhat



Vietnam

Number of CH: 200+

Project requirement:

- Easy to use and centralized system to increase the security level of SASCO duty free shops
- Quick, real-time alerts of critical events, allows for speedy response to incidents



Martinique International Airport



Martinique, France

Number of CH: 50

Project requirement:

- Centralized access to system to increase the security level of boutiques & food stores.
- Simple and quick search of archived video for events



Galapagos Ecological Airport



Galapagos, Ecuador

Number of CH: 120+

Project requirement:

- An intuitive and simple platform to improve the daily operation for live view, archive retrieving, fast search for critical events.
- Wide support of camera brands and can easily be managed and connected remotely for monitoring and configuration.



Sky Airline



Santiago, Chile

Number of CH: 100+

Project requirement:

Sky airline is the 2nd largest airline in the Chile.

- A centralized video management system to aggregate all the videos from different hangars of the airline for live monitoring and real time alerts.
- Smart event search to efficiently find the related footage for event investigation.
- Built-in failover to ensure the constant video recording



Thai Airways



Thailand

Number of CH: 500+

Project requirement:

- Centralized system to monitor VIP room, staff room, Lost & Found, and luggage carousel
- Quick, real-time alerts of critical events, allows for speedy response to incidents



Grand National Transportation Terminal



Panama City, Panama

Number of CH: 160

Project requirement:

- An open platform that can be run smoothly on virtual machines and is camera brand agnostic to support various existing cameras and new added cameras
- Friendly interface for live stream display , quick event searches and real time alerts of critical areas.



Gran Terminal
Nacional de Transporte

High-End Commuter Bus



United States

Number of CH: 800, 100 Bus

Project requirement:

LILEE systems offers fleet solution to transportation company and wants to add VMS into their IOT gateway with rich sensor to provide video data into system and expand it with VA in future.

- To run VMS on a on-board gateway with limited power consumption and allow operator centers to access to the live video all the time.
- Open Rest API calls to integrate with existing fleet management system to retrieve snapshots and video clips.



Seoul Bus Stop-Smart Shelter



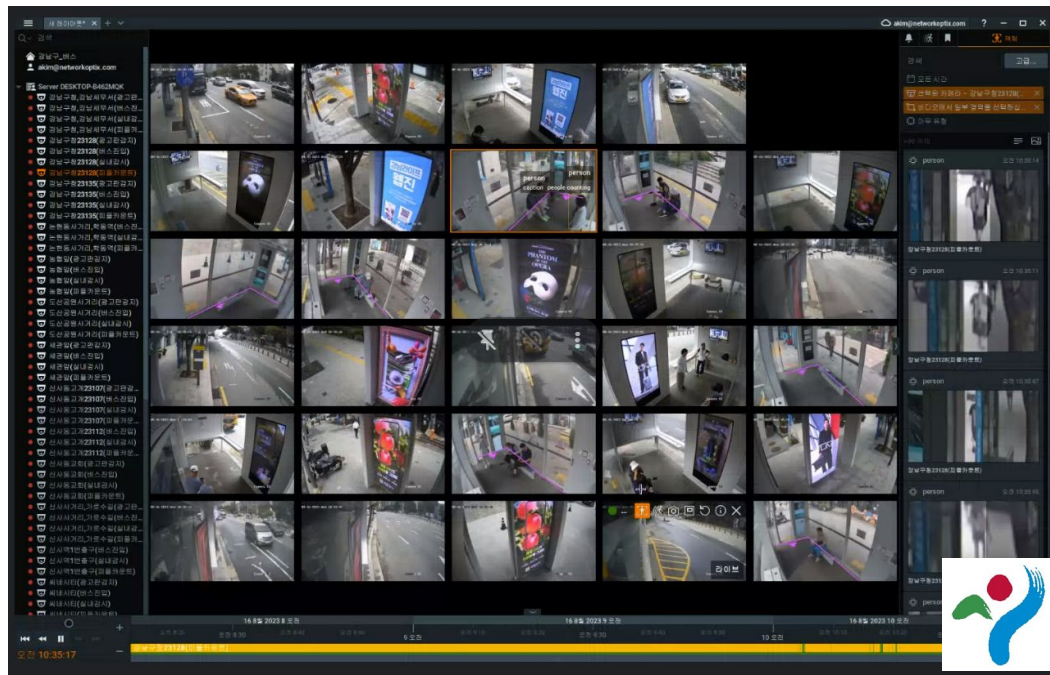
Republic of Korea

Number of CH: 100

Project requirement:

This is a pilot project for the 10 bus stops - smart shelter to introduce the remote control system.

