

# Canvas



Powerful Collaborative Visualization for  
Operations Management Anywhere



## Contact

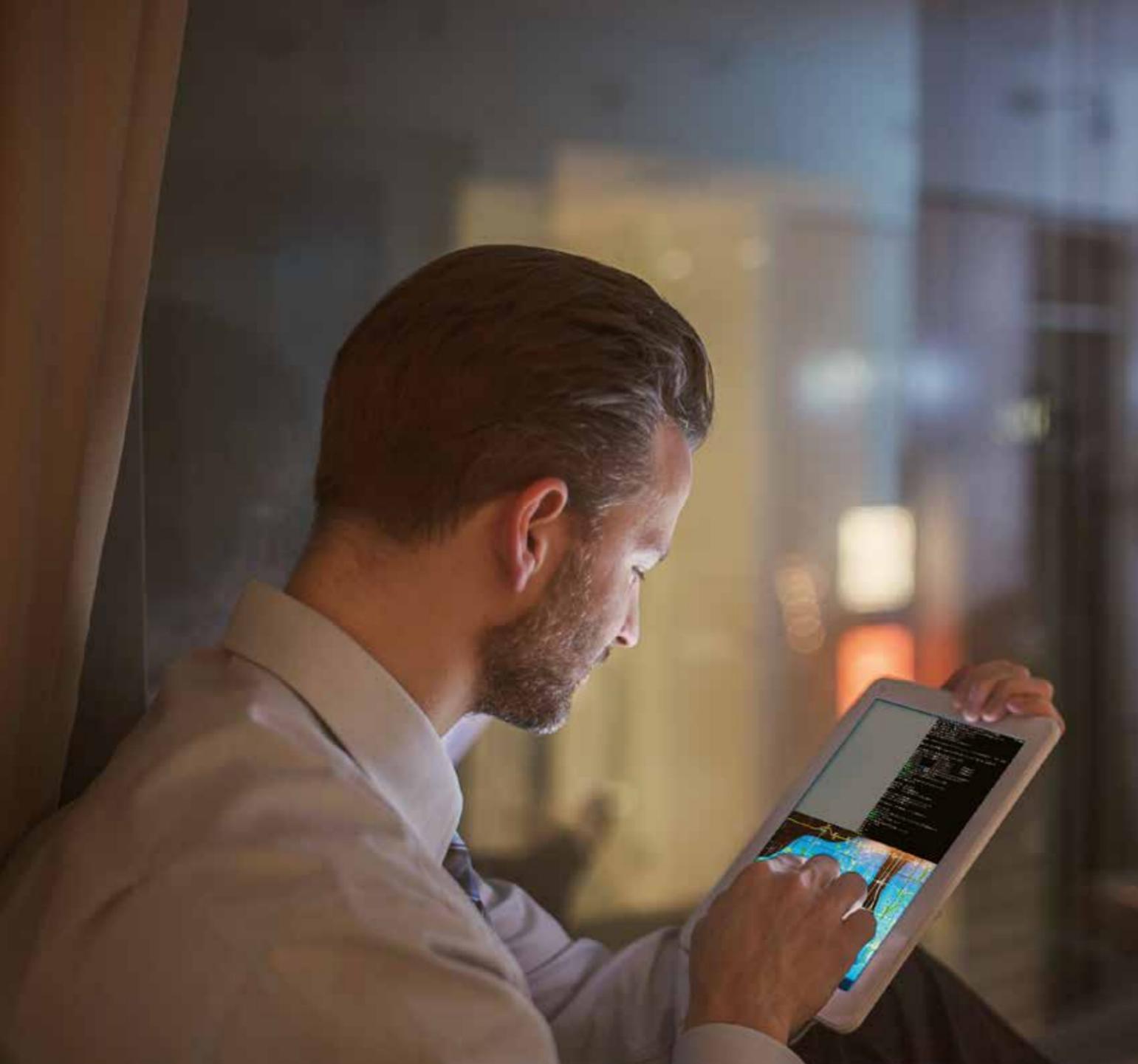


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See and engage every corner of the global enterprise, from anywhere and on any device.

