3xLOGIC

Delivering connected solutions beyond security

3xLOGIC creates innovative, data-driven, security and business intelligence solutions for all.

We integrate Security Systems, Point-of-Sale systems, Alarm Management Platforms and Cloud Based Management Systems to make your security management easier, more efficient, and more powerful than ever offering a fresh perspective and opening up new possibilities.

Our ecosystem of complementary products, including video surveillance systems, access control systems, mobile apps, and software, are deeply integrated to provide an entire security solution - tailored to each business' needs. We can combine data from our own hardware and software, along with video, access control, and disparate data such as ATM, Point-of-Sale, analytics, and more. This seamless integration also provides the detailed insights needed to move the business forward - providing value beyond security, for marketing, operations, the Executive team and more.

WE ARE
A Global
Company

Serving the Americas, UK, Europe,
Asia Pacific, and Beyond

Manufacturing in USA, Exeter UK, and Budapest

With over 2m cameras deployed
worldwide and ½ Million doors
protected

VISIX™
Cameras

Cloud &
On Prem

VIGIL™
Video Solutions

VIGIL CLOUD™

Recording
Appliances

Data

3xLOGIC

INFINIAS™
Access Control

TRENDS™
Business Intelligence

Beyond Security

Software

VIGIL™

3xLOGIC

INFINIAS™

TRENDS™

3xLOGIC Ecosystem

3xLOGIC is an ecosystem of cutting-edge, data-driven security and business intelligence solutions that works for any business. From one premises stores, to global operations with thousands of locations.

Unleash Business Potential

Our security systems work in the cloud, or with on-premises platforms, for easier, more efficient, and more powerful security management. But they deliver something extra – information and insights that empower organizations to unleash their business potential - delivering empowering insights for those who make the world dynamic.
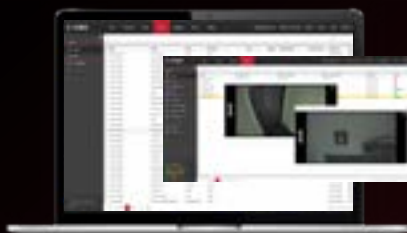
Watch

▶ unleash your business potential

Our Ecosystem's Three Key Elements

3×LOGIC
VIGIL

VIGIL
A data-driven edge and cloud-enabled video management solution

3×LOGIC
INFINIAS CLOUD

infinias
An edge based, fully integrated, scalable Access Control system

*Coming Soon to UK & EMEA Regions

3×LOGIC
TRENDS

TRENDS
Cloud-enabled business intelligence software, that combines financial, video, and other third-party data in one place.

*Coming Soon to UK & EMEA Regions

What makes 3xLOGIC different?

The short answer is cutting edge data analytics, seamless connectivity, and wider-reaching versatility. Each solution can be deployed on its own and integrated easily into an existing security platform, but can also be taken in combination in one seamless ecosystem. Each element of **3xLOGIC** has multiple options that can be configured for any size business in any sector and adjusted to each business's specific needs.

| TRULY INTEGRATED | DATA DRIVEN | EASE OF USE | EASE OF INSTALLATION | FOCUSED INSIGHTS |

What makes our solutions special?

VIGIL

Our VIGIL video management solutions are easy to deploy and fit into existing security infrastructures.

The VIGIL difference is advanced data analytics, units can connect to the cloud for advanced analytics - on their own or combining with other data sources. But for organizations that want a closed system, it also has proprietary on-camera analytic capabilities - a unique proposition in the market.

This means businesses can remotely receive notifications of alarms, trigger a relay, and both talk and listen to their site from anywhere in the world.

infinias

Alongside VIGIL, infinias provides cost-effective access control solutions that are easy to manage, simple to install, and scale with changing needs. infinias is highly versatile and highly scalable, from a single site installation to international operations.

This means it's cost-effective too, with a range of software options, it can be cloud enabled or internal server-based - whatever the business needs.

*Coming Soon to UK & EMEA Regions

TRENDS

TRENDS is our Business Intelligence solution that works not only with VIGIL and infinias, but all types of security installations - bringing everything together in one place.

It offers data and insight that no other platform can, handling multiple data sources and delivering information on store comparisons, sales conversions, weather, and analytics such as dwell time data and traffic counting.

And everything can be viewed and compared from any device anywhere, any time.

*Coming Soon to UK & EMEA Regions

3xLOGIC do with data?

Our solutions are data-driven and are designed to deliver the data needed for advanced analytics and ultimately, better Business Intelligence. From video data, to point of sale and on–premises access points, the data gathered gives a more comprehensive and useful view of the business.

ANALYTICS TO OUTCOMES

INNOVATION TO INSIGHTS

INTELLIGENCE TO ACTION

What type of company is 3xLOGIC designed for?

Versatility and scalability are at the heart of our solutions. From a single premises location to a global operation with thousands of locations, our products are designed to work on their own, connect to each other, or fit seamlessly within existing platforms and infrastructures. It's easy to connect them to the cloud, internal servers, or both. Businesses can build a solution according to their individual needs.

Across Majority of Verticals

3xLOGIC's superior video solutions, access control and analytics business tools can provide you affordable security products to fit your needs, at any size of operation and in any vertical.

Some of The Verticals We Work In

- » Retail
- » Government
- » Healthcare
- » Infrastructure
- » Banking
- » Commercial
- » Education

What's the value of a 3xLOGIC Solution to your Business?

»   Solution is an asset to business operations

»   Increase profit

»   Streamline efficiency

»   Enhance operational intelligence

»   Reliable solution

»   Low total cost of ownership inc. no recurring license fees

»   Solutions for security and beyond

Delivering connected solutions beyond security

VIGIL CLOUD™

3xLOGIC

VIDEO SOLUTIONS

VIGIL CLOUD

VIGIL CLOUD extends the award-winning VIGIL Video Management System into the cloud with enhancements designed to harness the power, scalability, and ease of use that are the hallmarks of cloud services. Building on our 20+ years of experience in recording and managing video, VIGIL CLOUD brings a new paradigm to physical security through a powerful Case Management system that empowers users to share critical information and insights easily and quickly with team members and other stakeholders. Leveraging cloud technology's low cost of deployment, VIGIL CLOUD delivers the holistic view of your security system you've been looking for.
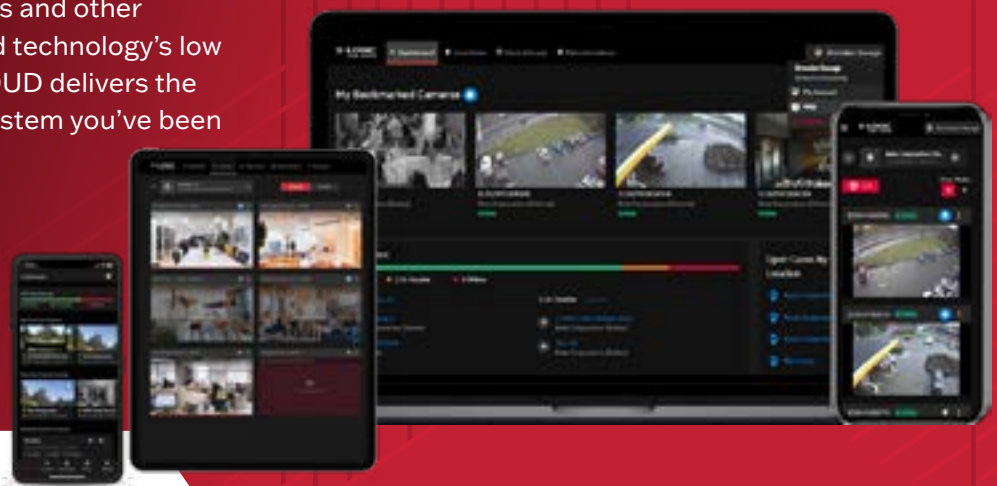
Quality Live and Event-Based Recorded Video

Detailed, clear multi-camera views identify suspicious activity and prevent shrinkage through high-resolution footage directly on the VIGIL CLOUD Web Viewer.

Efficient Case Management

Tired of saving video clips to a desktop folder to review later? Too time-consuming to organize video clips and notes needed to share with other parties? **VIGIL™** CLOUD's Case management is a simple, elegant way to select, store, and annotate a single clip or a combination of clips to be easily shared and stored for your immediate or historical needs.

Easy Set-Up & Usability

VIGIL CLOUD is easily managed when changing permissions or adding/removing users. Constant upgrades and updates ensure the user has the latest, most powerful features.

Use Cases

» Multi-tenant buildings
» Single or multiple store locations
» Healthcare — Medical Centers (Surgical Centers, Urgent Care, Dental Offices, Outpatient Centers, Elder Care Facilities)
» K-12 Schools, Preschools, Daycares, Community Colleges — Larger facilities where there are blind spots
» Storage Facilities

For More Information: **3xLOGIC** VIGIL CLOUD www.3xlogic.com/products/vigil-cloud
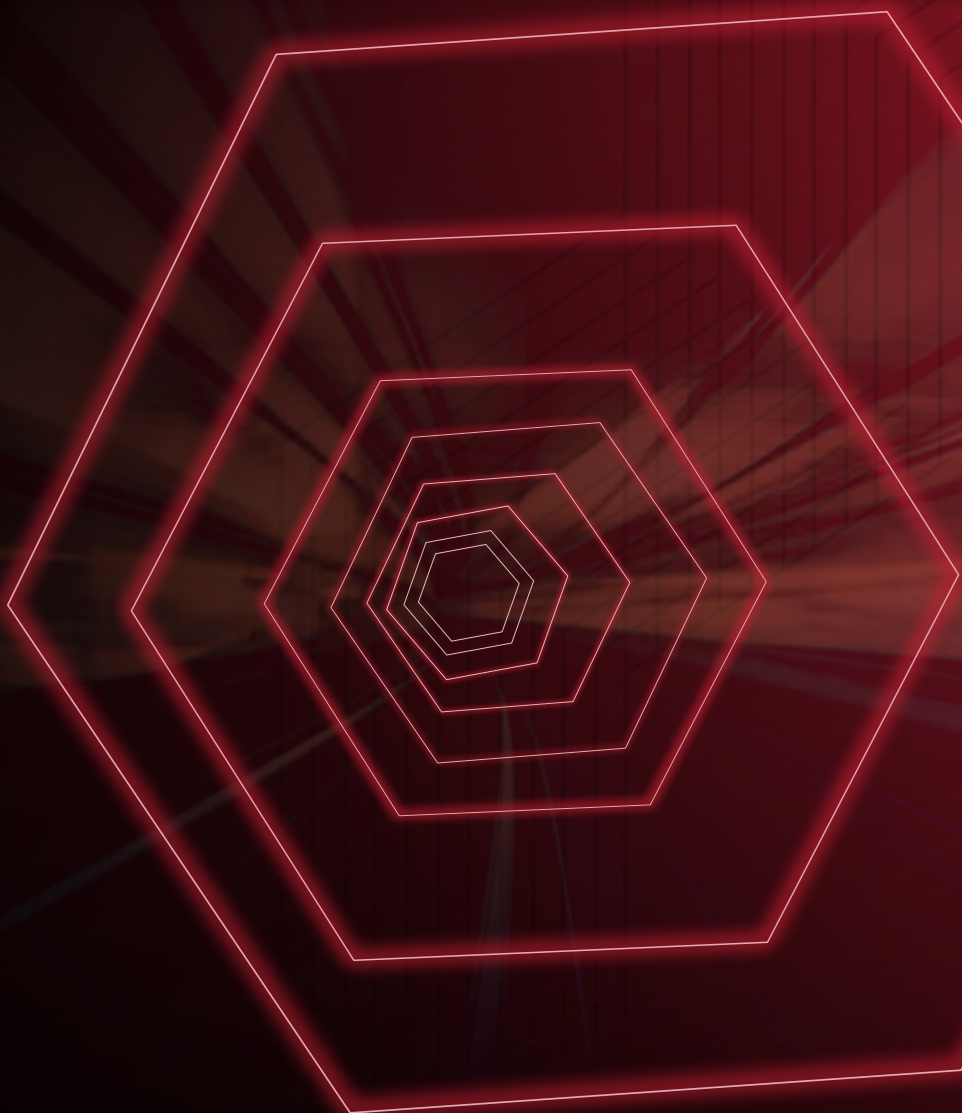
Future-Proof Your Solution

YESTERDAY

Video solutions require on-premise servers, recorders, and software to manage cameras and video.

Sharing business critical video content quickly and securely can be difficult.

Software updates require coordination between several teams.

TODAY

Connected cameras require a smaller IT footprint.

All VIGIL CLOUD cameras store video locally and offer optional cloud backup of motion events.

Software updates are deployed seamlessly. Video content is shared safely and securely to authorized users.

Watch

▶ **3xLOGIC** discover VIGIL CLOUD

A SIMPLE SOLUTION TO VIDEO SURVEILLANCE AND MANAGEMENT

Features:

» Easy to install, use and manage cameras via cloud or 3xLOGIC server if required

» Quality live and event-based recording, playback and download

» Supports all mobile and desktop browsers inc. notifications over SMS, email and web push

» On camera storage can be increased easily with a range of cloud backup options available

» Efficient case library, management and share functions for centralized collaboration

» Comprehensive account management

» Customer First privacy controls

» Mobile app and 3xLOGIC NVR plugin

» VIGIL Cloud End User courses

VIGIL CLOUD Works With:

» High quality cameras

» Local and cloud recording

CLOUD-CAPABLE VISIX CAMERAS

We have an array of NDAA compliant cameras to meet the needs of different organizations.

