Take a good look at VisioWave™ IVP You'll watch less and see more.

With your security obligations growing, operational budgets shrinking and video surveillance systems reaching maturity, there's never been a better time to take a close look at GE's VisioWave Intelligent Video Platform (IVP).

From camera in to monitor out, VisioWave IVP uniquely integrates **smart** software and precision-engineered hardware to create a comprehensive surveillance system designed to protect people, property and critical infrastructure.

Optimized for network performance and **scalable** for growth, VisioWave IVP provides the **open** architecture to expand the analytical capabilities of your system as your security and business needs evolve.

Smart software analyzes live and stored video and monitors system health

Scalable proven technology to over 10,000 cameras for the surveillance needs of tomorrow

Open platform and development tools for easy integration and network performance

Smart software analyzes video and

GE's VisioWave IVP advanced VCA software analyzes live or recorded video streams and detects suspicious activities and events.

live and stored monitors system health

VisioWave IVP Knows When You Should Look: And It Will Tell You

Surveillance video is used primarily in "after-the-fact" investigations. But as camera sites become increasingly networked with large IT systems, video surveillance is likely to become more effective as a security tool and may be used to interrupt acts of crime or aggression.

GE's VisioWave IVP is embedded with advanced Video Content Analysis (VCA) software that analyzes video streams to alert you of displaced, blocked or out of focus cameras, obstructed views or video loss.

With VisioWave IVP, you have the power at your fingertips to acquire information in video, audio and/or data format; administer and analyze the information; take appropriate, timely action—all automatically, in one complete system.

In addition to embedded VCAs, the VisioWave IVP lets organizations add intelligence to their systems to detect incidents in real-time—or even before they happen—with the platform's third party plug-ins. This lets the system "understand" scenes and set off alarms when required conditions are met.

VisioWave IVP Monitors Your System's Condition and Health: So You Don't Have To

Today's large and complex digital video installations make it difficult to know exactly how the system is performing. Because the VisioWave architecture is built for large enterprise networks, the software can instantaneously access all devices and monitor performance.

Device Monitoring:

- Status of video ports (inputs, outputs, connected, not connected)
- Health of hard drives, including any predictable failures
- Internal temperature of device
- Temperature of hard drives
- Fan speed
- Network statistics, activity and errors
- Network traffic (IP unicast, IP multicast and Asynchronous Transfer Mode (ATM))
- Statistics on connected network interfaces (Ethernet and ATM)

Video Content Analysis: What's Possible?

Third party plug-ins except where indicated.

- Black frame detection*
- Blur detection*
- Camera displacement detection*
- Crowd management
- Forensics
- Left object/removed object
- Motion detection*
- People counting
- Perimeter/intrusion detection
- Smoke detection
- Suspicious behavior detection
- Traffic law enforcement
- Waiting line measure
- Wrong way movement detection

Note: Third party plug-ins based on availability and subject to change.

**Embedded VCAs.*

Scalable proven technology to over 10,000 cameras for the surveillance needs of tomorrow

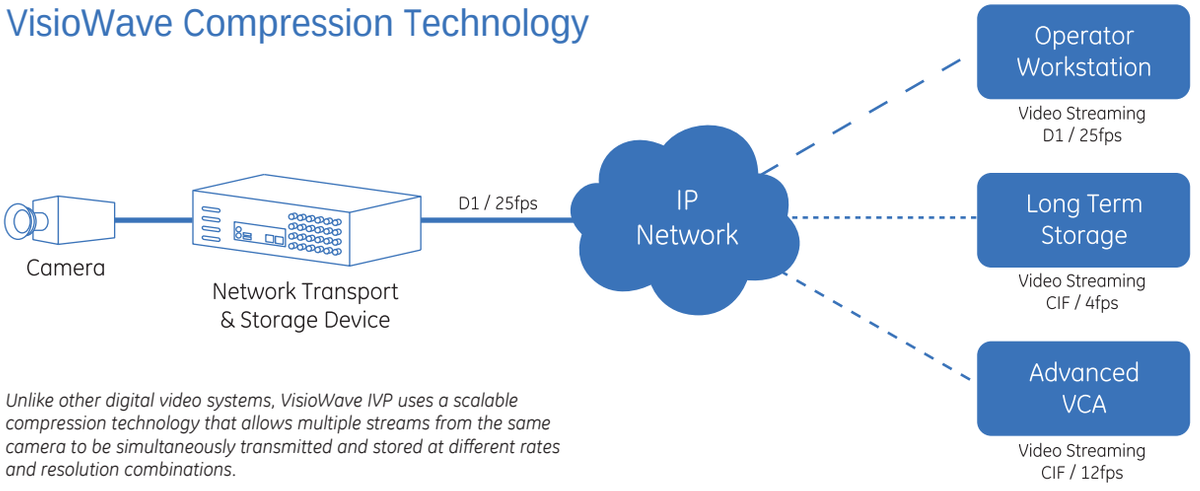
VisioWave IVP enables seamless system growth and manages the complexity that comes with it.