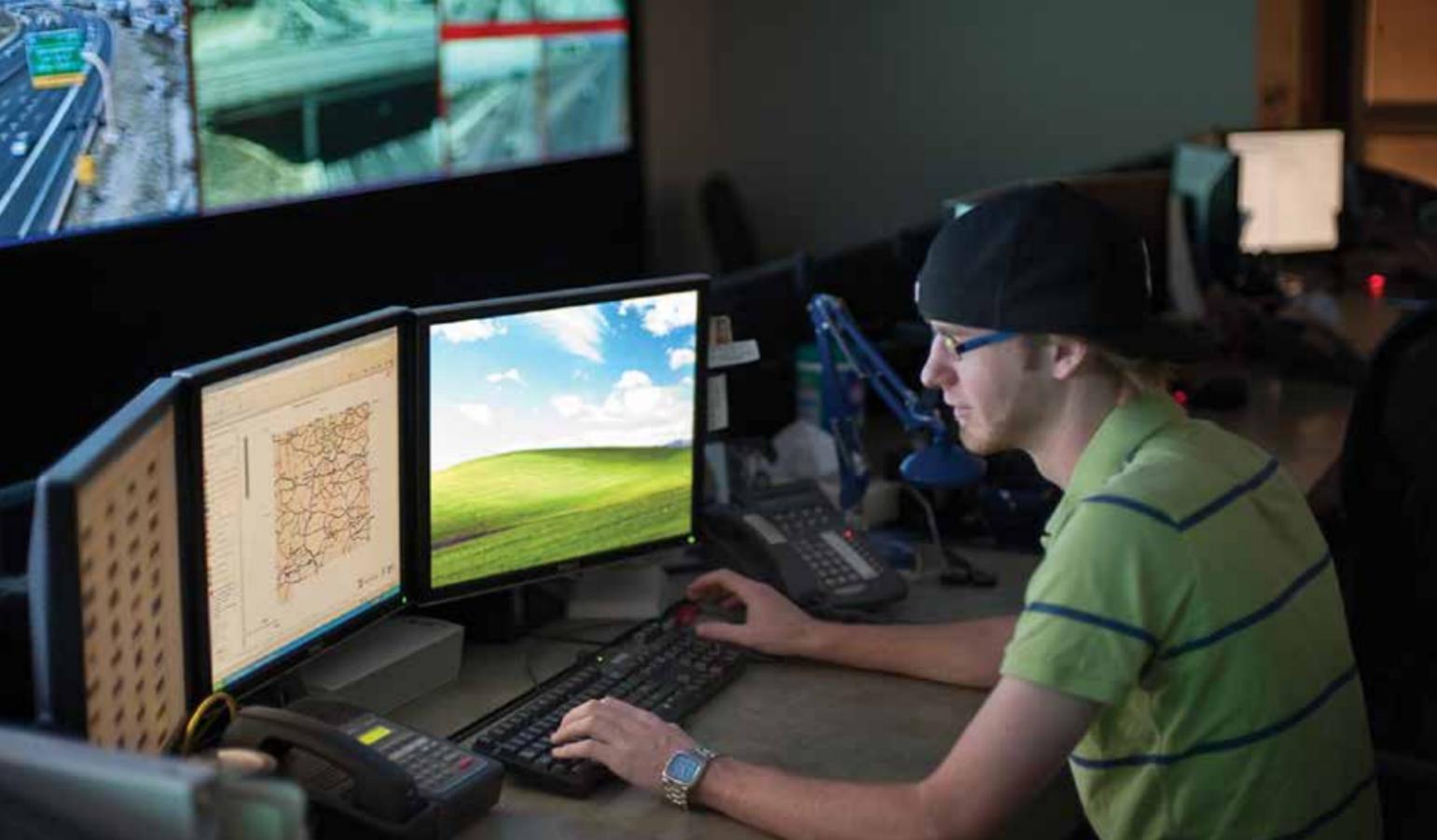
## See Everything. Work Anywhere

Sharing a common operating picture is essential to effective management, but often team members don't work in the same room – or even on the same continent. Canvas delivers real-time video, data, and application screens from across the enterprise and empowers collaboration with team members on their video walls, laptops, and mobile devices anywhere in the world.

With Canvas, smartphones and tablets can also be sources. Point the mobile device camera at anything and share live video with remote colleagues. View the scene in front of you as well as an overlay of information from experts at other sites.