With our seamless integration, you can have different **3xLOGIC** cloud capable cameras installed across a site and have them work harmoniously together, giving you the performance and clarity needed to remain on top of all happenings.

Features and Benefits

- » High quality images and materials
- » Flexible cloud storage options
- » Direct connection for easy video backup
- » Remotely accessible
- » Firmware updates scheduled and delivered
- » Reliable local storage

Indoor / Outdoor Vandal Proof Mini-dome
VX-5M28-MD-IAW-C128/256
VX-5M4-MD-IAW-C128/256

Outdoor Mini Bullet
VX-5M4-MB-IW-C128/256

Indoor / Outdoor Dome with Remote Focus
VX-5M-OD-RIAW-C128/256

Outdoor Bullet with Remote Focus
VX-5M-B-RIAW-C128/256
VX-5M20-B-RIAW-C128/256

LPC Camera
VISIX VX-5M20-B-RIAL-S128, S256, S128, S1TB

Smart Search

VIGIL CLOUD™ SmartSearch functionality lets you identify and review events of interest quickly and easily – resulting in more accurate and efficient investigations.

Video review can often be a long and tedious task, SmartSearch eliminates the need to review hours of recorded video. Motion footage within a particular region of the scene is displayed along the timeline, streamlining the review process and providing easily accessible results.

VIGIL CLOUD SmartSearch provides seamless functionality between **3xLOGIC** VIGIL server and client-based solutions and our exciting Cloud offering. SmartSearch allows you to quickly filter or narrow down your footage search results to areas of interest within a playback field-of view.

How does it work?

Simply select the region or regions of interest and select "Apply Filter" search. Footage of any motion detected within the region(s) is displayed along the playback timeline for easy review. If you don't find the results you need, you can refine your regions and search again. Motion sensitivity can also be adjusted higher or lower to further refine your results. From your search results, you can capture video clips and/or still images to save into a new or existing case.

Benefits:

» More efficient video footage searches.

» Quickly navigate through large amounts of video.

» Narrow down search results to areas of interest.

» Now available in VIGIL CLOUD mobile app.

Mobile App

Although traditional laptops are more lightweight and portable than ever, they're not always convenient for quickly looking at live video or following along on a case. The VIGIL CLOUD™ Mobile App provides convenience for those who want to complete critical tasks within VIGIL CLOUD quickly.

The mobile application is intended to make tasks like viewing video/playback, case management, and viewing and reacting to notifications available through common gestures and movements users already know and use in other mobile applications.

The VIGIL CLOUD native Mobile App provides easy access to the VIGIL CLOUD application for users who are away from their computer, offering the ability to view live cameras, play back footage, comment on cases, and react to notifications from their existing iOS and Android smartphones.

How does it work?

Users simply need an existing VIGIL CLOUD account with at least one camera connected. Once they have created a username and password, they can download the application from the appropriate mobile app store.
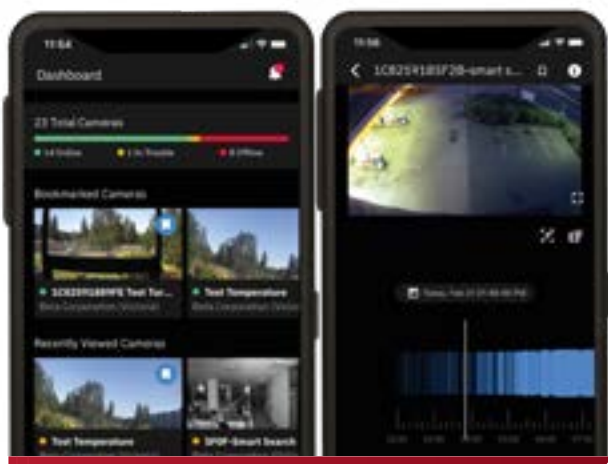
Benefits:

» Users can access VIGIL CLOUD while away from their laptop or desktop.

» Quickly and easily navigate through the VIGIL CLOUD application's most important features.

» Remotely manage permissions and users from your mobile device.

» Access to all your video and case management data is available anytime, anywhere, from any device.

» VIGIL NVR Plug-In - Extend the capabilities of the solution with other manufacturers' cameras.

» Parity with web application.

» Bring on-prem server redundancy.

VIGIL CLOUD ENHANCEMENTS

3xLOGIC's VIGIL CLOUD solution has been enhanced to include additional features and functionality, which provide huge benefits to both dealers and end users. Improved dealer functionality means more opportunities for dealers to generate increased ROI and RMR, installation is now quicker and easier, and the remote management is more efficient than ever. The user now has more control, they have the choice to select 5MP @resolution and up to 365 days retention option per camera. The Case Management feature is now available on the easy-to-use mobile app allowing the flexibility for the user to be in control anywhere and anytime.

5MP Resolution Support

When onboarding a camera, dealers can now offer their customers 5MP resolution support to its retention options, this is in addition to the 2MP support already available. Other benefits of the 5MP resolution support include:

» Customer can change between 2MP and 5MP resolution when required

» VIGIL CLOUD cameras provide full MP support with the purchase of the camera

» Enhanced VIGIL CLOUD NVR Plugin Capability - Users can stream to VIGIL CLOUD for retention while at the same time maintaining visibility on the NVR with no configuration changes

» 5MP support customers will now have 25GB of case management storage available per camera (2MP support provides 10GB storage per camera)

180/365 Day Retention Options

Additional retention options for 2MP and 5MP resolutions are now available for VIGIL CLOUD. Dealers will now have optional 180 or 365 day retention options per camera.

As always, dealers can mix/match retention options based on the critical needs of the customers.

Case Management on Mobile App

VIGIL CLOUD's best in class video collaboration functionality - Case Management feature has been extended from its web application to our easy-to-use mobile app.

Customers can utilize case management features including:

» Build cases in the cloud with video clips and screenshots from one or more cameras

» Share cases with team members for review, comment, and resolution

» Easily download clips and still shots

» Find cases by resolution status, location or incident type
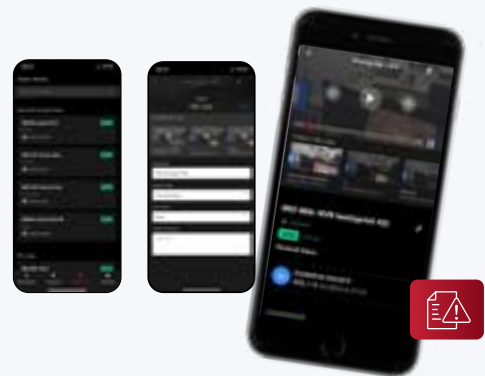
Dealer Functionality on Mobile App

VIGIL CLOUD is re-defining the way dealers onboard customers and cameras with the introduction of dealer functionality in our VIGIL CLOUD web app, this provides some great benefits:

» Increased ROI and RMR (Recurring Monthly Revenue)

» Easily onboard cameras by using QR scans, greatly improving installation time and setup

» Remote Maintenance

» Manage all customers and locations easily using our intuitive CLOUD workflow

» Identify customers and cameras that need attention

Are You Ready For The Future?

Leveraging Video As The Verifier

» Cloud hosted video powered by Amazon Web Services

» Creating Efficiencies

» Searching and creating cases directly in the dashboard, saving time, money, and resources

» Anytime, Anywhere, Any Device

» Easy to use video management platform

» Using data to become predictive and prescriptive

Case Studies – VIGIL CLOUD

VIGIL CLOUD extends the award-winning VIGIL Video Management System into the cloud with enhancements designed to harness the power, scalability, and ease of use that are the hallmarks of cloud services.

See the entire case study library HERE

Chariot Automotive Solution: VIGIL CLOUD / Cameras / VMS

Vertical: Retail

Chariot Automotive Group sells new and pre-owned vehicles at five locations in north-central Indiana. They also provide quality parts and exceptional customer service.
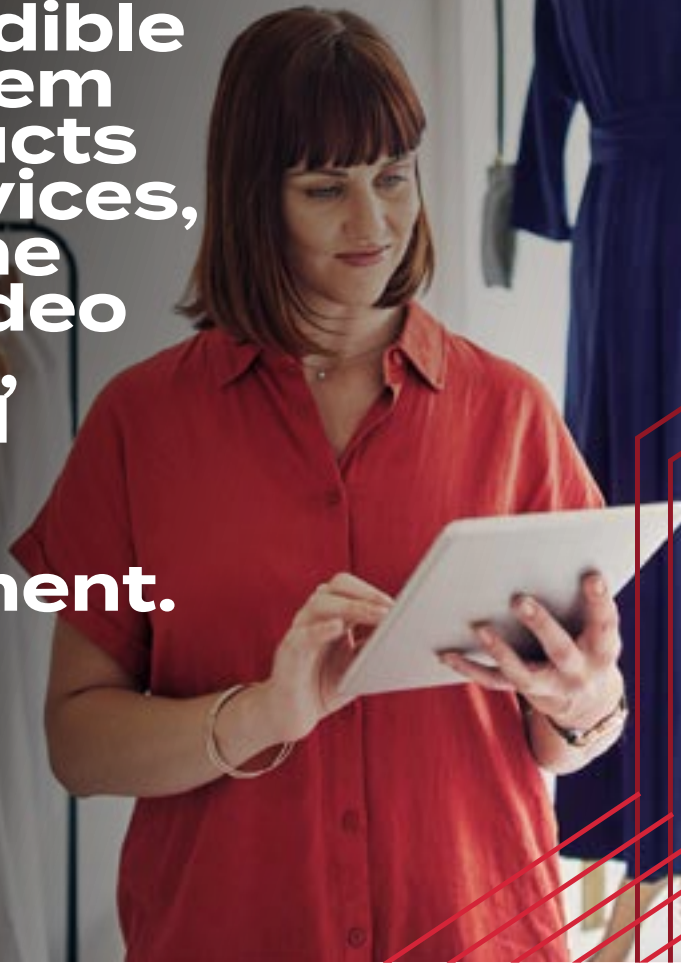
VIGIL™
3xLOGIC

VIDEO
SOLUTIONS

3xLOGIC offers an incredible ecosystem of products and services, called the VIGIL Video solution, that add value to any deployment.

Our product line includes cameras, VIGIL™ software, advanced image devices, recording appliances, mobile apps, accessories, and mounts.

With this, you can build a wide array of different hardware and software set-ups to suit every site and team requirement.

Cameras

3xLOGIC NDAA compliant cameras come in all shapes and styles to meet the needs of different organizations and sectors. From indoor to outdoor and hybrid models, and bullet and dome cameras, there is a range that'll suit you. Plus, with our seamless integration and support from our VMS, Client and Server, you can install different cameras across a site and have them work harmoniously together. Giving you the performance and clarity needed to remain on top of all happenings, along with some of the best pricing on the market.

Cameras

Our VISIX Gen III range includes dome and bullet models that are suitable for use indoors and outdoors, with vandal-proof protection to give extra peace-of-mind.

accessories

Our cameras are complemented with a range of indoor and outdoor mounts and accessories, to help you fix equipment securely to any surface, from ceilings to corners.

| DOWNLOAD: | VISIX Camera and Mount comparison Matrix |

All-In-One Functionality

The All-in-One Series of cameras have VIGIL Server and storage onboard, enabling them to function as a standalone recording device. These can also be used in conjunction with a VIGIL DVR for redundant storage capability. As a standalone camera, they are compatible with the entire VIGIL Software Suite, including direct access through VIGIL Client and our mobile app View Lite II, as well as with VIGIL Central Management for remote health monitoring and notification.

What problem are we trying to solve?

As dealers and customers look for more ways to balance and optimize video delivery and video verification, the need for camera-based edge storage and remote accessibility has increased. The VISIX All-in-One feature for select Gen III cameras address these needs with an affordable, redundant, edge-based solution.

» Ease of installation and configuration with the VISIX Setup App (iOS/Android)

» Camera health monitoring through VCM

» Live and recorded footage viewing with VIGIL

» Client, View Lite II, just like an on-premises server.

» Redundant solution for critical installations and for backing up on-premises servers to preserve footage in the event of an outage.

How does it work?

Select VISIX cameras with the all-in-one functionality connect to secure VIGIL Connect servers providing a direct connection from the camera to the user to view through the VIGIL Client, View Lite II, and VCM health monitoring. Select alarm monitoring stations can also utilize this direct connection to video for verification as well (contact your alarm monitoring vendor for compatibility). Cameras can also be connected to on-premises servers, providing redundant video backup.

Who can benefit from all-in-one functionality?

Any customer that needs remote connectivity and footage retrieval with or without a server. Customers wishing to install single cameras in remote locations without the cost of an on premises server.

Customers with small camera counts (1-8) per location including those who have multiple locations. Customers who do not have the support staff to maintain on-site servers and infrastructure. VIGIL All-In-One eliminates the worries of antivirus updates, additional software updates and other maintenance needed to support on-site servers. Customers who want complete scalability and reliability of a 1x infrastructure.

Key features

» Solid state components. No mechanical drives as a failure point.

» Easy installation, setup and health monitoring through VISIX Setup App, VCM

» Remote access to live and recorded video through VIGIL Client, View Lite II App (iOS/Android)

» Edge based video storage options 128GB, 256GB, 512GB and 1TB.

