3xLOGIC

VIGIL™

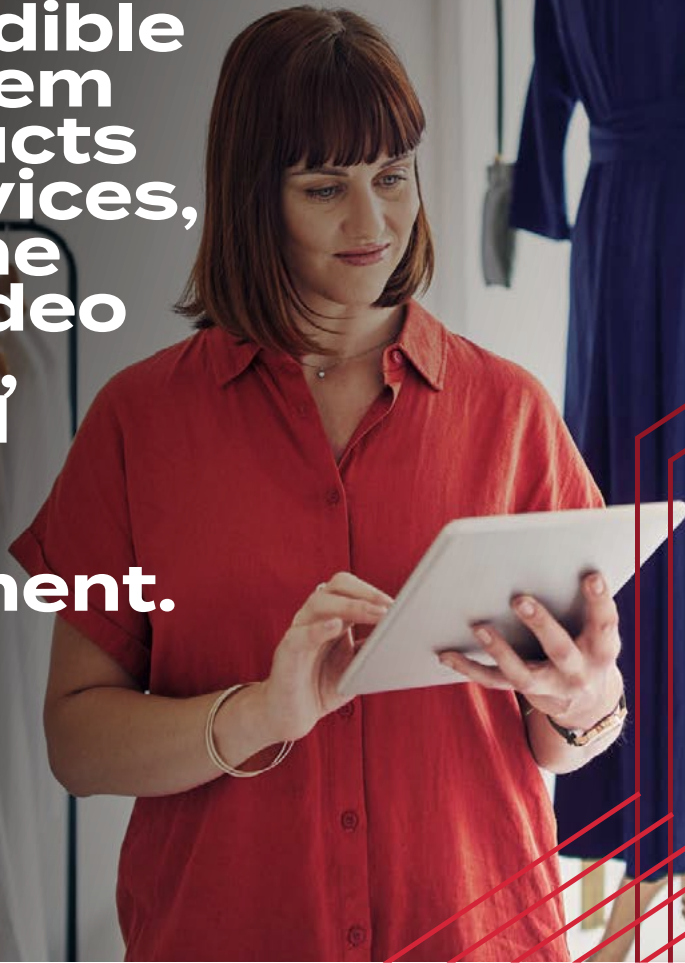## VIDEO SOLUTIONS

Delivering connected solutions beyond security

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
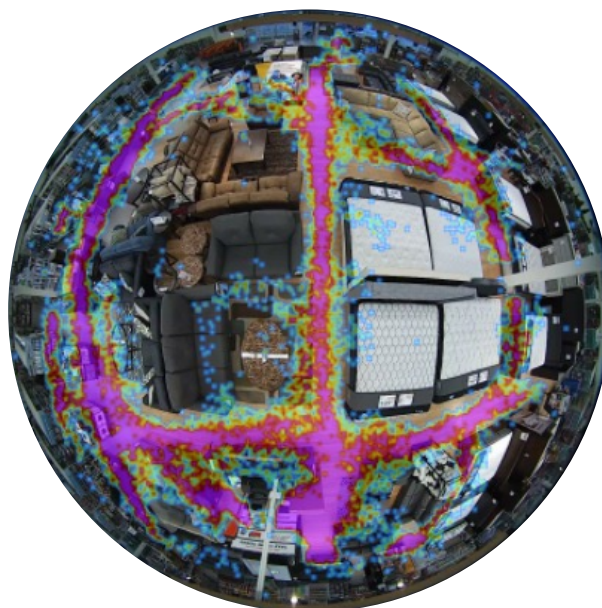- » Post-event investigations

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
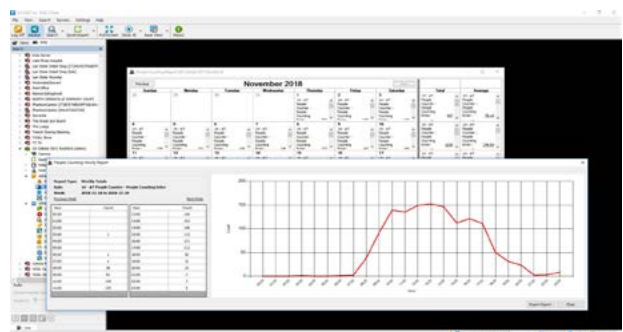
» Fitness Centre