## Catalyst Hardware Integration

Catalyst hardware has a special integration with Canvas that enables both management of the video wall and maintains security. The Canvas platform offers a deep integration with the Catalyst hardware by exposing additional features that no other processor in the world can do. Canvas exposes both hardware and software decoding in the same hardware to reduce the cost of the project while maintaining the crystal clear visual data. Canvas can also expose and automatically send out an SNMP trap for key hardware components likes fan speed, GPU & CPU temperature, chassis temperature and RAID status.



## Airtight Security

Canvas reduces the risk of misuse and inadvertent disclosure of secure content at every step, from user authentication, to object-level security on sources and features, to encryption of transmissions over the mobile network.

- ➔ Supports Windows Single Sign-On (SSO)
- ➔ User permissions are set by the system administrator and managed by Canvas Server
- ➔ Role-based security makes management of large numbers of users and permissions easy and flexible
- ➔ Mobile sources protected using AES and SSL 128/256 encryption with SHA-1 80-bit authentication
- ➔ Object-level security prevents users from inadvertently exposing content to anyone without explicit permission to view it
- ➔ User authentication managed by your Active Directory system or Workgroup protocols

## Canvas Features

Canvas is easy to use with an improved object-based, drag and drop interface and enhanced display wall management features.

- ➔ Supports both Active Directory and Workgroup environments for user authentication
- ➔ Manage applications anywhere with the expanded capabilities of web-based Mimic Touch software
- ➔ Includes the powerful features of ControlPoint for display wall management
- ➔ Easily select streaming sources for sharing, annotate directly on live video and data, and control content from cameras, applications, and the web
- ➔ Drag and drop video and data windows anywhere on the display wall
- ➔ Juxtapose sources in order to get full 360-degree view of ops
- ➔ Save and recall layouts appropriate for specific situations, users, or time of day
- ➔ Improved security and logging features mean all Canvas communication now requires SSL and the Canvas database can now be encrypted

Cost effective and efficient native CPU based decoding with the Catalyst 4K display wall processor.

- ➔ For H.264, simultaneously decode 12 HD streams or 3 UHD streams
- ➔ For H.265, simultaneously decode 2 UHD streams

Canvas ships standard with all Catalyst display wall processors, and replaces ControlPoint.

# End-to-End Collaboration, Evolved

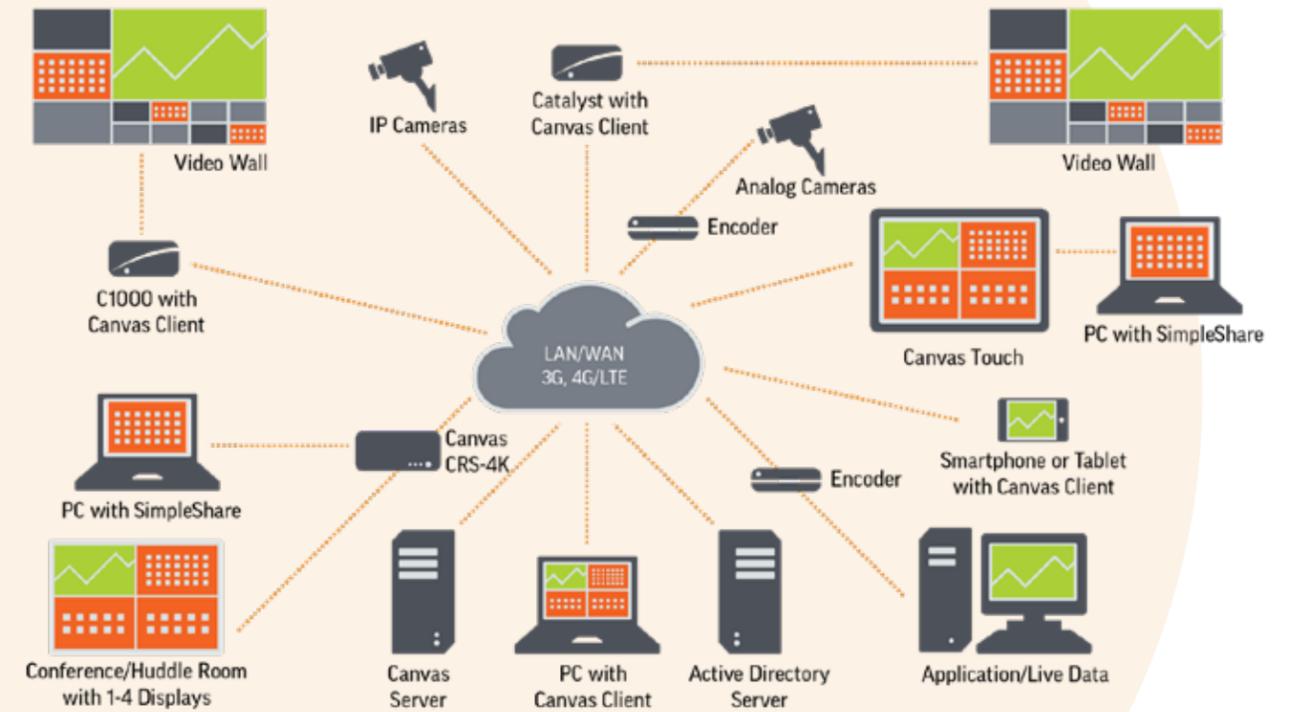
Canvas enables managers to work as effectively with remote colleagues as they would with team members in the same room. Remote users become both a source and destination for information as colleagues share and annotate on live video streams, communicate with voice and text, and collaborate on documents as events unfold.