» Video Verification capabilities (contact your alarm monitoring vendor for availability)

» AudioTalk Functionality (w/selected audio capable cameras)

» 4 Year Warranty on Cameras

Use cases

» Small / Medium business

» Healthcare

» Warehouse and Distribution

» K-12 Education / Schools

Cameras with All-In-One Functionality

VISIX 5MP, Fixed 2.8mm Lens, Indoor/Outdoor Vandal Proof Mini-dome
VX-5M28-MD-IAW

VISIX 5MP, Fixed 4mm Lens, Indoor/Outdoor Vandal Proof Mini-dome with IR
VX-5M4-MD-IAW

VISIX 5MP, Fixed 4mm Lens Outdoor Mini Bullet
VX-5M4-MB-IW

VISIX 5MP Indoor/Outdoor Dome with Remote Focus (2.7-13.5mm)
VX-5M-OD-RIAW

VISIX 5MP Outdoor Bullet with Remote Focus (2.7-13.5mm)
VX-5M-B-RIAW

VISIX 5MP Outdoor Bullet with Remote Focus (6-50mm)
VX-5M20-B-RIAW

Serverless Camera Bundle

Introducing a new paradigm to our ecosystem designed around the powerful VIGIL VMS, the storage, software, and intelligence are onboard the cameras, negating the need for any servers or maintenance.

What Problem Are we trying to solve?

Small to medium businesses, schools and other organizations often don't have the support staff to maintain on-site servers and infrastructure. Get all the benefits of a fully baked video management solution without the headache of maintenance. Software is automatically updated on the cameras, saving you time, and having no server means you save precious space.

We recognize the world is moving away from on-premises servers and into the cloud, we offer an interim step with these serverless cameras that put you into a 'per camera' world. This provides you with the flexibility to transition to our cloud solutions later if required.

The Benefits of Having No Server

» Remote connectivity and footage retrieval.

» Scale by one camera at a time or by thousands, without the need for a server.

» Less infrastructure and no maintenance required.

» Deploy your solution in minutes with our easy to set up app.

» Fully featured solution which works the same with all VIGIL software.

» A next generation replacement to the Small Business Kit with a simple to install and easy to maintain camera bundle.

» A server can be added later if you need it, which makes it more cost effective for you.

Key features

» Solid state components. No mechanical drives as a failure point.

» Easy and quick installation, setup and health monitoring through VISIX Setup App, VCM

» Remote access to live and recorded video through VIGIL Client, View Lite II App (iOS/ Android)

» Edge based video storage options

» 128GB SD Card (approx. 30 days of
  » storage at 1080p @40% motion)
  » 256GB SD Card (approx. 60 days of storage at 1080p @40% motion)

» Video Verification capabilities (contact your alarm monitoring vendor for availability)

» 4 year Warranty on cameras

Use cases

• Small / Medium business

• Healthcare

• Warehouse and Distribution

• K-12 Education / Schools

Cameras with All-In-One Functionality

VISIX 5MP, Fixed 2.8mm Lens, Indoor/Outdoor Vandal Proof Mini-dome
BNDL-VX-5M28-MD-IAW-S128-4 / S256 -4

Available in 128 / 256GB SD Storage

VISIX 5MP, Fixed 4mm Lens Outdoor Mini Bullet
BNDL-VX-5M4-MB-IW-S128-4 / 256 – 4

Available in 128 / 256GB SD Storage

CUBE Camera

Our 2MP cube style camera goes far beyond being an IP video camera. A truly capable solution featuring built-in Passive Infrared (PIR) sensors, 2-way audio, digital I/O, and WiFi allow the Multi-Sensor to be a feature-rich IP camera, alarm annunciator and audio system all in one small unit.

Features & Benefits

» Combine PIR and pixel-based motion detection to decrease false motion alarms.

» All In One solution with optional edge recording

» Base Analytics

» High quality video capture, 1920 x 1080 @ 30FPS, 110° Angle of View

» Two-Way Audio Capable

» 4-Year Warranty

Edge-based devices are becoming a leading trend in video surveillance.

An all-in-one, standalone multi-sensor provides a host of benefits including video verification, remote accessibility, high image quality, digital zooming, easy integration, scalability, flexibility, and cost-effectiveness.

Use Cases

» Residential

» SMB

» Construction

» Temporary buildings.

Advanced Analytics

Advanced Analytics is available to build upon the already included base analytics on many cameras and imagers.

Over the next few pages, we take a deeper dive into the power of Advanced Analytics and what this means for the security of your business and beyond.

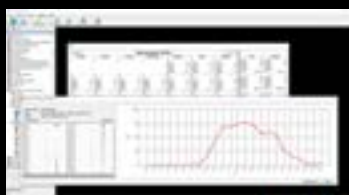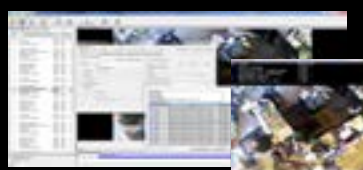## Available Advanced Analytics include:
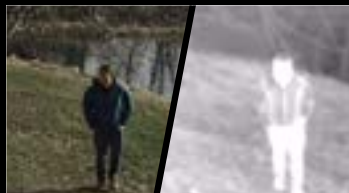
Thermal Imager

License Plate Capture with ANPR Utility

Heatmap

People counting and Dwell Time Reports

Point of Sale

Smart Search

Thermal Imager

While thermal imaging has been around for years, the technology has become an integral component of effective 24x7 detection and identification.

In the past, traditional security solutions relied on motion detectors, beam detectors, and other protection equipment to detect an intruder in an area that was restricted. But these existing technologies were flawed in their ability to provide detailed information to law enforcement. Thermal imaging provides not only detects an intruder, but also identifies what they're doing and what direction they are travelling in. This information is vital to law enforcement while drastically decreases false alarms when a call to a location is a confirmed intrusion.

The VX-VT-56 was designed for detection and identification. This imager uses Thermal imaging combined with our standard analytic suite to alert you when it matters. With a sensor resolution of 9 FPS (320x240), 56-degree FoV, and temperature detection range of -40C to 330C, this new thermal camera can provide superior detection. The VX-VT-56 is perfect for surveillance and detection applications with insufficient lighting or areas where smoke, fog, or dust are an issue.

What problem are we trying to solve?

The most common use for thermal imaging cameras is determining whether someone is in a restricted area and if so, what they are doing. A standard IP camera lacks the capability to detect a person from a long distance, in low light, or in inclement weather. Thermal imaging technology provides accurate detection and identification regardless of light or weather, allowing you to alert law enforcement as quickly as possible in virtually any situation.

In addition to identification, our thermal camera can be used to monitor generators, electrical panels, and other equipment to proactively notify customers of a potential overheating or runaway condition. This provides an effective means of managing, preserving, and protecting valuable assets.

How does it work?

High-contrast thermal imaging is capable of "seeing" in smoke, fog, snow, and other adverse conditions. Combined with built-in analytics, the VX-VT-56 not only provides optimal detection of people, events, temperature changes, and more, but delivers alarm verification, intrusion detection, a dramatic reduction in false alarms, and protection of valuable assets.

Use Cases

» Protection of assets
» Increased safety
» Protection of critical infrastructure

Who can benefit from thermal imaging?

» Potential use cases run the full spectrum of small, medium, large businesses, including:
» Scrap yards
» Car dealerships
» Any business that manages a large indoor/outdoor area
» Businesses with critical equipment

Key Features

» Scan and Setup QR Code - Fast, easy install and setup
» Superior thermal resolution - 9 FPS (320x240) Low Profile Bullet Design - Rugged and lightweight
» Optional Embedded VIGIL Server Software – Standalone edge-based recording
» Advanced Analytics included with purchase - Object detection, detecting an objects behavior and speed filters

READ CASE STUDY: Hyatt Guns Case Study

License Plate Capture with ANPR Utility

License Plate Capture has become commonplace in the industry, and the ability to view an image that is optimal for recognition is critical.

The simple solution to License Plate Identification

To truly leverage the incredible value of this camera, owners must take full advantage of its license plate capture capability, which can capture plates from 60 feet at speeds up to 50 MPH. This feature is compatible with the **3xLOGIC** VIGIL ANPR (LPC) utility for capturing and identifying license plates, which can be added to "hot" lists configured in the utility.

In turn, plates on these lists can be quickly identified and when captured by a camera, they can be configured to trigger an alarm in VIGIL Server or action an output, such as providing vehicle gate access. Combined with the VIGIL ANPR utility, the VX-5M20-B-RIAL and its visible light-filtering, specialized-for-plate-capture accuracy, offers your clients, customers and employees another layer of protection in traditionally low-security environments such as parking lots and garages.

What problem are we trying to solve?

» There is a need for a cost-effective application where post-event investigations require precise imaging to identify license plates.

» Plate capture accuracy in low-security and low-light environments such as parking lots and garages.

» There is a need for a tool in enforcing access permissions and/or identifying high-risk vehicles.

How does LPC work?

With a 6-50mm vari-focal lense and firmware dedicated to license plate imaging, the VX-5M20-B-RIAL provides 5MP resolution at 30FPS. The camera also delivers continuous IR at 850nm, and has an IR distance of 80 feet, allowing it to capture characteristics of license plates even in extreme low-light visibility. At 50 MPH, the camera delivers license plate images up to 60 feet. A filter applied to the lens blocks visible light and allows IR light band to pass through to provide extreme accuracy.

ANPR Utility Key Features

»   VIGIL Integration - Full integration with the VIGIL Video Management Suite (VMS) including mobile app.

»   License Plate Hot Lists - Compile lists of known license plates numbers. The utility can be configured to perform an action when one of these plates is captured, such as trigger an alarm or permit automatic access.

»   Auto List Import - Automatically import license plate hot lists from a custom destination.

»   Import/Export Utility Settings, License Plate Hot Lists - Fully supported.

»   Export XML data to Custom External Destination - Plate data can be exported to a custom external destination for review.

»   Built-in Search Functionality via VIGIL Server Integration - Quickly search and locate plates of interest.

»   Multiple VIGIL Server Support - Capture plate data from several cameras across multiple VIGIL Servers.

»   **ANPR is only available in the UK and specific European regions. Please speak to a 3xLOGIC representative for further information.**

LPC Key features

»   View license plates accurately, post-event, or with the ANPR Utility.

»   Appropriate for any business that needs review or manage access to facilities.

»   Seamless integration with VIGIL Video Management Suite (VMS) including mobile app.

»   5MP Resolution, 30FPS.

»   Captures characteristics of license plates in extreme low-light visibility.

»   License plate imaging from up to 60' at 50mph.

Who can benefit from LPC with ANPR Utility?

»   Gas stations, multi-tenant residential communities, car dealerships and rental yards.

»   Any customer who is confronted with the often expensive choice of selecting a license plate camera solution that is paired with an ANPR application.

Use cases

»   Protection of assets

»   Increased Safety

»   Traffic enforcement

»   Vehicle Access Control

»   Post-event investigations

VIGIL Heatmap

VIGIL Heatmap is perfect for many customer facing businesses including fitness centers. Understand your customers behaviors in your establishment and unlock your business's full potential. **3xLOGIC**'s VIGIL heat map solution can help you track the customer flow within your business.

Consider a fitness establishment, VIGIL's heat map function is constantly auditing your customer flow and can tell you what equipment is heavily utilized or underutilized, over a pre-defined duration. This allows you to make educated decisions of what equipment to have within your gym and based on your customers habits. This further supports membership retention and enhances their experience.

Use Cases

» Small / Medium Businesses

» Retail

» Quick Service Restaurants

» Fitness Centre

People Counting and Dwell Time Reports

People Counting and Dwell Time analytics is ideal for retail and Quick Service Restaurants (QSR). The combination of **3xLOGIC**'s camera analytics and reporting function, gives customers the ability to gain greater insights into their establishments.

Track metrics such as:

» People counting – understand the peak times and build your sales strategies to compliment the time of day customers visit your establishments.

» Dwell time – understand the areas of a store, where you get greater sales engagement.

» Time in queue – avoid those customer drop offs and secure those sales, alert your staff in real-time.

» Service time – ensure your staff are providing service with optimum efficiency.

Use Cases

» Small / Medium Businesses

» Retail

» Quick Service Restaurants

» Fitness Centre

» Warehouse and Distribution

VIGIL Point-of-Sale

Employee theft is one of the single largest causes of shrinkage in retail environments today. Millions of pounds disappear from Point-of-Sale (POS) terminals in retail stores on a daily basis due to fraudulent or criminal employee activities. Therefore, the ability to effectively detect and deter cashier-related shrinkage is a top priority for retailers worldwide.

VIGIL Point-of-Sale enables you to run queries on your POS transactions based on date, time, camera, transaction type, value, item code, cashier, or receipt number and view results along with video of those transactions for a complete overview of a situation. It can issue real-time alerts based on predefined rules when events and actions fall outside of these parameters. This transforms your security operations from a reactive to proactive resource.

The powerful solution allows the users such as Loss Prevention Teams to track metrics defined by them. This could be to reduce shrink, identify employees that require extra training, or praise and reward staff for their hard work.

Use Cases

» Small / Medium Businesses

» Retail

» Quick Service Restaurants

Smart Search

Eliminating the need to review hours of recorded video.

VIGIL Smart Search functionality lets you identify and review events of interest quickly and easily, resulting in more accurate and efficient investigations.

Video review can often be a long and tedious task, Smart Search eliminates the need to review hours of recorded video. Motion footage within a particular region of the scene is displayed along the timeline, streamlining the review process, and providing easily accessible results.