Once installed, video systems rarely remain the same. In today's world, surveillance capabilities are expected to change to meet an organization's evolving security needs.

VisioWave IVP was developed with scalability in mind. The platform uses hardware devices ranging from 1 to 28 ports, multiple storage topologies, and common operating software. This enables the deployment of a fully networked digital video architecture for both centralized and distributed installations.

A major challenge of a growing surveillance system is the risk of unreliable video transmission due to bandwidth utilization. Unlike other digital video systems, VisioWave IVP uses a scalable compression technology that excels in managing these environments. By allowing multiple streams from the same camera to be simultaneously transmitted and stored at different rates and resolution combinations, VisioWave IVP offers a flexible solution that maximizes the balance between image quality and bandwidth requirements.

VisioWave Compression Technology



Unlike other digital video systems, VisioWave IVP uses a scalable compression technology that allows multiple streams from the same camera to be simultaneously transmitted and stored at different rates and resolution combinations.

Open platform and development tools for easy integration and network performance

VisioWave IVP open architecture connects you to the world of intelligent video and customized applications.

The VisioWave IVP Operating System: Manage Key System Functions

The core of the highly networked and open VisioWave IVP is the Video Operating System (VOS). Its role is to control multiple hardware and software applications, and provide all key functions of an intelligent video surveillance system including central configuration, video streaming, networked video recording, and integrated image processing. Additionally, the VOS was engineered to allow the exposure of features and functions of the platform through development kits.

Software Development Kit (SDK): For Easy Customization and Integration

The VisioWave IVP Software Development Kit (SDK), consisting of application programming interfaces, allows the integration of the VisioWave IVP video solution into any global security system and offers the freedom to develop customized Graphical User Interfaces (GUI).

VisioWave IVP Open Plug-In Architecture: Because Every Customer Requirement Has Its Own Solution

The VisioWave IVP Plug-in Development Kit (PDK) seamlessly integrates a host of third-party specialized applications to expand the analytical capabilities of your system.

Example of custom user interface

VisioWave IVP Returns Your Investment

Mitigate the risks associated with buying a large-scale digital video surveillance system

