



Innovative Industrial Solutions

Unreal Innovation. Real solutions.

Ominicast IP Video Management System

- Seamless management of video, audio, and data across an IP network
- Flexibility to grow your system one camera at a time, up to thousands of cameras
- Open and distributed architecture offers freedom to design a system that matches your needs
- Affords the opportunity to leverage the power of a distributed architecture

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Innovative Features:



Federation™ — Ominicast's Federation makes city wide surveillance a reality by allowing multiple independent Ominicast systems from numerous organizations to be managed as if it were a single unified system. The Federation™ allows security to transcend organizational and geographic boundaries.

Metadata Engine — The Metadata Engine redefines security data management. Data from multiple sources, such as video analytics, license plate recognition and access control, is collected by the Metadata Engine and indexed to the relevant video/audio sequence(s), enabling intelligent queries and detailed real-time event information.

Failover and Redundancy — Ominicast's failover and redundancy features ensure access to all live and archived data at all times. Failover servers can automatically assume all functions of a failed component while redundant servers continuously record all or only high priority camera feeds.

IP Intercom — Leveraging Ominicast's IP architecture, audio can be transmitted over standard LANs, WANs or even the Internet, through Ominicast's IP Intercom feature. The IP Intercom is an innovative and easy to use audio recording and vocalization tool providing two-way audio communication.

Video Analytics Technologies — Revolutionary video analytics technologies offer users unparalleled intelligence with sophisticated object and human detection and identification capabilities. From abnormal behavior recognition to access tailgating to object left detection, video analytics technologies can be used to generate specific and actionable alarms.

Integrity Safeguards — Ominicast offers multiple security features to safeguard against tampering, interception and distortion of video along with unauthorized access to the system. Technologies employed include 128 bit SSL encryption on all communications as well as an integrated digital signature that uniquely identifies each video frame.



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Live Viewer- Ominicast's Live Viewer serves as the control and monitoring center of your entire video system

Archive Player- Ominicast's Archive Playback offers quick and effective retrieval and playback of all stored video, audio, and data

Config Tool- The Config Tool application provides an intuitive interface that enables users to manage and configure various components of the Ominicast system such as sites, users, archiving schedules, recordings, and various other devices.

Web Client- Ominicast's Web Client application provides unlimited remote access to all live and archived video, audio, and data.

Report Viewer- Offers seven report options, the Report Viewer provides a customizable and easy to use reporting tool ensuring administrators are continually aware of all aspects of their security system.

Packet PC Viewer- Ominicast's Packet PC Viewer provides users with wireless, mobile video.

Map Editor- The Map Editor enables users to create interactive maps through a simple drag-and-drop function allowing users to easily control system functions including PTZ controls and alarms.

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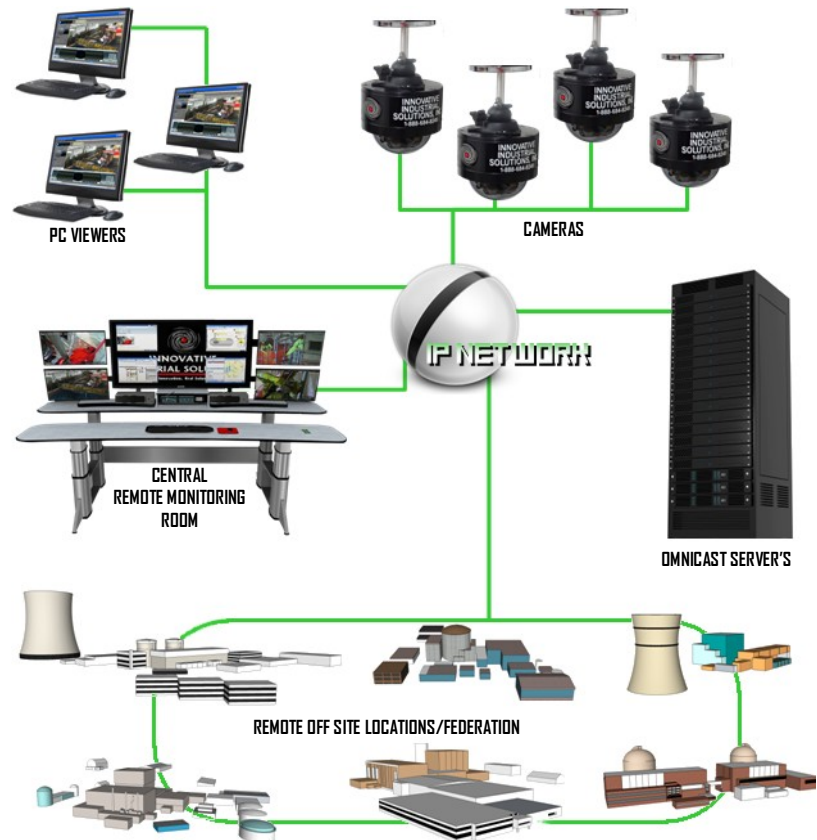
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Display

- Up to 16 simultaneous live cameras displayed per digital monitor
- Unlimited digital monitor support
- Analog video wall support
- Unlimited remote sites managed from one unified interface
- Instant replay capability on any camera
- Digital zoom for clear identification
- Touch screen supported and optimized
- Overlay PTZ Control

Storage

- Distributed archiving allows for unlimited storage
- Archiving performed using standard storage technology
- Multi-Stream technology allows for independence of storage and live displays settings
- Intelligent search capabilities based on meta-data, date/time, events, bookmarks and motion
- Schedules based on sunrise/sunset, meta-data, event, motion

Integration

- Over 30 PTZ control protocols
- Synergis IP Access Control Solution
- IP LPR Solution
- Intellivision Video Analytics Solution
- Major third party access control systems
- Building Automation
- Point of (Sale POS)
- HVAC
- CCTV Matrix Switched and Keyboards
- DVR

Audio

- Full Duplex IP Intercom
- Multiple audio protocols supported

Video

- MPEG-4 / MPEG-2 / MJ PEG compression
- Bandwidth managed from 8 Kbits /s to 10 Mbits /s per camera
- Up to 60 fps per camera
- Resolution from 176 x 120 to multi megapixel
- IP and analog camera support

Transmission

- Video and audio transported over any IP network
- IP Multicast minimizes bandwidth use
- Wireless connectivity over 802.11a/b/g or cellular
- Remote access via DSL, cable, cellular, ISDN, T1 or T3

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