How does it work?

Simply select the region or regions of interest and select the magnifying glass icon to search. Footage of any motion detected within the region(s) is displayed along the playback timeline for easy review. If you don't find the results you need, you can refine your regions and search again. Motion sensitivity can also be adjusted higher or lower to further refine your results. From your search results, you can capture video clips and/or still images.

Smart Search Benefits

» Quickly navigate through large amounts of video.
» Narrow down search results to areas of interest.
» Enables more efficient video footage searches.

Use Cases

» Small / Medium Businesses
» Retail
» Quick Service Restaurants
» Fitness Centre
» Warehouse and Distribution
» Car Dealerships
» Parking Lot / Car Park
» Perimeter Protection

Recording Appliances

All **3xLOGIC** recording appliances come with full access with full to the VIGIL Software Suite. With VIGIL Server at the core and cloud-based VIGIL Connect Relay Server, video can be accessed easily from anywhere without advanced network configuration.

Available appliances include:
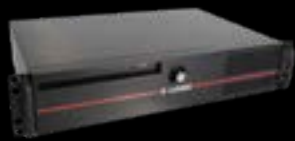
VIGIL 2U Series Hybrid NVR Solution

VIGIL Small Form Factor Recorder

V5300, V7300 Series Hybrid Solution

VIGIL 2U Series Hybrid NVR Solution

With customer needs for higher camera counts, resolution, and business-centric needs rapidly increasing, the VIGIL™ 2U Series solutions are our fully-integrated intelligent video appliance range.

Grow with Your Customer

3xLOGIC's exclusive Flex-Channel™ licenses provide unrivaled deployment flexibility, supporting up to 64 channels. Flex-Channel™ licenses are able to be used as either analog, HD analog, or IP camera licenses without any hassle. As analog cameras fail or a customer chooses to upgrade to high resolution IP cameras, simply unplug the analog camera to free up the license and add in the new IP camera without changing any registration or adding cost to get a new license.

Your Video – Anytime, Anywhere

VIGIL's exclusive AZTECH video compression codec and revolutionary RapidStream™ technology enable users to remotely stream live and playback video with minimal impact on network bandwidth resources.

Enterprise Functionality

All **3xLOGIC** recording appliances come with full access with full to the VIGIL Software Suite. With VIGIL Server at the core and cloud-based VIGIL Connect Relay Server, video can be accessed easily from anywhere without advanced network configuration.

Full Integration

Offering full integration with a wide variety of disparate operational systems including Point-of-Sale, ATM, access control, alarms, and audio devices the VIGIL™ Hybrid Servers provide both audio and video verification of the events generated at your sites. With this robust reporting and automated notification, events of interest are rapidly delivered to the appropriate personnel resulting in savings of time and money. The value received from increased operational efficiencies can also assist in improving business loss prevention initiatives

Additional Features

These VIGIL™ Hybrid Servers feature many built-in capabilities. With two-way audio, easy-to-use Smart Search, and edge-based video analytic reporting (including People Counting, Tripwire, and Loitering Alarms) you have the information you need, at your fingertips, available anywhere and at any time. You can also increase your systems capabilities at any time by simply upgrading your licensing software.

2U chassis can be used in rack-mount or desktop and they have a front USB port for easy event export.

Fore More Information: https://www.3xlogic.com/products/vigil-2u-series-hybrid-nvr

VIGIL NVR-2U-96CH Recorder Series

Pre-configured with VIGIL Server Video Management System (VMS) software, the NVR-2U-96CH series appliances have the ability to scale to meet tomorrow's demands

What problem are we trying to solve with this product?

Businesses are looking for recording appliances that are a cost-effective, have an enterprise-grade video management platform that is not only easy to deploy, but also easy to expand - the VIGIL NVR-2U-96CH Recorder Series provides this. Flexible by design, users get the system that addresses their current needs with the ability to scale to meet tomorrow's demands.

Who has this problem?

Dealers who need enterprise grade servers for high count camera deployments requiring all IP or a combination of IP, Analog, or HD analog cameras.

Why should Dealers want to sell a solution with this product?

With this solution you get increased camera counts with fewer servers, and better processing for higher camera counts. It also provides the ability to scale solutions or add to systems at a later date.

Grow with Your Customer

3xLOGIC's exclusive Flex-Channel™ licenses provide unrivaled deployment flexibility. Flex-Channel™ licenses are able to be used as either analog, HD analog, or IP camera licenses without any hassle. As analog cameras fail or a customer chooses to upgrade to high resolution IP cameras, simply unplug the analog camera to free up the license and add in the new IP camera without changing any registration or adding cost to get a new license.

Your Video, Anytime, Anywhere

VIGIL's exclusive AZTECH video compression codec and revolutionary RapidStream™ technology enable users to remotely stream live and playback video with minimal impact on network bandwidth resources. RapidStream can be used through the powerful VIGIL Client or through any of the **3xLOGIC** mobile apps to give you your video anytime, anywhere.

Delivering connected solutions beyond security

Enterprise Functionality

Get full access to the VIGIL Software Suite. With VIGIL Server at the core and cloud-based VIGIL Connect Relay Server, video can be accessed easily from anywhere without advanced network configuration. VIGIL Client offers many advanced search features like motion-based Smart Search and time-lapsing thumbnail search, making investigations quicker and easier. Additional packages can be unlocked for advanced features like data integrations, video wall support, and centralized management and health monitoring.

RAID 5/6 Storage Support

With RAID, enjoy the peace-of-mind associated with knowing your data is safe in the event of a drive failure. The VIGIL NVR-2U-96CH series supports RAID 5 and 6 storage, opening users to the fault tolerance, security and accessibility benefits of data stored using RAID 5 or RAID 6 drive configurations.

Use Cases

»   Retail & Leisure
»   Small / Medium Business
»   Warehouse and Distribution
»   Education

Key Features

»   Highly Efficient
»   Versatile and compact 2U chassis
»   Can be used in rack-mount or desktop configurations
»   Pre-configured with 3XLOGIC's VIGIL VMS software

»   Dedicated 256GB SSD Operating System Drive
»   Supports 8 removable drive bays- up to 144TB of storage
»   Dual RJ45 10/100/1000 Mbps NICs for easy network and IP camera deployment
»   Supports HD analog recording up to 30 FPS per camera at 4CIF (704 x 480) with max analog resolution of 1080p (HD)
»   Performance - Intel 10th Gen Xeon Architecture
»   RS-232 serial port for external communications
»   Front USB 3.0 port for easy event export
»   Microsoft Windows 10 Enterprise LTSC 2021 OS
»   24 IP or 32 Hybrid Flex-Channel licenses(IP, Analog or HD Analog) included with every model

Specs

»   Intel Gen 10, Xeon 1270E, 6 Core, 12 Thread Processor
»   8 Removable HDD Bays
»   16GB RAM Standard
»   256GB SSD
»   Windows 10 Enterprise LTSC 2021
»   Up to 96 IP Channels Available, Standard (64 w/32 Hybrid)
»   Up to 96TB storage
»   480MP Max Support
»   See above breakouts
»   Available in RAID configurations (RAID 5/ RAID 6)

VIGIL Small Form Factor Recorder

VIGIL™ Network Video Recorders (NVRs) are the centerpiece of your security solution. Pre-configured with VIGIL Server Video Management System (VMS) software, this recording appliance is a cost-effective video management platform that is easy to deploy with its small form factor desktop chassis.

Your Video, Anytime, Anywhere

VIGIL's exclusive AZTECH video compression codec and revolutionary RapidStream™ technology enable users to remotely stream live and playback video with minimal impact on network bandwidth resources. RapidStream can be used through the powerful VIGIL Client or through any of the **3xLOGIC** mobile apps to give you your video anytime, anywhere.

Enterprise Functionality

All **3xLOGIC** recording appliances come with full access with full to the VIGIL Software Suite. With VIGIL Server at the core and cloud-based VIGIL Connect Relay Server, video can be accessed easily from any-where without advanced network configuration. VIGIL Client offers many advanced search features like motion-based Smart Search and time-lapsing thumb-nail search, making investigations quicker and easier. Additional packages can be unlocked for advanced features like data integrations, video wall support, and centralized management and health monitoring.

Key Points:

» Highly efficient

» Versatile, compact small-form desktop chassis

» Configured with 3XLOGIC's VIGIL VMS software

» Dual RJ45 10/100/1000 Mbps NICs for easy network and IP camera deployment

» Performance - Intel 10th Gen i3 Architecture

» RS-232 serial port for external communications

» Microsoft Windows Embedded 10 Standard OS

Fore More Information: www.3xlogic.com/products/vigil-small-form-factor-recorder

V5300, V7300 Series Hybrid Solution

VIGIL™ V5300 and V7300-Series of Hybrid Servers are fully-integrated intelligent video appliances. Pre-configured with VIGIL VMS software, these high-performance servers represent a cost-effective video management platform that provides ease of deployment and scalability.

Fully-Integrated Intelligent Video Appliances

3xLOGIC's exclusive Flex-Channel™ configuration provides unrivaled deployment flexibility, supporting up to 32 channels of standard analog, HD analog and/or IP video in a single box. Flex-Channel™ allows you to switch out analog channels to IP at any time without additional licensing fees for the ultimate in flexibility.

Offering full integration with a wide variety of sources including Point-of-Sale, ATM, access control, alarms, and audio devices, VIGIL™ 5300/7300-Series NVRs provide both audio and video verification of the events with robust reporting and automated notifications.

Pre-configured with VMS software, V-Series High-Performance NVRs represent a cost-effective solution that provides ease of deployment and scalability.

With two-way audio, easy-to-use Smart Search, and edge-based video analytic reporting you have the information you need, at your fingertips.

Features and Benefits

VIGIL™ V5300 and V7300-Series NVRs feature many built-in capabilities. With two-way audio, easy-to-use Smart Search, and edge-based video analytic reporting (including People Counting, Tripwire, and Loitering Alarms) you have the information you need, at your fingertips.

- » 3U chassis - can be used as a rack-mount or desktop
- » Dedicated 128GB SSD for optimal performance
- » VIGIL™ V-Series supports up to 120TB of removeable storage
- » Supports up to 64 channels of IP and/or up to 32 channels of analog devices
- » USB ports for easy event export

Fore More Information:　www.3xlogic.com/products/v5300-v7300-series-hybrid-solution

VIGIL Software and Apps

3xLOGIC offers several VIGIL software and mobile applications to add further value to your deployments.

Available Software and Apps include:

VMS and Server

VIGIL 12.0

VIGIL Central Management

VIGIL Client

VIGIL Software Development Kit

Mobile App View Lite II

Mobile App VISIX V-Series Setup App

VMS and Server

The VIGIL Video Management System (VMS) is the driving force behind the VIGIL suite of products. Providing advanced features for large deployment projects, remote connectivity without advanced networking configuration, and easy set-up for inexperienced users.

At the heart of the VIGIL Suite is the VIGIL Server that can be tailored to individual projects. Designed with ease-of-installation in mind, this deploys multiple tools such as the Easy Setup Wizard and VIGIL Connect (our proprietary DDNS).

It is provided as part of VIGIL version 12.0 As a Service - which makes it easier for users to access VIGIL Server Advanced Settings through a simple Server icon in their system tray.

VIGIL 12.0

VIGIL Server software is the core 64-bit service all other **3xLOGIC** applications are built upon. With our Easy Setup Wizard to guide you through installation, you will be up and running in minutes.

Features and Benefits

» Provides high resolution over low bandwidth networks.

» Compatible with all ONVIF Profile S cameras, inc. the latest VISIX Gen III cameras and with over 150 Point-of-Sale integrations.

» VIGIL Client gives you unrivaled access to live and recorded video from any of your networked VIGIL Server NVRs.

» Advanced playback and intelligent SmartSearch™ functionality

» Seamless infinias Access Control integration

» Additional software packages available, inc. POS, Video Analytics Reporting, and VCM for centralized health monitoring and management.

» Free mobile app available for Android and iOS devices
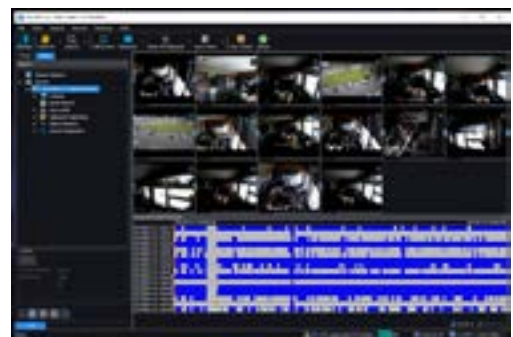
VIGIL Central Management (VCM)
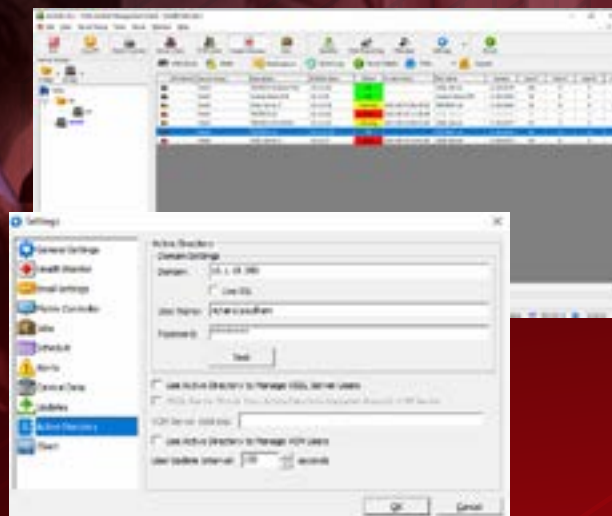
VIGIL Central Management (VCM) is a scalable network monitoring utility designed to meet the stringent requirements of both multi-site, enterprise-class networks, as well as smaller business environments with simplified network architecture (and all networks in-between).