- ➔ Share live IP video streams, VNC viewer windows, active web browser windows, and desktop presentation screens
- ➔ Draw, type, label, identify, or annotate areas of interest on live video and other sources
- ➔ Create shared whiteboards for brainstorming
- ➔ Share active web windows
- ➔ Collaborate with multiple video walls to ensure operational awareness



# The Canvas System

Canvas is real-time visual intelligence. Users can access and share video, audio and data with colleagues anywhere in the world, on virtually any device. With a rich set of familiar tools, users can collaborate using the latest information in ways that were not previously possible.



# Enterprise Ready

Canvas software is developed specially with deploying in the Enterprise. Features like web based video wall management and administration, Windows based hardware, software only options and SSL encryption make deploying Canvas solutions simple. Canvas reduces the setup and implementation time of projects due to its easy to configure administration page and user interface.

# Specifications\*

## Canvas Client

CPU	PC: Intel Core 2 Duo 2.4GHz or equivalent
System Memory	4G RAM, minimum
Operating System	Supports Windows 7 Pro and above
Languages	English, Simplified Chinese, Traditional Chinese

## Canvas Server

CPU	Intel Xeon 2.4GHz or equivalent
HDD	20GB, minimum
System Memory	4G RAM, minimum
Operating System	Windows 7 32-bit Pro, Windows 7 64-bit Ultimate, Windows Server 2008, Windows Server 2016

## Canvas iOS Client

Operating System	iOS 6.1 or later
Devices	iPhone 4, 4S, 5, 6, 6 Plus or later; iPad 2nd, 3rd, or 4th Gen, Air or later; iPad Mini 1st Gen or later

## Canvas Client

Video Streams	H.264, H.265, H.265, MPEG2, MPEG4, MJPEG
Desktop Streams	VNC (RBF), Encrypted VNC
Web Windows	Browser windows showing websites or web apps
Desktop Presentation Screens	SimpleShare™ windows (only from CRS-4K)

## Network

LAN/WAN	Gigabit Ethernet, TCP/IP
Wireless	Wi-Fi, 4G/LTE

\*Product specifications, terms, and offerings are preliminary and subject to change at any time without notice.



# Compatible Display Wall Processors

Models	CRS-4K	C-Series	FC4500	Catalyst 4K	Catalyst XL
Operating System	Windows 10	Windows 10	Windows 7	Windows 10	Windows 10
CPU	i7	E5 4-Core	Dual E5 6-Core	E5 14-Core	E5 14-Core
RAM (GB)	8	8	Up to 96	Up to 128	Up to 128
Drive Type (GB)	128 SSD	256 SSD	500 HDD/512 SSD	512 SSD	512 SSD
RAID Support	No	No	Yes	Yes	Yes
Audio Support	Yes	Yes	Yes	Yes	Yes
Max Outputs	4	8	96	48 (Display Loop)	48 (Display Loop)
4K Outputs	1	4	0	14	14
Max Video Inputs	0	10	56	56	156
4K Inputs	0	4	20	20	156
Max IP Inputs	8	8	108	50	1950
Software Decoding	8	8	0	12	12