- Centralized management system to get live streaming of bus stops and receive notification in case accidents.
- An open platform to work with 3rd party analytics solution for person detection
- Lightweight VMS that can run on a Jetson Nano device.





Banking



Casino

**Powered
By**



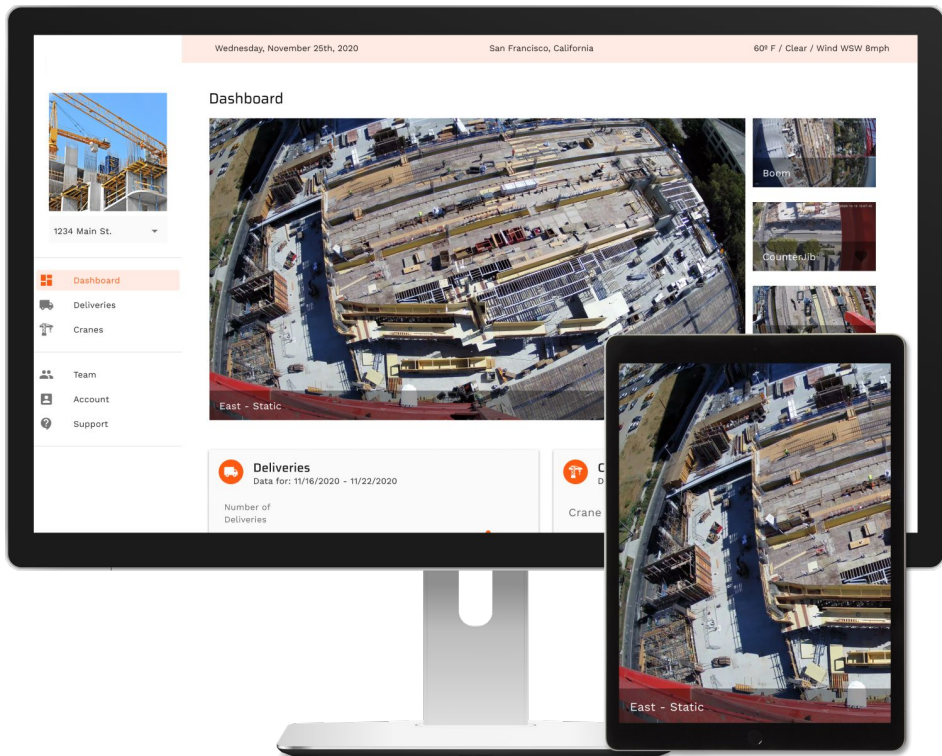
Case Reference



Construction Site Monitoring

United States

- Multi-purpose, advanced analytics
- See, track, and understand your site with advanced analytics
- View real time and recorded video, and site time lapses via desktop and mobile app
- Login to dashboard and view crane utilization metrics, delivery tracking and tools for concrete quality assurance





Retail Analytics

Japan

- Analyzes and displays in-store behavior that could not be visualized until now - store visitor analysis, sales floor flow lines, and product contact status.
- Detects customers in need of customer service / suspicious persons (e.g. shoplifting) in real time.
- Notifies staff in the store
- Leads to sales increase and reduction of unknown loss.