With VCM, you gain the tools you need to effectively manage multiple VIGIL Servers and V-Series cameras that are connected over IP (Internet Protocol) networks. You can monitor and report on the health of each VIGIL Server remotely, to understand what cameras are online, their recording status, disk usage and any other useful insights. This enables your team to proactively carry-out maintenance on equipment or report on Server and camera health concerns, to reduce unnecessary and unplanned downtime. VCM can additionally trigger a warning when the expected number of cameras have stopped recording for a predefined amount of minutes, allowing a team to investigate the cause.

When hardware updates are due, these can be performed remotely via the onboard software - to an agreed schedule - which leads to operational efficiency for our VARs and no disruption to customers. Similarly, if admin changes are required because a user leaves the organization, their access authorization can be removed from the system remotely – and quickly.

VIGIL server settings can also be uploaded or downloaded remotely. So, in the event that the previously installed VIGIL server fails, rather than sending an expensive commissioning engineer to the end user's site to reprogram a replacement server, this work can be carried out by an apprentice. The end user's server settings can be quickly downloaded from VCM onto the replacement which drastically reduces system downtime, helps retain margin for our VARs (due to lower labor costs of an apprentice) and minimizes time spent on site reprogramming a unit.

It also frees up the commissioning engineer, allowing them to focus on new project installs that may be time sensitive. VCM can be deployed for a single, enterprise-level project or can manage thousands of single or multi-location end users on the same system.

VCM Adds Value To Our Clients

Designed with the integrator in mind

» User account and permissions management

» Automatic, remotely deployable VIGIL Software Suite updates

» Back-up and storage for Server configuration files

» Never need to calculate cost of system downtime-with VCM, you have maximum system uptime

Key Features

» System Analysis - Proactive and predictive analysis of system status and performance for a single unit or multiple systems on a global basis.

» Camera Health - Provide VIGIL Server, NVR, and VISIX camera health and understand the status of each component of your video security infrastructure.

» Monitoring Events - Email/text alerts of health monitoring events - number of recording cameras, hard drive storage, processor utilization, and more.

Use Cases

One end-user accidentally turned off a camera that provided views of a parking area. VCM immediately sent an alert to the MSP, and the security administrator contacted the end-user to get the camera back online.

Within 48 hours, the video surveillance system caught two perpetrators throwing a brick through a car window in the parking area and making off with a purse. the video images were extremely clear and enabled the police to apprehend the suspects based on the video evidence. Without VCM, it's very likely the camera would have remained offline and the incident left unrecorded.

66

"With **3xLOGIC**'s VCM as part of our full-service maintenance system, we offer a whole new level of service, a true managed service. Now, we know when a camera is down before the end user does. Unlike in the past, when you found out a camera was malfunctioning because you had no video of that recent incident you really needed to see."

- Jeremy Bates, Bates Security Lexington, KY Jacksonville, FL

"VCM as part of a managed services offering significantly strengthens our value proposition. Our clients can rest assured that their cameras and video servers are functioning and that they will deliver video when it matters most."

Fore More Information: **3xLOGIC** VCM   www.3xlogic.com/products/vigil-central-management

VIGIL™ Client

VIGIL Client provides remote and local live and playback viewing of all video and data collected by a VIGIL Server. It enables advanced search capabilities like motion-based Smart Search, time-lapse inspired thumbnail search, and Rapid Stream video compression to streamline investigations and reduce manual workload on your security team.

There is also VIGIL Client Lite for Mac, providing Apple users with the ability to view live and playback footage natively within the Mac operating system, eliminating the need to install expensive third-party applications or configure a dual boot environment that supports Windows.

Benefits

» VIGIL Client provides remote and/or local live and playback viewing of all video and data collected by a VIGIL Server.

» Advanced Search Capabilities - Motion-based Smart Search, time-lapse inspired thumbnail search, and Rapid Stream video compression.

» New Interface -The new darker theme gives VIGIL Client a more modern feel and is intended to make the software more accessible while also being more energy efficient by reducing white pixel count.

» Search Functionality - Instant playback of 1, 5 or 10 minute video increments with the click of a mouse and the ability to define advanced search parameters.

For more information visit our website
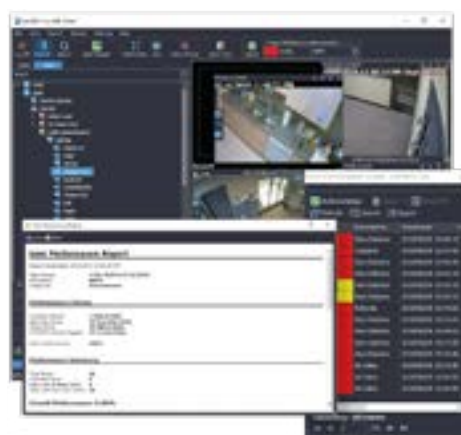
VIGIL™ Software Development Kit
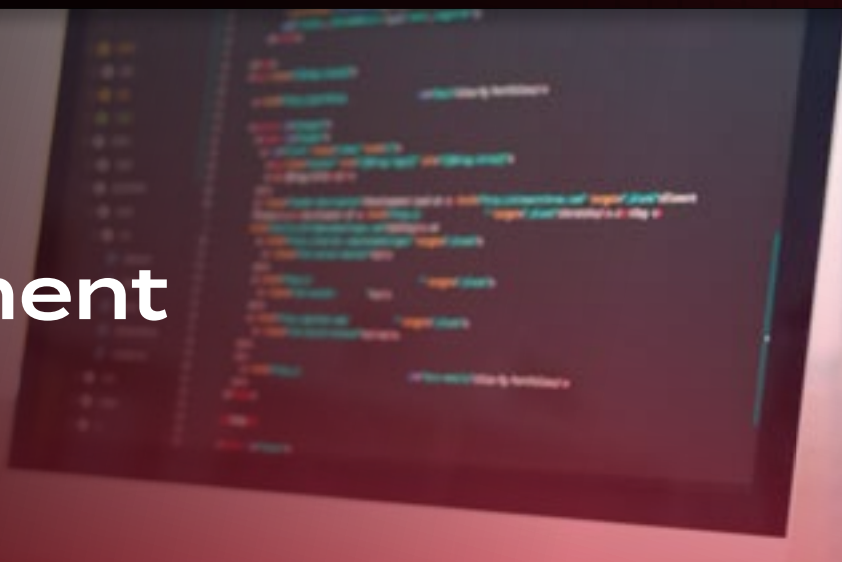
The VIGIL Software Development Kit (SDK) is a set of software development tools that enable seamless integration between VIGIL Server and third-party security solutions and hardware devices.

It includes an Application Program Interface (API), sample source code and documentation that give our development partners the tools they need to rapidly develop integrated, comprehensive security solutions. It supports all modern development languages and tools, including .NET and C#.

The VIGIL SDK enables the full integration of live and recorded video from VIGIL Server into custom 3rd party applications, the review of POS data parsed and stored on the VMS and seamless interaction with alarms and integrated PTZ functions. With the integration of previously discrete systems into one solution our development partners are able to provide new efficiencies and improved functionality, all to provide their customers a more comprehensive security solution. Contact our Sales Team for more information and access to our SDK.

Key Features

» COM architecture supports all modern development languages and tools, including .NET and C#

» Access and use PTZ functions on the VMS

» View and present associated POS data

» Monitor and trigger alarms on the VMS

» Easy to use object-oriented architecture allows developer to focus on the solution

For more information visit our website:

Mobile App
View Lite II

View Lite II is a mobile app designed to allow users to connect to and view an unlimited number of V-Series standalone cameras and cameras connected to a VIGIL VMS Server.

With the app, users can view up to 48 live camera feeds simultaneously, choosing from nine different layout options. Alarm push notifications will quickly alert to any events that need your attention and the app can also carry out POS and ATM searches along with live and playback footage.

A simple drag-and-drop interface requires no previous experience or training to use. An in-built QR code scanner allows you to quickly add VIGIL Servers. For further functionality, the app can integrate with a 3xCLOUD account.

Key Features

- » Unlimited number of VIGIL Servers and V-Series cameras
- » QR Code Scanner to quickly add VIGIL Servers
- » D I/O Device integration via VIGIL Server
- » POS/ATM OSD for live and playback
- » POS Search and POS Reports with one-click POS event playback footage
- » Alarm push notifications
- » Connect to VCM to pull a list of Servers
- » 3xCLOUD account integration

Benefits

- » Features - Unlimited number of VIGIL Servers and V-Series cameras.
- » Convenience - With a simple drag-and-drop interface and 9 different layout options, you can easily view up to 48 live camera feeds simultaneously.
- » Integration - View Lite II is a mobile app designed to allow a user to connect to and view V-Series standalone cameras and cameras connected to a VIGIL VMS Server.
- » Lite and Efficient - Our intuitive interface delivers a simple, light and efficient mobile solution for your surveillance network.

Fore More Information: www.3xlogic.com/products/view-lite-ii-mobile-app

Mobile App – VISIX V-Series Setup App

Designed for use by field installers to efficiently setup and configure VISIX V-Series cameras. The utility will gather key installation information such as Site name, Location, Camera Name, and other key camera data. This information can be emailed to the client or managers for future reference and is used to setup and configure cameras with other **3xLOGIC** software such as VIGIL Client, View Lite II, and VIGIL VCM.
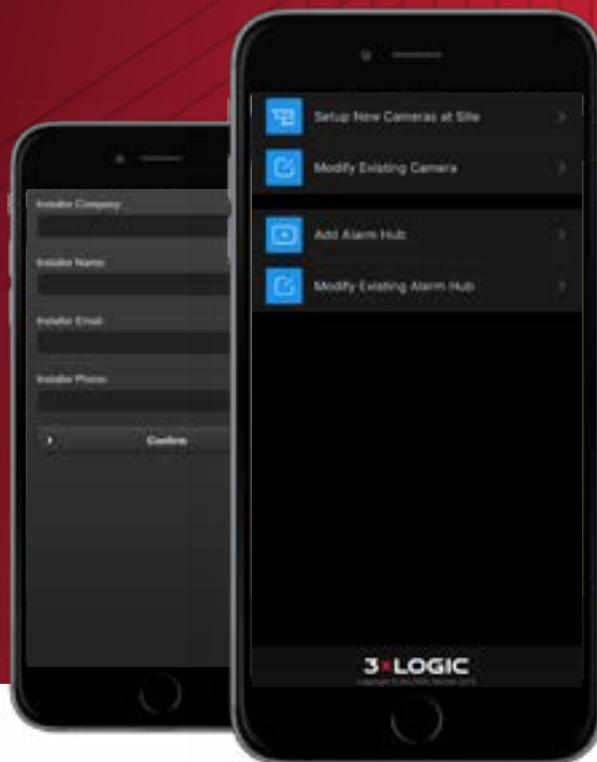
Benefits

» Features - The utility will gather key installation information such as Site name, Location, Camera Name, and other key camera data.

» Convenience - Information can be emailed to the client or managers for future reference and is used to setup and configure cameras with other 3xLOGIC software.

» For Field Installers - The VSX Setup tech utility is designed for use by field installers to efficiently setup and configure VISIX V-Series cameras.

» Lite and Efficient - Our intuitive interface takes full advantage of smartphone touchscreen technology and delivers a simple, light and efficient solution for easy setup.

Key Features

» Download App (iOS or Android)

» QR Code Scanner (via Smart Device Camera)

» Manage login credentials

» Live camera preview

» 3xCLOUD integration - Easy to set up, access and maintain your Gen III All-In-One Cameras associated with the account

Fore More Information: www.3xlogic.com/products/visix-v-series-setup-app

Case Studies - VIGIL

Our VIGIL video management solutions are easy to deploy and fit into existing security infrastructures. The VIGIL difference is advanced data analytics, units can connect to the cloud for advanced analytics - on their own or combining with other data sources.

See the entire case study library HERE

Littleton Public Schools
Solution: Cameras / VIGIL / VCM

Vertical: Education
Littleton Public Schools (LPS) is a school district serving 28 square miles and over 15,000 students. It has 13 primary schools, 4 middle schools, 3 secondary schools, along with alternative programs, preschools and two charter schools.

Case Study

Cash Saver
Solution: VIGIL

Vertical: Retail
Cash Saver is a food outlet that promises a whole new way to save on groceries.
It keeps the cost of operating its stores to a minimum, with lower rent, no fancy décor, and less advertising.

Case Study

Tampa YMCA
Solution: Cameras / VIGIL

Vertical: Leisure
The Tampa Metropolitan Area YMCA exists to improve its local community through youth projects, healthy living education, and social responsibility. It engages with over 242,000 people a year, across 18 different facilities.

