



IP Video Surveillance

**See it all. All the time.**

Omnicast is the IP video management system that enables organizations of all sizes to deploy a surveillance system that can scale and adapt to the changing demands of any security environment.



**Genetec**

Innovative **Solutions**

# Be Secure. Today and Tomorrow.

Omnicast provides you with the flexibility to grow your system and implement new capabilities over time, ensuring you are never locked into a proprietary solution. With fielded deployments of up to 150,000 cameras, and support for an unrestricted number of workstations, its powerful architecture allows you to reliably scale with the assurance that your day-to-day operations will not be disrupted.

## Multi-Task View

Keep multiple tasks open at the same time, allowing operators to see and do more, such as monitor video, search archives, and pull reports.

## Unified Access Control

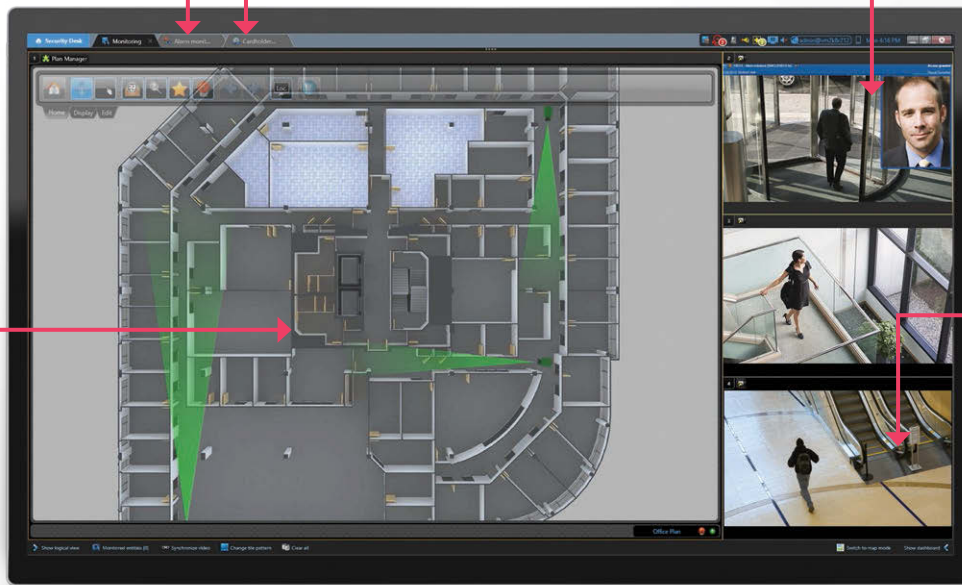
Verify cardholder pictures against live or recorded video associated to access control events for every door within any monitoring or reporting task.

## Dynamic Interactive Maps

Efficiently monitor and manage all your sites with interactive maps that provide a dynamic view of all security devices, alarms, and system statuses.

## Push Live Video from Security Center Mobile

Capture and send live video from smartphones using Security Center Mobile, enabling operators at their workstation to view events from the field.



## Omnicast Benefits

### Deep Integrations with the Hardware of Your Choice

With support for thousands of IP cameras, you can freely select the edge devices of your choice. Omnicast is built with an open architecture that allows you to choose from a broad ecosystem of leading edge device and server partners, and ensures that your investment is not locked into a proprietary solution.

### Manage More Cameras on Your Network

As the industry's leading video management system, Omnicast is deployed in some of the world's largest and most demanding video surveillance applications. An advanced architecture allows you to grow your system whenever required, and highly flexible features help you optimize video streaming and reduce the load on the network.

### Achieve Greater Security Through Unification

Through unification with access control, video analytics, and intrusion systems, Omnicast helps you achieve greater awareness of your security environment. By providing a seamless view of cameras and notifications from additional security systems on the network, Omnicast enables operators to rapidly respond to incidents, and equips them with powerful search and reporting tools to help accelerate their investigations.

# Security that Evolves with You.

As part of Genetec Security Center, the unified security platform, Omnicast allows you to achieve greater security by unifying your video surveillance system with other security and business systems. Leveraging additional capabilities within a single intuitive interface lets you seamlessly control all operations, while also providing users with the power to rapidly respond to emerging situations.



## Omnicast Key Features

### Bandwidth and Storage Management

**Multistreaming** - Efficiently manage bandwidth and storage with the ability to configure up to six different video stream settings per camera; each one serving a specific video usage, such as live monitoring, remote viewing, and recording.

**Dynamic Stream Selection** - Enable Omnicast to automatically switch your video streams from a low to a higher quality resolution based on the size of the video tile, to reduce the load on your network and workstation.

**Edge Recording & Video Trickling** - Use Video Trickle as a flexible method to transfer video stored on edge devices to an archiver based on a schedule or events, limiting the use of bandwidth for streaming to off-peak periods or only when it is required.

### Video You Can Rely On

**Failover and Redundancy** - Count on the availability of your video recordings and access to your cameras whenever you need them with built-in failover and redundancy mechanisms that protect against hardware failure or network interruptions.

**Health Monitoring** - Receive real-time notification of system status and health-related events, and generate statistics on the health of your system through a dedicated engine to help optimize system performance.

**End-to-End Data Security** - Achieve greater security of your sensitive data with secured communications between clients, servers, and edge devices, and the ability to encrypt exported video.

# Choose Software-Only or Pre-Loaded Appliances

## Omnicast Software Packages

Omnicast video management software is available in a variety of packages to fit the size and needs of your security applications. You can easily modify your package with a simple license update as your needs evolve.

PACKAGE OVERVIEW			
	STANDARD	PRO	ENTERPRISE
Maximum Number of Cameras	50	100	Unrestricted
Maximum Numbers of Clients	5	10	Unrestricted
Number of Archivers	1	20	Unrestricted
Plan Manager	●	●	●
Multistreaming Support	●	●	●
Edge Recording & Video Tricking	●	●	●
Remote Security Desk		●	●
Archiver Failover / Redundancy			○
Directory Failover			○
Federation *			○

● Included or Supported    ○ Optional    \* Main Federation server must be Enterprise. Federating sites can be Standard, Pro, or Enterprise.

## Turnkey Network Appliances

The SV series of network appliances allows you to rapidly deploy a turnkey video surveillance system. Powered by Security Center, these appliances ship with pre-installed software and verified hardware configurations to ensure a quick installation. These network appliances are simple to install, configure and maintain, and provide wide support for industry-leading cameras and edge devices.



**SV-16**

Supports up to 16 cameras



**SV-32**

Supports up to 32 cameras



**SV-PRO**

Supports up to 100 cameras

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