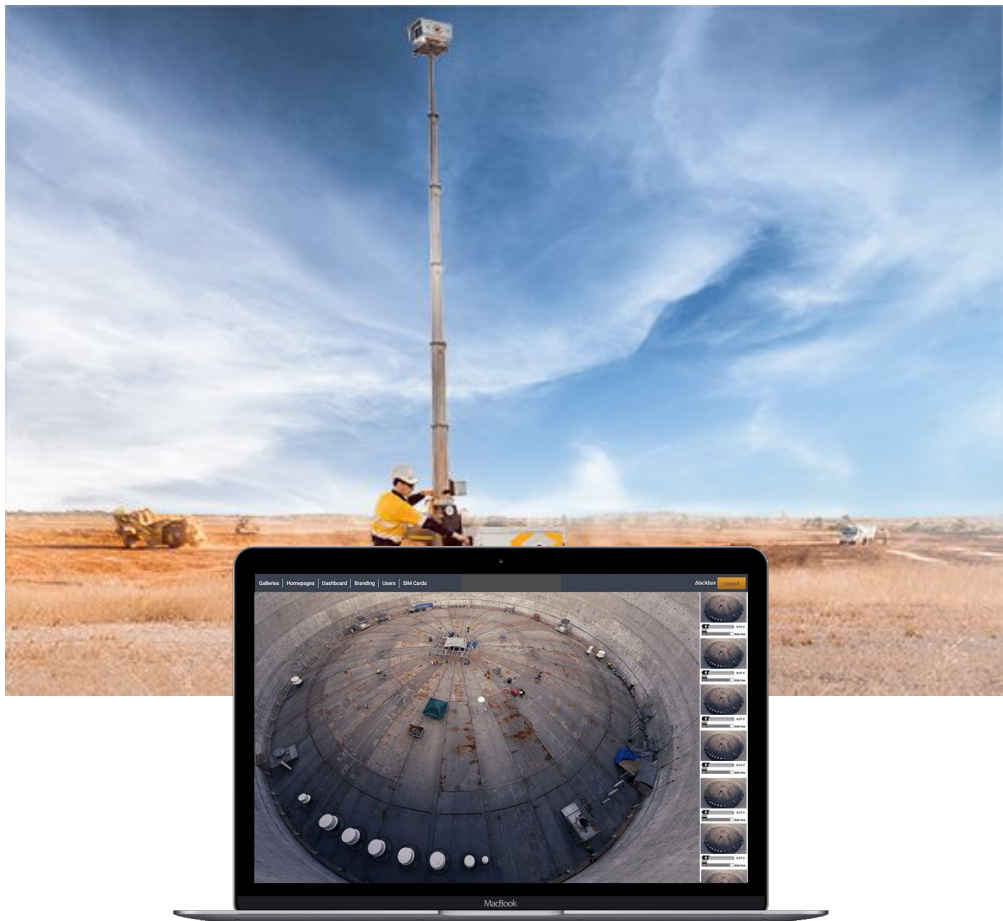




Mining / Construction Tracking

Australia

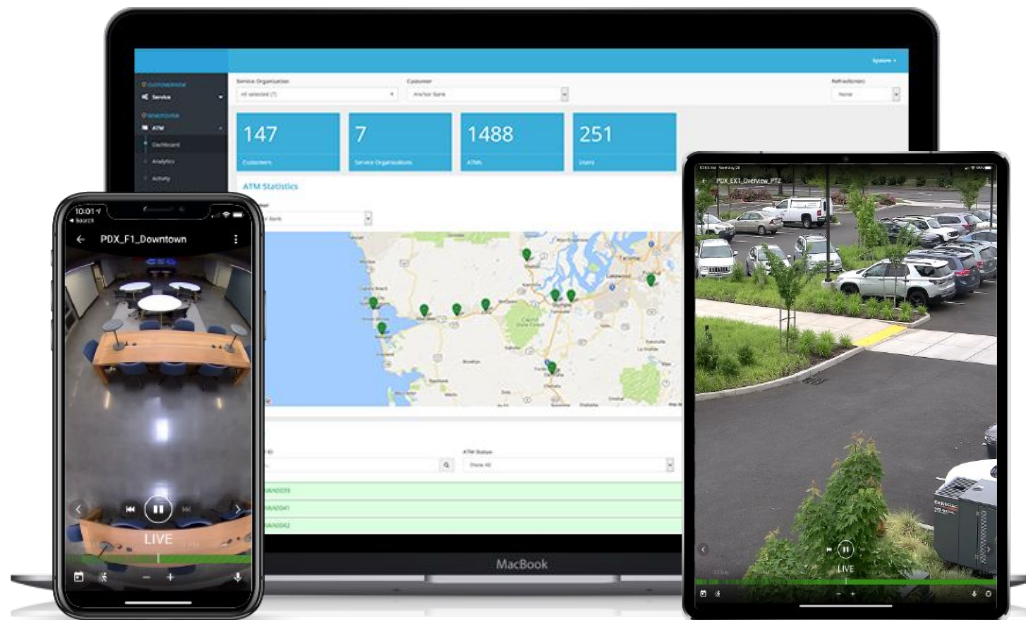
- View progress of a site from anywhere, images are instantly uploaded to your live gallery.
- Generate time lapse videos for stakeholder engagement or reporting, instantly download progress videos from the gallery.
- Instantly go back to any date throughout a project to see what the weather was like on the day - a handy feature perfect for dispute resolutions.