Case Study

Ocean Blue Car Wash
Solution: Cameras / VIGIL

Vertical: SME
As one of Arizona's first Express Car Wash concepts, the owners of Ocean Blue Car Wash have put to use their 15 years of experience to create a new standard in car washing. Ocean Blue is a fast-growing enterprise with six locations in all.
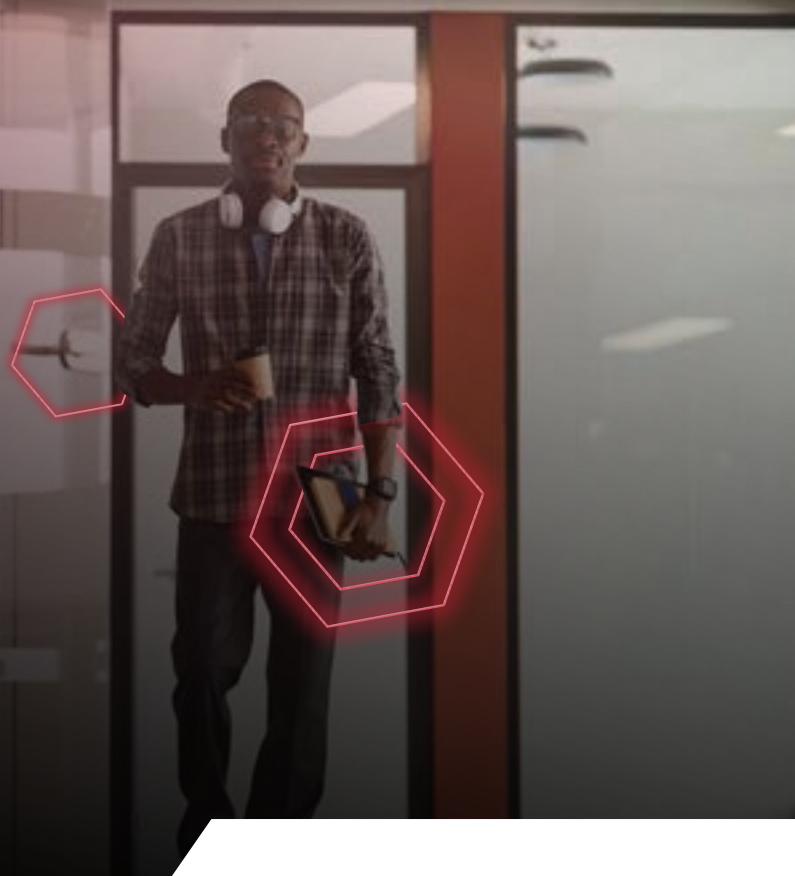
Case Study

INFINIAS

3xLOGIC

ACCESS
CONTROL
SOLUTIONS

*Coming Soon to UK & EMEA Regions

Introducing infinias

infinias provides a cost-effective, broad access control solution that is easy to manage, simple to install, and scale with changing needs. infinias conveniently secures and manages user locations, within a simple and intuitive interface.

infinias is available as 4 licensed tiered options from CLOUD to server based:

- » infinias CLOUD
- » infinias ESSENTIALS
- » infinias PROFESSIONAL
- » infinias CORPORATE

Use Cases

- » Retail
- » Education
- » Multi–Tenant Buildings
- » Single or Multiple Store Locations
- » Healthcare
- » Churches and Community Centers infinias is a powerful, yet simple to use and install access control solution. This scalable solution allows the user to manage from a single door to thousands of doors easily.

Features and Benefits

- » Manage single-door to enterprise-wide installations easily and securely
- » View, monitor, and report on events and alarms; define multiple security roles, access and privileges for individual users.
- » Powerful rules engine allows flexibility in providing users that ability to build customer tailored functionality specific to their needs, such as Lock Down, First In, Last Out, N Man Rule, etc.
- » Simple - quick and easy to install, and simple to use on a computer, mobile or tablet
- » Save money with unlimited door license on-premises and dealer support*
- » Integrates with ENGAGE wireless locks*
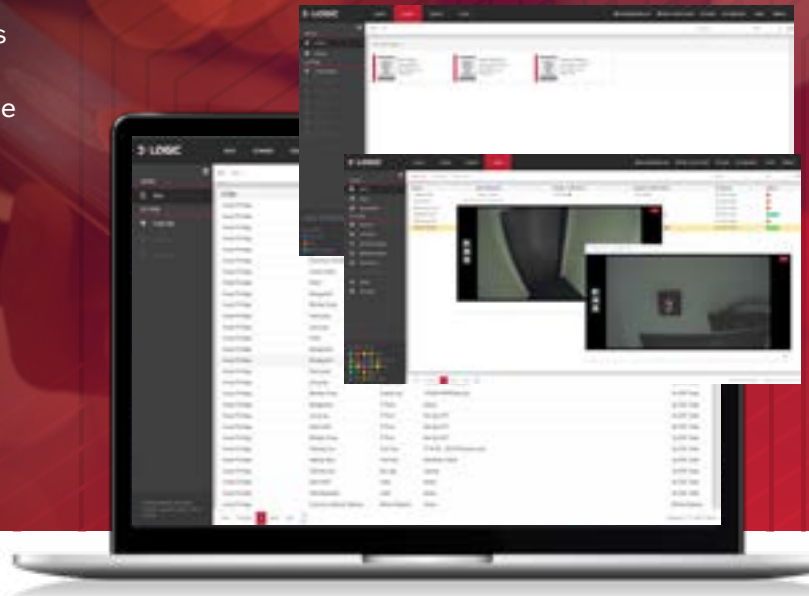
May not be available for all licenses

Watch

▶ **3xLOGIC** infinias

infinias CLOUD

infinias CLOUD brings all the benefits of infinias with the convenience of cloud. This affordable, scalable solution provides a high quality revenue stream with remote management capabilities, video integration and no training requirements.

Additional Features and Benefits of infinias CLOUD

» Automatic updates

» High quality recurring revenue source

» Mobile app as a credential – manage users and unlock assigned doors

» Mobile app for remote management - viewing events, card holder management, view videos

» Intuitive and simple GUI

» Dealer certification and end user training available.

» Integrates with Google Calendar and Microsoft Outlook Exchange Calendar

» Easily manage people, groups, roles, privileges and credentials from our simple user interface.

» Affordable - no server or maintenance for CLOUD solution.

» Infinite scalability – unlimited doors, cardholders and credentials

» Increase productivity with simple door status icons

» Monitor Elevator control – infinite number of elevator banks and cabs can be monitored simultaneously

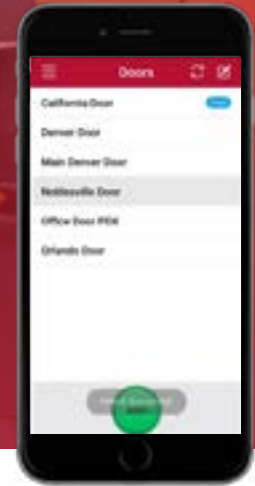» VIGIL video integration - access video in infinias CLOUD and the infinias Site Access Mobile App

infinias Mobile Credential

Open Doors with the Convenience & Security of your Mobile Device!

The Next Generation of Mobile Credential is Here!

3xLOGIC's Mobile Credential adds push notification, location services, Multi-Factor authentication (MFA) and upgrades to the default door page.

» **Use push notification** to alert all your credential holders of any events of significance, such as school opening delays or lockdowns. Notifications can be sent ad hoc to a single person or group, or use the industry-leading infinias Rules Engine for preconfigured notifications based on events. For example, receive a notification when a door is forced between 6 pm and 6 am.

» **Location services add two new capabilities:** when a user brings up the app, the three nearest doors are shown automatically on the home page making the app more convenient, and Administrators can also configure how close a user has to be to a door to gain access, to ensure the phone is present.

» **Privileges can now be configured to require Multi-Factor Authentication (MFA)** and if so, a user will have to either already have or establish an unlock passcode/ biometric/ gesture/pin, thus adding "something you are" or '"something you know" authentication forms to the existing "something you have" (the credential) for

» increased security.

Features

» Unlock doors without a keyfob, card or other device.

» Be aware of events on premise with our new Push Notification Service.

» Intuitive adaptive interface provides access to doors based on your location and most used.

» Advanced security features prevent unwanted access to your credential and secured doors.

Benefits

» Improve efficiency of managing and securing your business.

» Reduce overhead with the ability to grant access without issuing expensive keyfobs or cards.

» Increased communication to your staff in the event of emergencies.

> "There are other offerings out there that can accomplish mobile credentials and proximity requirements, but they require expensive NFCor BLE readers. Our mobile credential application is agnostic to any reader on the infinias server and can even work in a reader-less environment, because the application communicates directly to the server to trigger logic."
>
> **Andrew Griffith**
> Global Director of Sales Engineering

Do You Know Where Your Credential is?

Use Case:

» Advanced Mobile Credential is perfect for schools and campuses.

» Mobile Credential are the MOST Secure option.

» Mobile Credential decrease the amount of loss and security risks of traditional cards immensely. No need for costly biometric readers.

» Students are less likely to be locked out simply because they NEVER leave their phone behind.

» And with push notification you can easily send maintenance and security alerts to your access users.

The Most Secure Credential Available

» The MOST Secure Credential Available

» Cost Effective- No Need to Buy Biometric Readers, or Use Readers At All

» NEW Technology to Solve an Old Problem

» Opportunity to Mine and Use Data

» Geo-Location Used TWO Ways

» Multi-Factor Authentication

» Push Notifications

» Operational Notifications

» Emergency Instructions

Typical cellphone user touches their phone
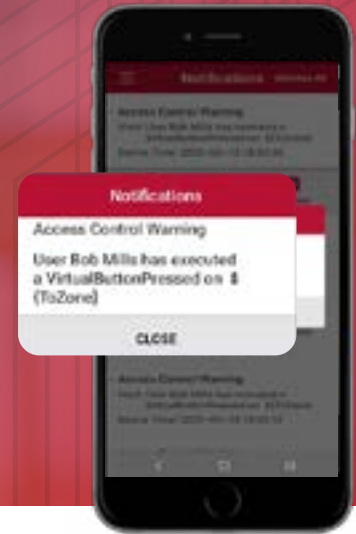
2,617

times every day.

Extreme cellphone users — meaning

the top 10%

touch their phones more than

5,400

times daily.

You may be careless with or even lose your card or key fob, but you'll NEVER lose your phone.

Start Managing and Receiving infinias Access Control Push Notifications Today!

Receive Push Notifications Right to Your Mobile Device with infinias CLOUD

infinias Push Notifications allows users to proactively manage their access control system instead of simply reacting to a problem. Users can now be notified when a door is left open, forced open or is in an overridden state, such as Lockdown. Users can also be notified of any activity before and after work hours

Features

» Be proactively notified when an access control alarm takes place.

» View associated video tied to the alarm in real-time.

» Lock or unlock doors associated with the event.

Benefits

» Improve efficiency of managing and securing your business.

» Eliminate time searching for specific events.

» Reduce overhead with the ability to grant access through a door when you're remote from the location.

» Tighten security by minimizing doors that need to be unlocked on schedules.

» Peace of mind for owners and admins.

Receiving Push Notifications is as simple as 1,2,3.

Will I Receive Notifications Too Frequently?

The infinias rules engine is extremely flexible. You can choose:

» Who to notify.

» What hours of the day to send notifications.

» Which doors to receive notifications for and

» Define the specific event(s) to notify them, all from the palm of your hand.

How Might You Use Push Notifications?
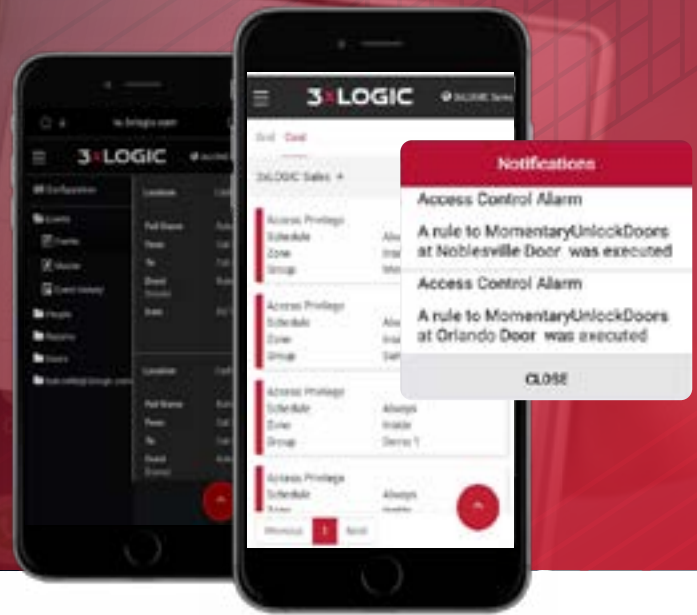
Issue:

A door propped open in the shipping area during the workday (7a-6p) needs to be addressed at some point, but that same door propped open at night is critical as there should be no one there. During the day, notify the shipping supervisor. At night notify the group responsible for monitoring the system and calling the police.

Use:

Build two rules, one for the day and one at night.

Day rule:

- » Rule Action – Push – Warning
- » Schedule Work Hours
- » Zone Shipping
- » Event ForcedOpen
- » Push To Shipping Supervisors (a group)

Night Rule:

- » Rule Action Push Notification - Alarm
- » Schedule Night Hours
- » Zone Shipping
- » Event ForcedOpen
- » Push To Site Monitoring (a group)

Start Managing and Receiving Push Notifications Today!

Small Businesses, Schools, Churches, and Community

Centers, can now keep their businesses safe without having

to provide security management training to their staff. If there is a VIGIL camera associated with the door, then upon receiving the notification, the user can choose to view playback video of the event or live video at that door.

