InFocus

Canvas

Powerful Collaborative
Visualization for Operations
Management Anywhere

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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.

Instant Connection and Access

Users can share streams and collaborate from anywhere in the network: On a display wall, on PCs, and on iOS and Android smartphones and tablets.

On the go, Canvas transforms any device into a portable video wall with instant connection and access to essential business intelligence. Control Canvas from a multitouch web-based interface to share camera feeds, laptop screens, application windows, conversations, audio, and real time data for rapid, well-informed decision making.

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 or 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

New in Canvas 5.0

A major redesign of Canvas makes it even easier to use with an improved object-based, drag and drop interface and enhanced display wall management features.

- Now 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

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

- For H.264, simultaneously decode 8 HD streams or 2 UHD streams
- For H.265, simultaneously decode 8 HD streams or 2 UHD streams

Canvas 5.0 now ships standard with new Catalyst 4K display wall processor, supporting 4K resolution on all outputs

- Available as an upgrade to earlier Fusion Catalyst 1000, 4000, 8000, and 4500 systems
- Canvas 5.0 replaces ControlPoint and previous versions of Canvas

Uniquely Adaptable

Canvas defines flexibility, supporting a broad range of common networks and applications, as well as unique customizations.

- Supports most enterprise LAN and WAN network configurations
- Supports 4G mobile networks
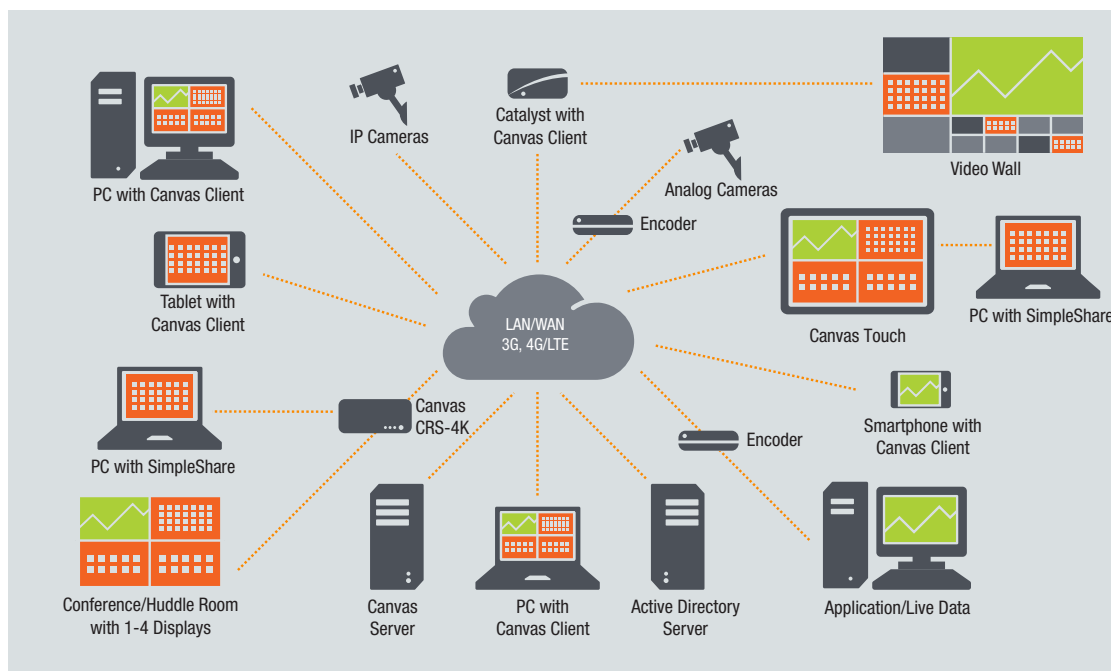- Supports integration with popular UCC platforms & VMS systems

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 H.264, H.265, MPEG2, MPEG4, and MJPEG 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
- All participants working with a canvas share a voice chat room for effective communications
- Escalate to Canvas from Lync or start a Lync conversation from Canvas
- Remote experts with Canvas can connect from SIP conferencing systems to share video and audio

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.

Conference room solutions with Canvas Touch and CRS-4K

Extend your collaborative visualization capabilities to the conference room with Canvas Touch or CRS-4K. Canvas Touch offers a powerful touchscreen interface to collaborate with remote colleagues running Canvas on almost any device, sharing live video, real-time data, application screens, web windows, documents, and presentations. Display up to six simultaneous sources from your Canvas environment, with all of Canvas' rich collaboration tools so users can annotate, whiteboard, and edit documents.

CRS-4K brings collaborative visualization to video walls with as many as four 1080p HD displays or a single 4K Ultra HD display. A small, quiet box, CRS-4K is at home on the conference room table, a shelf, or anywhere else groups meet and collaborate. And with SimpleShare™, anyone with a laptop, even without Canvas installed, can walk into the room and present content to local and remote Canvas participants wirelessly.

Specifications*

Canvas Client	
CPU	PC: Intel Core 2 Duo 2.4GHz or equivalent
System Memory	4G RAM, minimum
Operating System	Windows 7 Pro
Canvas Server	
CPU	Intel Xeon 2.4 GHz or equivalent
HDD	20GB, minimum
System Memory	4GB RAM, minimum
Operating System	Windows 7 32-bit Pro, Windows 7 64-bit Ultimate, Windows Server 2008
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
Supported Sources	
Video Streams	H.264, H.265, H.265 MPEG2 MPEG4 MJPEG, cameras and encoders
Desktop Streams	VNC screen graphics
Web Windows	Browser windows showing websites or web applications
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.

Active Directory and Workgroup

Canvas Server can utilize your Active Directory server or Workgroup environment for user authentication, providing more ways to safeguard system access.

Capacity

The Canvas system will run on most modern enterprise networks. Bandwidth requirements are dependent on number and types of streams. Maximum performance is assured with a dedicated video network and appropriately selected routers and switches.

For more information, please visit infocus.com

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