Managed Service - Financial United States

- Remote managed services for Banks, ATMs, Financial institutions and facilities.
- Integrated with customer's cloud command centre.
- 500 Financial Institutions, data/ops centers, and commercial facilities equating to over 20,000 locations.

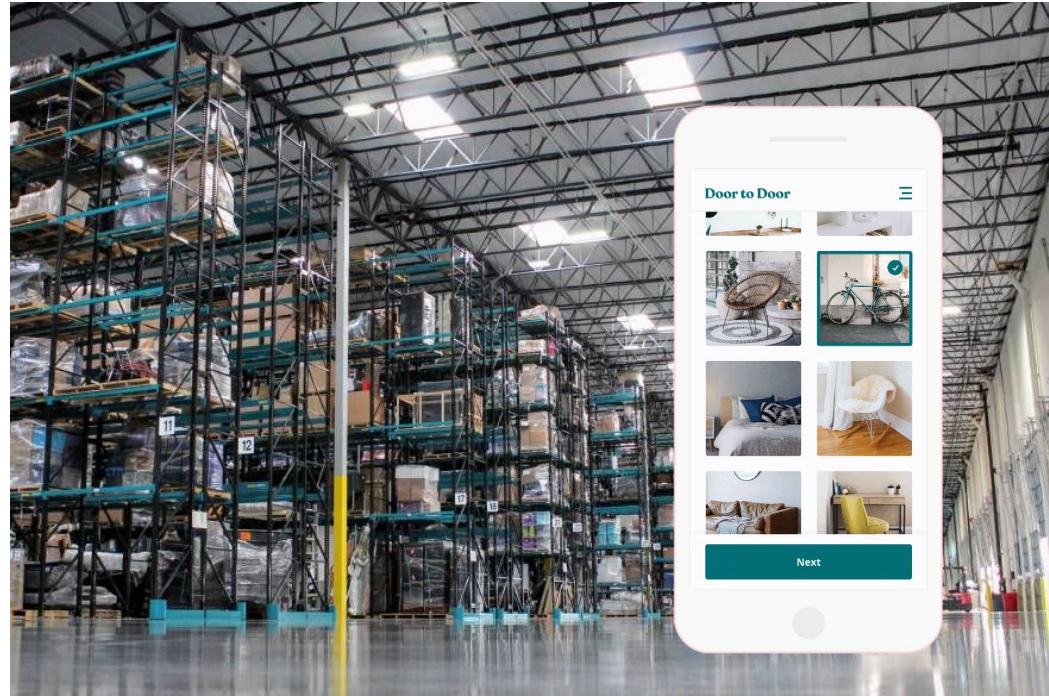




Hassle Free Storage

United States

- A technology-first approach to storage
- State of the art storage facilities keep customer items organized and safe.
- With online photo catalog customers can browse items and choose to get them delivered to our local storage facility or to your home.





Alarm Management for Elderly Care Facilities.

Australia

- A next-gen, decentralized Alarm Receiving Centre (ARC) that lets your team monitor and receive alarms on desktop and mobile.
- Desktop interface for centralized locations, and a mobile interface on the go.