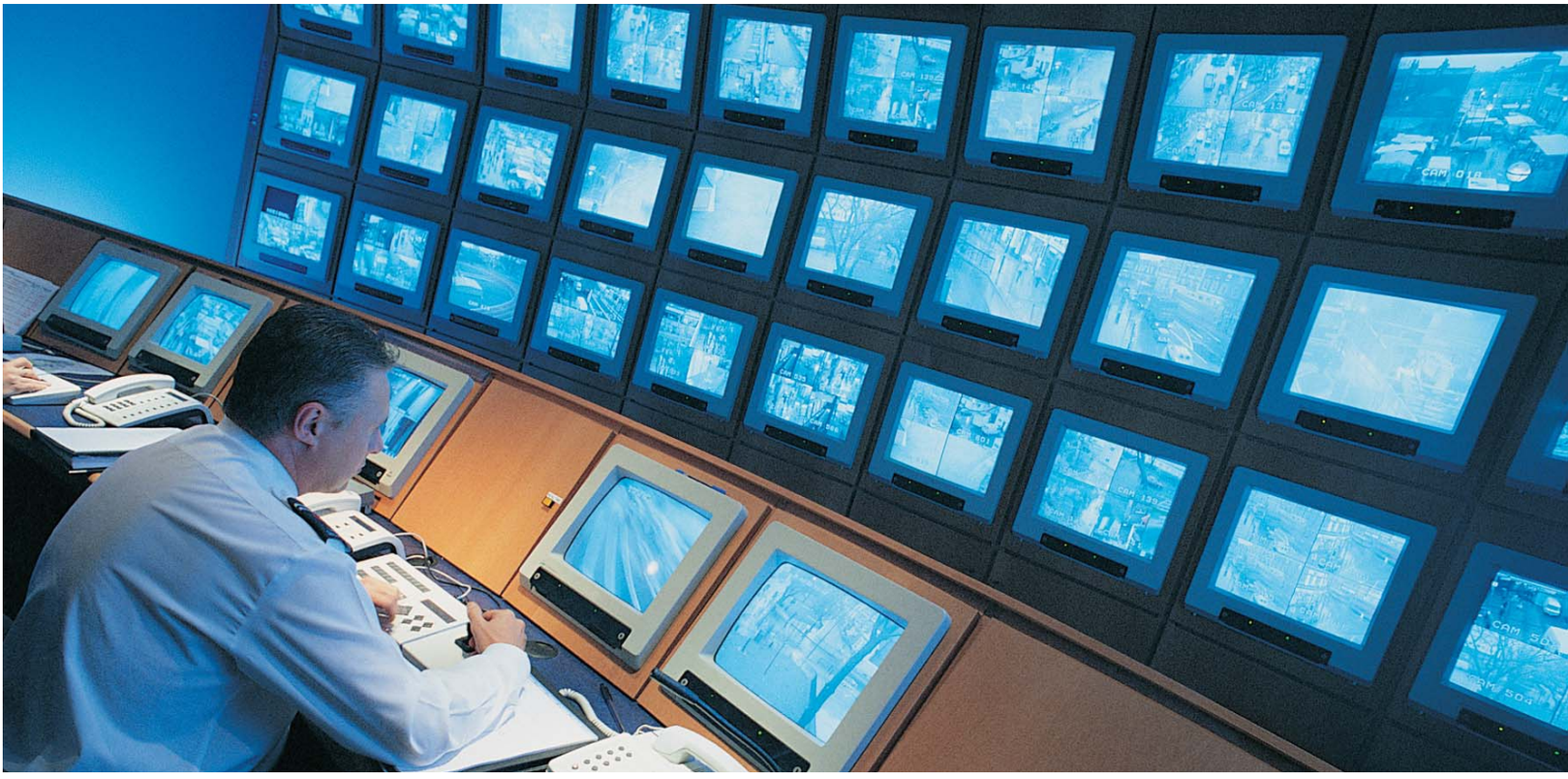
Operator Efficiency and Increased Reliability: Confidence in Ownership

The advent of digital video technologies that utilize advanced network management tools, such as Quality of Service (QoS), provides a unique opportunity to maximize your existing IT infrastructure. Developed with QoS, Ethernet Layer 2 Class of Service (CoS) and Type of Service (ToS) in mind, VisioWave IVP fits seamlessly into your environment, providing a quicker return on investment than existing legacy systems.

VisioWave IVP enables security personnel to make quicker decisions and respond to emergency situations, including disaster recovery. VCA software, system health monitoring, and redundant/hot-swappable devices like power supplies, help to increase reliability, and automate security operations and daily maintenance tasks.

Compare Total Cost of Ownership

- Reuse your existing CCTV infrastructure to speed up project implementation
- Reuse your existing network infrastructure and management tools to maximize IT investments
- Save time and aid in disaster recovery efforts with redundant, hot-swappable devices, and central configuration management
- Provide agents and control room staff more time to protect people and assets by automating security maintenance procedures



At multiple control rooms across the enterprise or around the world, the VisioWave Intelligent Video Platform meets the needs of centralized and distributed installations, leading to improved effectiveness and cost savings.

Market Trends

Better, more effective security to protect people and assets.

