

Intelligent video solutions for the big event

From structural integrity to crowd control to terrorist threats, stadium and event directors of public venues have plenty to worry about.

GE's VisioWave Intelligent Video Platform (IVP) leverages smart software, video content analytics and precision-engineered hardware to create a comprehensive surveillance system designed to protect people, property and your critical infrastructure.

The right fit for your large venue application

Whether it is flexible storage requirements, high fault-tolerance or instant access to high quality, full frame rate video, VisioWave IVP accommodates a wide range of high-end surveillance challenges. GE's VisioWave IVP is embedded with advanced Video Content Analysis (VCA) software that analyzes live or recorded video streams, warns of unusual events and alerts you to irregular camera performance, providing security personnel and control room staff more time for critical tasks. In addition to embedded VCA software, the open architecture of the system allows for integration of third party software giving you the option to choose analytics that improve the abilities of your security and surveillance officers.

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.

VisioWave IVP features

- Continuous high quality video streaming
- Designed for optimal networking performance
- Proven scalable to more than 10,000 cameras
- Cost-effective system maintenance
- System health and performance monitoring
- Ability to leverage existing infrastructure
- Inherent Video Content Analysis (VCA), plus ability to run third party analytics
- Integration with other sub-systems through open architecture and APIs
- Standard or customizable user interfaces

Stadiums and Public Venues

The large scale digital video solution to protect attendees, fans, athletes and infrastructure



GE Security

North America
T (561) 998-6100
T 888-GE-SECURITY
888-(437-3287)
F 561 998 6224
E rs-bctinfo@ge.com

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9259-4700
F 61-3-9259-4799

Europe
T 32-2-725-11-20
F 32-2-721-86-13

Latin America
T 305-593-4301
F 305-593-4300

www.gesecurity.com

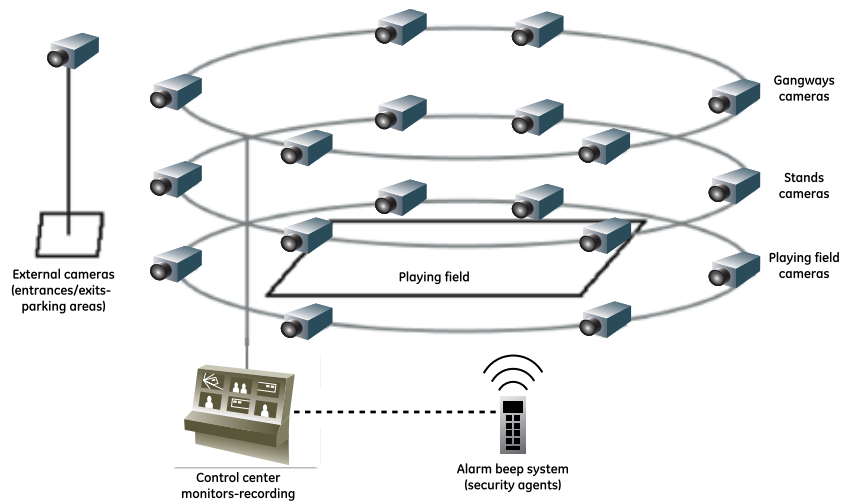
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Smart
Scalable
Open

Key advantages for stadium and public venue applications

- Distributed video surveillance network
- Internal and external surveillance of entrances and exits, parking areas, surrounding streets, field, stands and gangways
- Integrate with other systems or devices used for broadcasting public information
- High resolution, real-time video recording for all cameras
- PTZ Dome camera pre-positioning and recording
- Storage on hard disks for playback
- Display of content and information on analog monitors



VisioWave IVP monitors your system's condition and health, so you don't have to

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

- 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)



Example of custom user interface

For every customer requirement VisioWave IVP offers easy customization and integration

The VisioWave IVP user interface provides robust command and control with comprehensive event management, flexible system configuration, and scalable solutions for any video surveillance application. Where even more customization or integration is desired, the VisioWave IVP Software Development Kit provides access to unlimited options through our open architecture, which is also used by many third-party developers to provide powerful enhancements and useful plug-ins.