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.
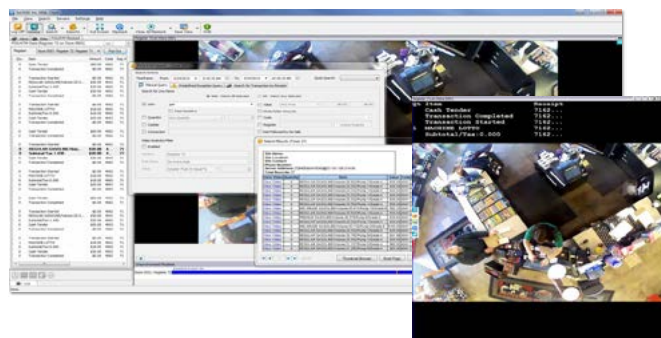
VIGIL Point-of-Sale enables you to run queries on your POS transactions based on date, time, camera, transaction type, value, item code, cashier, or receipt number and view results along with video of those transactions for a complete overview of a situation. It can issue real-time alerts based on predefined 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

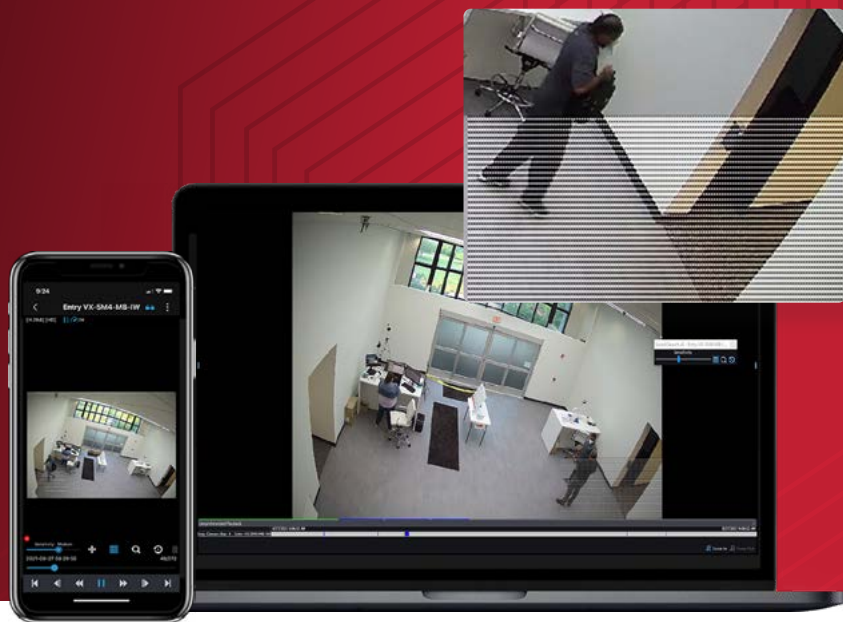» Small / Medium Businesses

» 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.

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.

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
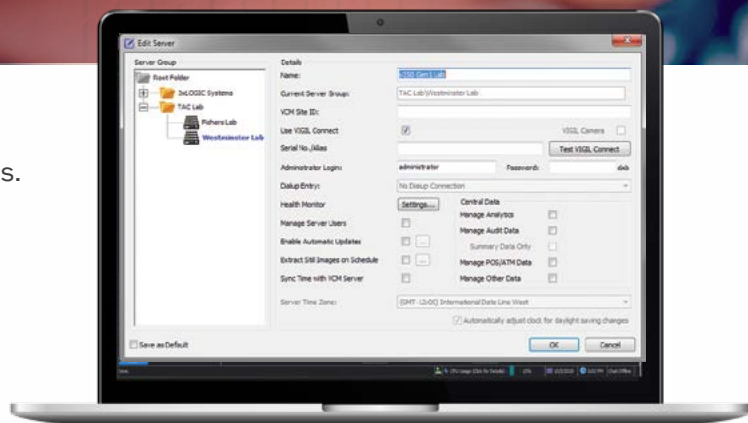

VIGIL Software Development Kit

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.
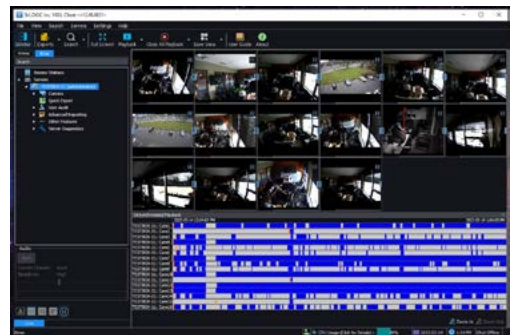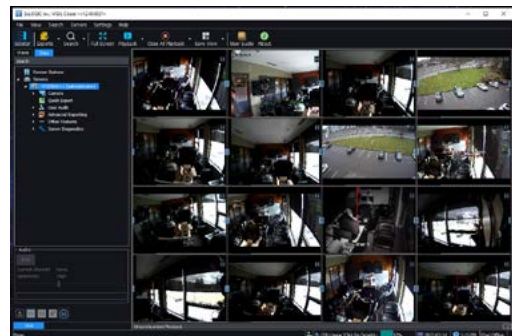
VIGIL 12.0