Google & Microsoft Outlook Calendar Integration – Now Available in infinias CLOUD

infinias CLOUD makes Managing Schedule Overrides EASY

Creating and managing schedules, especially the exceptions, is notoriously one of the most complex tasks within access control applications; especially for schools and churches.

Schools have to create exception schedules or schedule overrides for PTO Meetings, Sporting Events, Snow Days, Extra-curricular Events, and more.

Why infinias CLOUD?

infinias CLOUD is the only access control solution that integrates with Google Calendar and Microsoft Outlook Exchange Calendar, making managing exceptions as painless as possible.

Without having to learn the complex aspects of an access control system, end users can use an application they are already familiar with. And integrators save time and money on a solution that requires zero end user training.

How does it work?

Simply schedule a meeting in Outlook or with the resource location name that ties to specific rules in infinias, and you're done! infinias takes care of all the scheduling work and actions in the background.

You can easily manage:

» Exception and Holiday Schedules

» Turning on/off lights

» Turning on/off HVAC

No room for error. Eliminates unnecessary user actions and staff training on managing schedules in access software.

No specialized training or staff required. The start time or reminder time of the meeting will trigger a specific rule in infinias to override the default lock schedule for any door(s).

at the end of the meeting the doors will revert back to their normal state.

No End User Training Required

Schools, Churches, and Community Centers can now keep their businesses safe without having to provide security management training to their staff.

Expand Your Access Control with Wireless Lock Integration
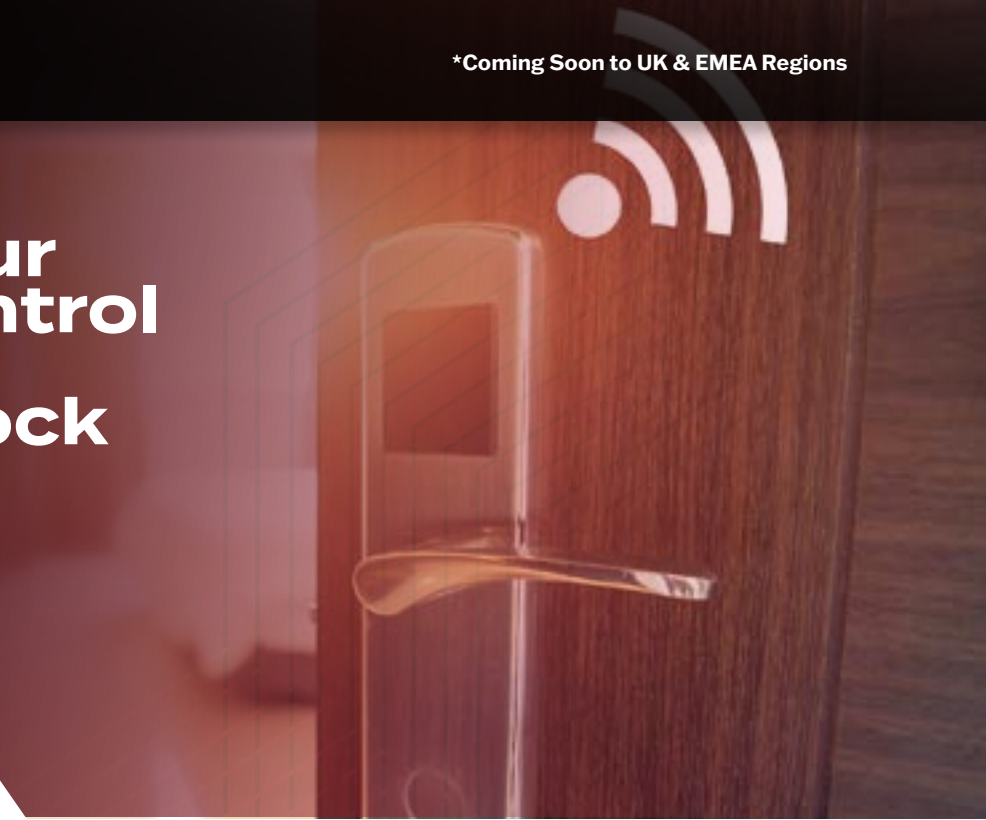
No Wires to Pull...

Just when you thought we couldn't make access control easier to install or adopt, we broke the mold again. infinias CLOUD now supports Allegion ENGAGE wireless locks, both LE and NDE models. Save time and money by extending your access control to doors that would be more difficult to traditionally wire. With ENGAGE locks and infinias CLOUD there are NO WIRES to pull making it easier than ever to extend your security without a heavy lift or remodel of your existing infrastructure. Whether you're retrofitting an existing office, or just starting your experience with access control, our solutions are designed to be easy to install and use.

Security

ENGAGE technology was designed from the ground up with security in mind. ENGAGE technology leverages industry leading security practices, including AES 256 bit and TLS encryption to provide customers with a secure, dependable experience.

Reliability

Regular, frequent communication between the Gateway and linked ENGAGE™ enabled devices allows the Gateway to send commands such as lock, unlock and lock down from an ACP or IP host in real-time.
All while enabling up to a 2-year battery life in linked wireless devices.

Efficiency

The ENGAGE Gateway provides the ability to leverage existing

IP based or RS-485 infrastructure for maximum efficiency. Ethernet connectivity provides ability to connect to the network for real-time access control directly from an in- or out of-network host; to further simplify installation the Gateway can be powered over ethernet (PoE). Additionally, the ENGAGE Gateway is designed to work seamlessly in an existing RS-485 environment to extend access control to more doors. It can be powered from the access control panel (ACP) or from the 12VDC supply (included).

Delivering connected solutions beyond security

Case Studies – infinias

infinias provides cost-effective access control solutions that are easy to manage, simple to install, and scale with changing needs.

See the entire case study library HERE

Littleton Public Schools
Solution: infinias / Cameras / VIGIL / VCM
Vertical: Education

Littleton Public Schools (LPS) is a school district serving 28 square miles and over 15,000 students. It has 13 primary schools, 4 middle schools, 3 secondary schools, along with alternative programs, preschools and two charter schools.

Case Study

Harvest House Of Cannabis
Solution: infinias
Vertical: Retail

Headquartered in Tempe, Arizona, Harvest is a multi-state cannabis operator and vertically integrated cannabis company.

Case Study

Glasscock Co Schools
Solution: infinias / Wireless Locks
Vertical: Education

Glasscock County ISD is a school district in Garden City, TX. As of the 2018-2019 school year, it had 304 students. Glasscock maintains multiple buildings, comprising two campuses, pre-K through high school. Other facilities include an agriculture shop, cafeteria and concessions, two gyms, and a bus depot.

Case Study

Denver Toll
Solution: infinias
Vertical: Infrastructure

The E-470 Public Highway Authority is a political subdivision of the State of Colorado, and it is a toll highway that runs along the eastern perimeter of the Denver metropolitan area. The 47-mile beltway extends from south of Denver, around the city, and terminates at the north end of the metropolitan area.

Case Study

TRENDS™
3xLOGIC

BUSINESS INTELLIGENCE SOLUTIONS

*Coming Soon to UK & EMEA Regions

TRENDS Business Intelligence Solution

TRENDS is a cloud-based Business Intelligence (BI) tool that can combine your video data with financial data and other third-party information as needed, into a consolidated data warehouse. This helps to uncover interesting, value-added insights for better decision-making. For example, TRENDS can map your cameras to cash handling areas like a back office or cash register, then align video and financial data to identify suspicious behavior such as fraud or theft.

Using TRENDS business intelligence software is as simple as pressing a red button. TRENDS has the flexibility to bring virtually any data stream into the cloud-based platform. This enables features for store comparisons, sales conversions, weather, and analytics such as dwell time data and traffic counting to be easily viewed and compared from any device anywhere, any time.

Weighted results are displayed in an easy-to-read fashion highlighting areas of interest within your organization. TRENDS can help your Executive team and other stakeholders quickly understand key events and patterns related to a specific employee, transaction or business, identifying areas to increase profits and fraudulent or unusual behavior can also be flagged by the system to help proactively prevent losses.

Fore More Information: **3xLOGIC** TRENDS   www.3xlogic.com/trends-business-intelligence

Is TRENDS Right For You?

Perfectly suited for medium to large sized business with multiple locations (Minimum 100 locations with a unified/ standardized POS system that is managed by IT), TRENDS provides actionable intelligence on what would otherwise be dark or ambient data. Get immediate visual indicators on how all aspects of your business are performing
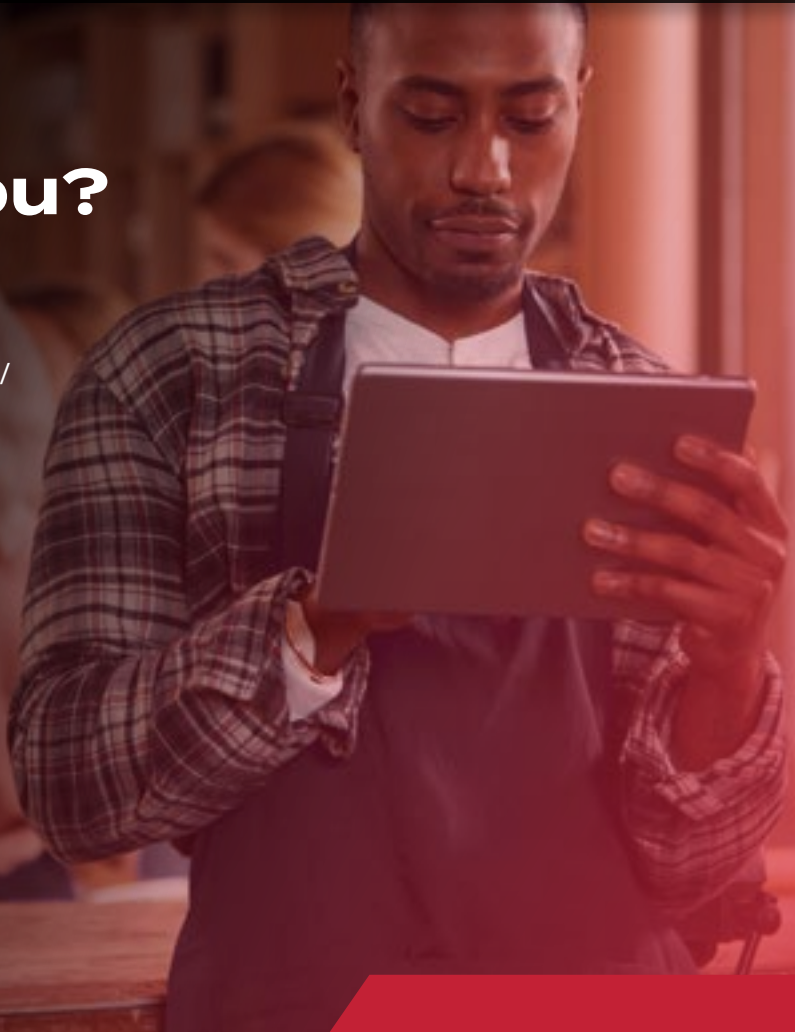
TRENDS is suitable for business owners who are looking for:

» Reduced Internal Theft and Shrink

» Measurable Marketing

» Operational Dashboard

» Business Process Improvement

» Increased Employee Retention

TRENDS is Ideal For:

» Retail (Mid to Large Scale)

» Quick Service Restaurants

» C-Stores

» Hospitality

Take advantage of the data you unknowingly have access to and move your business efficiency to the next level.

The increase in viable data being made available through sensors, cameras, time/attendance systems, access control devices, ATMs, EAS, LPR, POS and other analytic tools has been harnessed to provide unprecedented visibility into any organization. With VIGIL Trends, **3xLOGIC** has created a way to distill all of this disparate data into relevant, actionable information that can be efficiently and effectively acted upon — saving time and money while reducing loss.

Key Features

Weighted Exception KPI Reports – The Exception KPI report is mainly used by LP Analysts and Field Managers to identify employee fraud. Exception KPI reporting identifies top offenders in the organization that are costing the business enormous amounts of money.

Case Management – Not only can VIGIL Trends identify employee fraud using Weighted Exception KPI reporting, but can also aid the user in managing individual disposition of cases, allowing store level investigations to be reviewed by field managers or a tiered organization. Both dashboard and reporting metrics can be viewed at a glance.

Operational Audit Capabilities – Companies make large investments in Exception Based Reporting and are always searching for improved ROI of that investment. In addition to its Exception KPI reporting VIGIL Trends can also provide critical data regarding hourly revenue tracking, safe count and petty cash tracking, and intrusion panel reporting.

Integration of Marketing, Weather, Analytics into Trends – VIGIL Trends has the flexibility to bring virtually any data stream into the Trends platform. This enables features for store comparisons, sales conversions, weather, and analytics such as dwell time data and traffic counting to be easily viewed and compared.

