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.
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.

**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

Reduce Your Video Hardware Footprint

**Cloud Archives** - This hybrid cloud service enables organizations to transfer archived video recorded on-premises to the cloud, in order to easily increase their available storage capacity, without the need to invest in additional servers.

**GPU-Accelerated Decoding** - Display more cameras and review video with greater fluidity from a single workstation with the ability to leverage graphics cards and embedded graphics processing units (GPU) to rapidly decode high-resolution video.

**Optimized Recording Throughput** - Take advantage of a highly scalable VMS to reduce your on-site hardware, with a solution that has been tested to support up to 700Mbps of total throughput on certified appliances.

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.

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<thead>
<tr>
<th>PACKAGE OVERVIEW</th>
<th>STANDARD</th>
<th>PRO</th>
<th>ENTERPRISE</th>
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<tbody>
<tr>
<td>Maximum Number of Cameras</td>
<td>50</td>
<td>250</td>
<td>Unrestricted</td>
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<tr>
<td>Maximum Numbers of Clients</td>
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<td>10</td>
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<tr>
<td>Number of Archivers</td>
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<td>Plan Manager</td>
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<td>Edge Recording &amp; Archive Transfer</td>
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<td>Directory Failover</td>
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<td>Federation™*</td>
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* Main Federation server must be Enterprise. Federating sites can be Standard, Pro, or Enterprise.

Turnkey Network Security Appliances

Genetec’s network security appliances provide access to certified, turnkey solutions with Security Center pre-installed, allowing you to rapidly deploy your next video surveillance system. These network appliances are simple to install, configure and maintain, and provide wide support for industry-leading cameras and edge devices.

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