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.
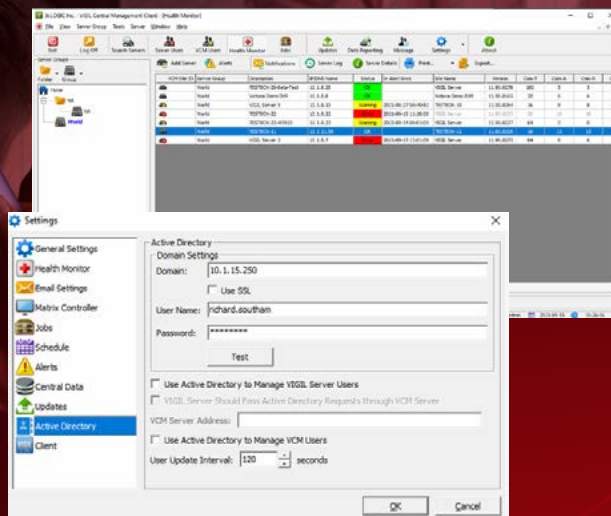
Features and Benefits

» 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.

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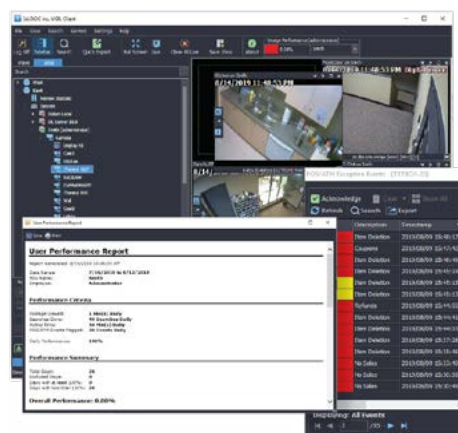
There is also VIGIL Client Lite for Mac, providing Apple users with the ability to view live and playback footage natively within the Mac operating system, eliminating the need to install expensive third-party applications or configure a dual boot environment that supports Windows.

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
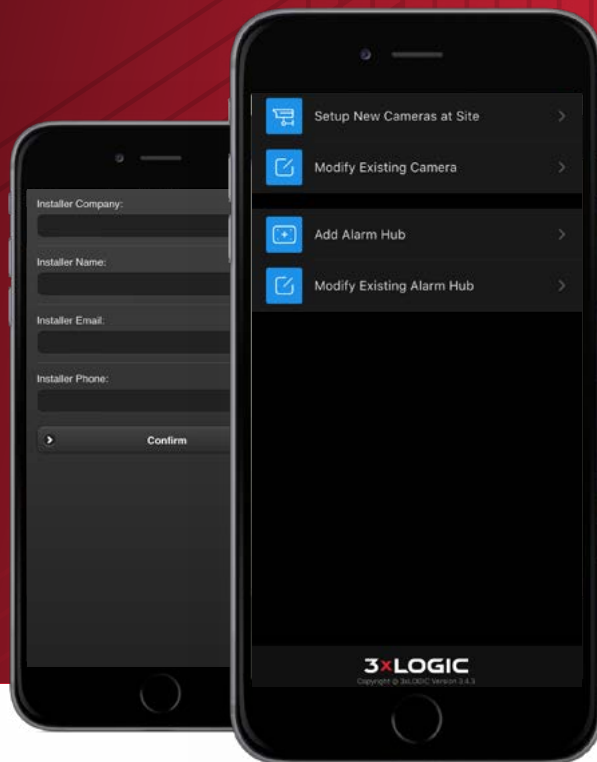
» 3xCLOUD account integration

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.
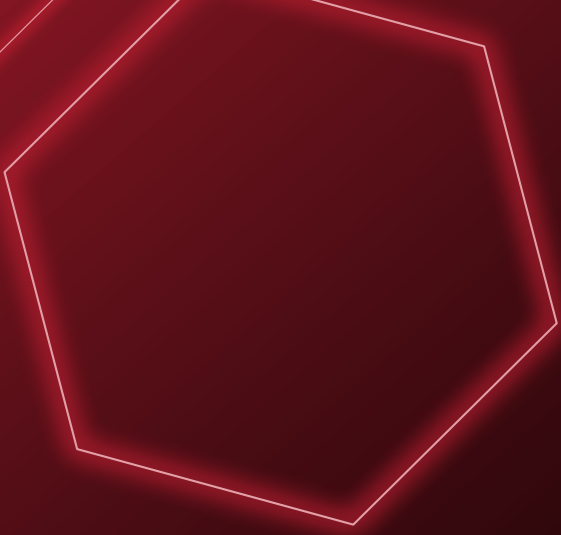
Case Study

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

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