Optimized Video Experience – **3xLOGIC**'s cloud-based video player will sync video with line items of the receipt. As the video plays the items are highlighted. Conversely, the users can click on an item in the receipt and the video cues to that point in time. Video can be uploaded in a batch method for easy access in the cloud, reducing the amount of time waiting for a video clip to upload in narrow bandwidth environments.
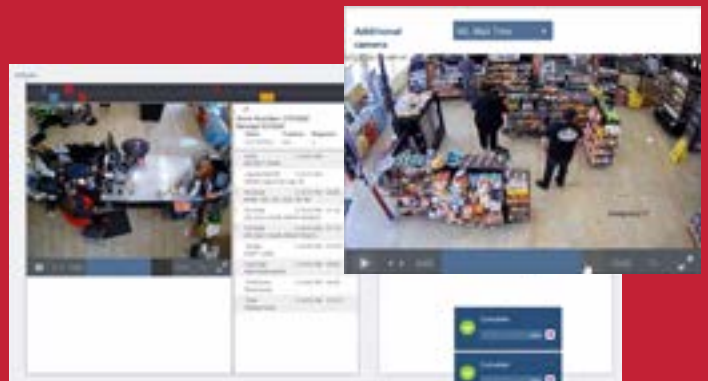
What Does My Solution Look Like?

Weighted KPI Reports allow Loss Prevention (LP) analysts, Operations Team members, and managers to identify employee theft. At a glance, TRENDS identifies the top 10 liabilities in the business—the employees that are costing the business enormous amounts of money.

TRENDS Dashboard - Key Values to Customers

The TRENDS dashboard provides easy to consume, visual indicators to bring to light the good and the bad, allowing your finger to be on the pulse of your business.

The dashboard lets you track and improve metrics that optimize the success of your business in key areas:

People Development — To set its people up for success, store managers can review all transactional behavior and address areas of opportunity with employees within two days.

Comparing Store Performance — The store managers' dashboard displays restaurant performance compared to other stores in the region and to their prior month's performance.

Optimizing Store Efficiency — Easily identify how many people are working per hour, what job they are facilitating, and the revenue generated per hour.

Monitoring Intrusion Data — TRENDS provides intrusion data, which clearly display when stores are opened and closed, deliveries are made, cleaning is done, and whether the store is being remotely armed and disarmed.

Tracking Cash — Ability to track how much is in the safe and when it was last counted, as well as petty cash spend along with scanned receipts for purchases.
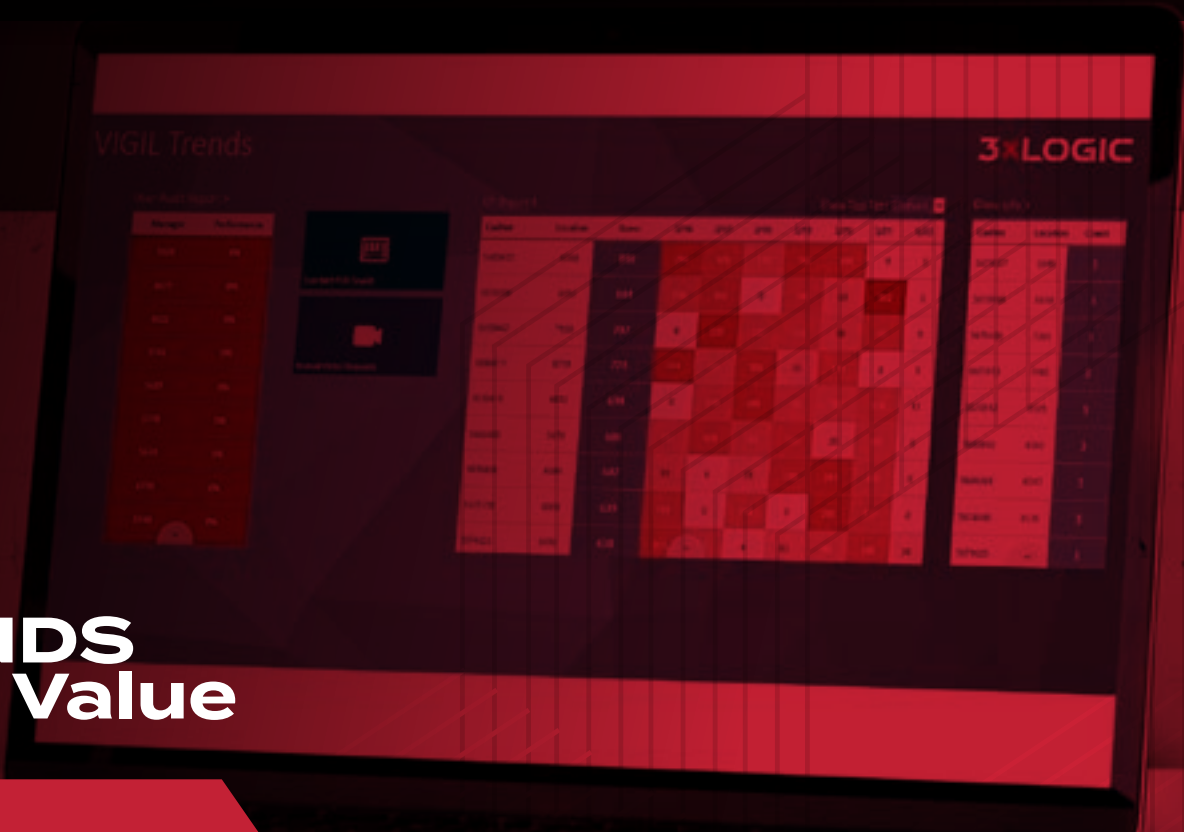
TRENDS
Adds Value

"As an industry leader, Panda Express's culture sets an expectation of best-in-class results. Accordingly, we needed a state-of-the-art business intelligence solution to provide us with truly actionable information. Intelligence we can act on is central to Panda's business strategy, which focuses on meeting high standards through continuous operational improvement."

*"At Panda, safety and loss prevention are key priorities in executing great operations. We worked with **3xLOGIC** and Interface for over a year to implement a highly-customized solution to meet these priorities. Now, we have a cutting-edge tool deployed across the entire enterprise that we can all be proud of."*

Lyle Forcum — Executive Director of Asset Protection at Panda Express.

Watch

▶ **3xLOGIC** TRENDS

Case Studies - TRENDS

TRENDS is a cloud-based business intelligence (BI) tool that ties exception-based reporting, video data, and third-party applications into an easy-to-use dashboard that provides a simple visual snapshot of your business, allowing you to optimize all areas of your business.

See the entire case study library HERE

PANDA Express
Solution: TRENDS

Vertical: Quick Service Restaurant

Panda Express is the largest family-owned restaurant chain in America, with more than 2,000 stores globally, 35,000 associates, and $3 billion in sales. Since it was established in 1983, Panda has steadily grown with approximately 125 stores opening each year.

Case Study

Murphy USA
Solution: TRENDS

Vertical: Retail

Since 1996, Murphy USA has been the place people go to save on the gas that fuels their lives. From the lowest prices on gas to exclusive deals on everyone's favorite snacks and drinks, Murphy USA is always going the extra mile at over 1,400 locations across 26 states.

Case Study

3xLOGIC

INTEGRATED SOLUTIONS

Integrated Access Control and Video Management

Introduction

infinias Access Control and VIGIL Video Management are integrated creating one intuitive solution where video is automatically associated with access control events and alarms.

This serverless solution is easy to use and install, and provides you high visibility into your operations for a fraction of the cost.

Is Integrated Access and Video Management right for you?

Perfectly suited for small to medium sized business, yet scales from a single door to thousands of doors making it perfect for enterprise installations too.

Use Cases

» Multi-tenant Facilities

» Single or Multiple Store Locations

» Day Cares, Preschools and Elder Care Facilities

» K-12 Schools

» Storage Facilities

Mobile App

Mobile App

Conveniently control ONE location or MANY all from a single APP. Intuitive access and video management anytime, anywhere, right from the palm of your hand.

Our intuitive interface takes full advantage of your devices touchscreen technology and delivers a simple, light and efficient mobile solution for integrated access control and video management network. Receive push notifications based on custom rules, view and control all your doors with a single app.

3xLOGIC's Mobile Credential, allows employees door access without the use of a physical key card or fob. Now available for the Apple Watch, iPhone or Android device. *License fees apply.

How does it work?

The small yet powerful infinias access controller integrates with VIGIL software and hardware, including our cameras to provide video verification for additional layer of visibility and security.

This high-performance door controller can handle more cards, more schedules, and more functions than any single door controller on the market – making it an ideal solution for virtually any access control installation.

Key Features

» Remote Viewing allows business owners a quick, reliable way to verify alerts and alarms.

» Monitor the operation of the business from a mobile device and ensure that only authorized people are entering the business.

» Receive push notifications right to your phone.

» View live and recorded video.

» Run comprehensive reports.

» Use your phone as your credential.

» Easy to use, easy to install, financially responsible and totally secure!

Gunshot Detection

Unpredictable active shooter situations happen all too often in places such as schools, warehouses and places of work. It's important to have safety measures in place as these tragedies escalate quickly before law enforcement can arrive.

3xLOGIC Gunshot Detection seamlessly integrates with VIGIL and VIGIL CLOUD solutions. By integrating this solution into your existing security system, you and your security team will be better prepared to react quickly and effectively in the event of an active shooter.

The Concussive Force Innovation

3xLOGIC Gunshot Detection identifies a gunshot using concussive force recognition technology and is simply integrated into your existing security system. The concussive force recognition technology detects the force that

you would sense if you were near a gunshot.

Upon a gun firing, a shockwave is created by the bullet exiting the gun and travels through the air. The shockwave creates the concussive force that you would "feel" and is picked up by our Gunshot Detection sensor.
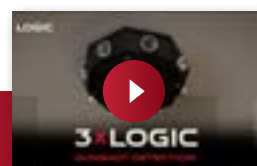
Our Gunshot Detection solution does not utilize microphones, infrared sensors, or complex analytics - just an affordable, simple sensor solution that is part of your active shooter safety and security measures.

Use Cases

» K-12 Education / Schools

» Warehouse and Distribution

» Small/Medium Business

» Finance and Banking

Watch

▶ **3xLOGIC** Gunshot Detection

Simple Solution, Comprehensive Coverage, Affordable.

360° Coverage

Range of 75 ft radius

75'

Not impacted by light

Our Gunshot Detection solution is a self-contained device with a reliable dry contact allowing you to easily integrate into your existing security system.

Utilizing a range of 75 ft. radius with a 360° coverage, our solution minimizes the number of sensors needed, allowing you to be affordably covered.

Our Gunshot Detection's infrastructure has no need for software, servers, or relay board.

3xLOGIC Gunshot Detection can be an important part of your active shooter safety and security plan. By integrating this solution into your existing security system, you and your security team will be better prepared to react quickly and effectively in the event of an active shooter.
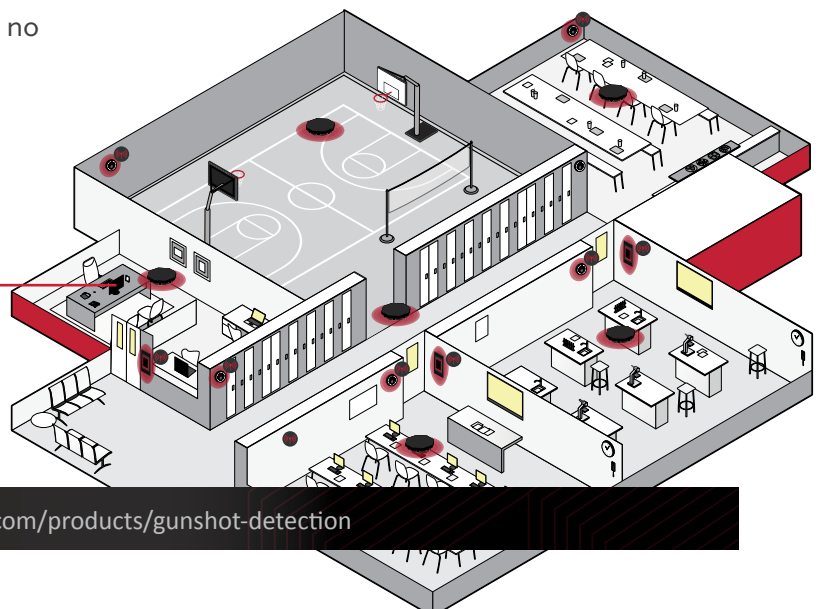
Fore More Information: www.3xlogic.com/products/gunshot-detection

Case Studies – Gunshot Detection

3xLOGIC Gunshot Detection identifies a gunshot using concussive force recognition technology and is simply integrated into your existing security system.
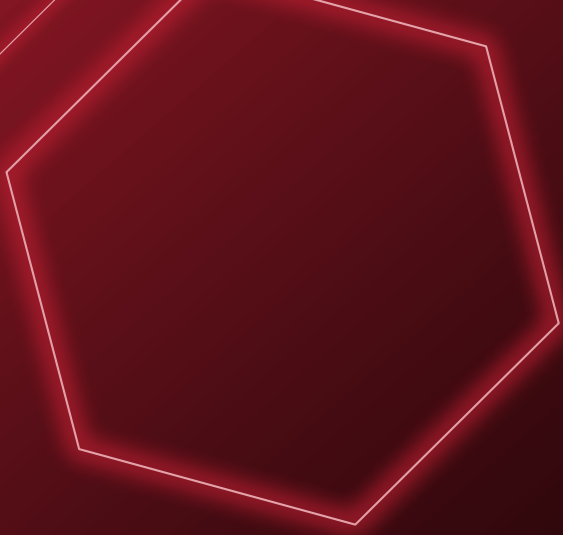
See the entire case study library HERE

Gibson Co. Schools
Solution: Gunshot Detection

Vertical: Education

Schools like Gibson Southern H.S. keep students & staff safe by being prepared to initiate reaction quickly & effectively.

Case Study

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