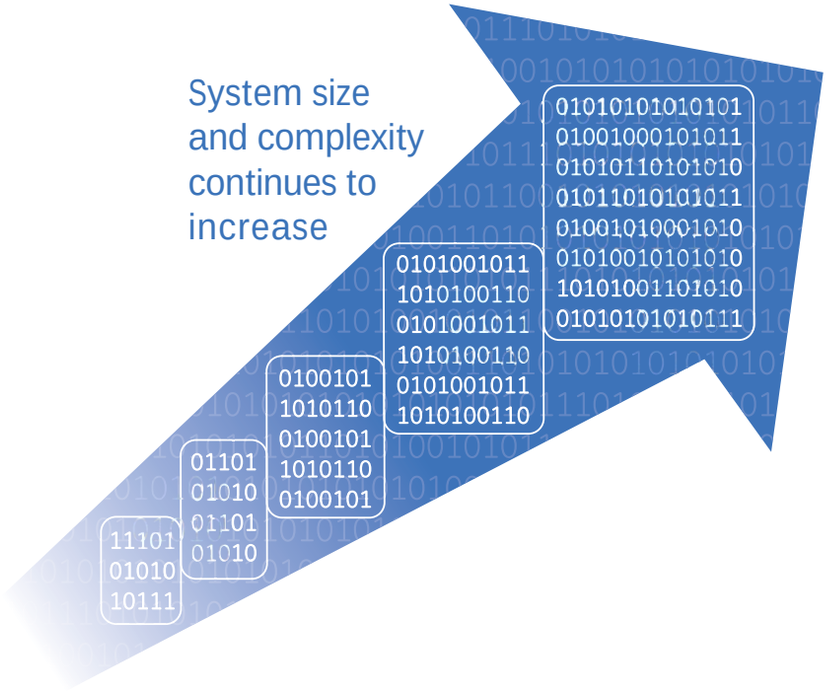
The growing need for protection of people and assets, combined with the strong deterrent effect of video security, is leading organizations and companies to evaluate large investments in next generation intelligent video platforms. This need for more effective video security, and the growing number of high-density camera applications requires these systems be intelligent and autonomous.

Worldwide

- Strong IT influence in convergence
- Increased acceptance of Video Content Analysis
- Fast adoption of new and emerging technologies
- Integration of video surveillance with other security systems

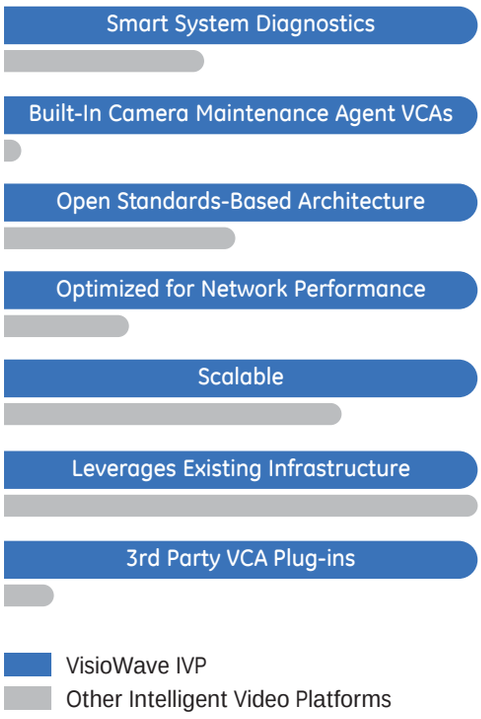
North America

- More installations over IP
- Very large systems on ATM
- Emerging need for higher resolution and real-time recording



Manage the complexity

VisioWave IVP is the most robust, large-scale digital video surveillance solution in the industry



In major metros, VisioWave IVP manages more than 10,000 cameras, monitoring the activities of thousands of commuters daily. And at airports around the world, millions of people pass through the watchful scrutiny of GE's VisioWave IVP.

Security is everyone's business

Whether you're a corporate CEO, a small business owner or the head of a household, security is your business. That's why GE offers so many security solutions to meet the widest range of needs. So no matter what line of business you're in, GE is the smart choice for security.

From home to industry to national security, GE Security covers the full spectrum of security and detection systems solutions, including high-tech video monitoring, web-based surveillance systems, access control, detection of explosives and narcotics, fire alarm and life safety, residential and commercial intrusion detection.

GE Security currently has operations in more than 40 countries worldwide.

For more information about GE Security and our product offerings, please visit www.gesecurity.com

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