Jupiter Canvas

Powerful Collaborative Visualization for Operations Management

InFocus

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

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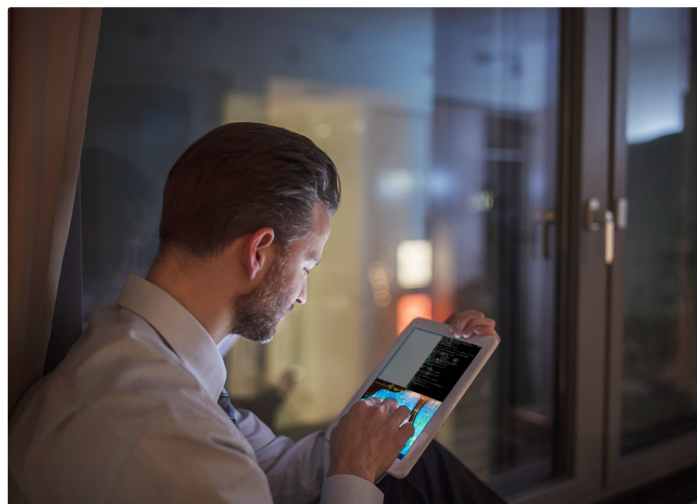
Users can share streams and collaborate from anywhere in the network: on a display wall, on PCs, and on iOS and Android smartphones and tablets.

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.

AV TECHNOLOGY **WINNER** **BEST of SHOW** InfoComm 2016

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

Canvas 5.4 ships standard with the 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 5.4 replaces ControlPoint and previous versions of Canvas

◆ Share active web windows

◆ All participants working with a canvas share a voice chat room for effective communications

Watch The Canvas Video

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

Instant Connection And Access

Canvas transforms your computer, tablet or smartphone into a portable video wall to provide instant connection and access to essential visual information from anywhere. Share camera feeds, web pages, application screens and real time data for rapid, well-informed decision making.

Read how the Colorado DOT uses Canvas to provide continuous video feeds to remote locations for collaboration and disaster mitigation.

Uniquely adaptable

Canvas defines flexibility, supporting a broad range of common networks and applications, as well as unique customizations.
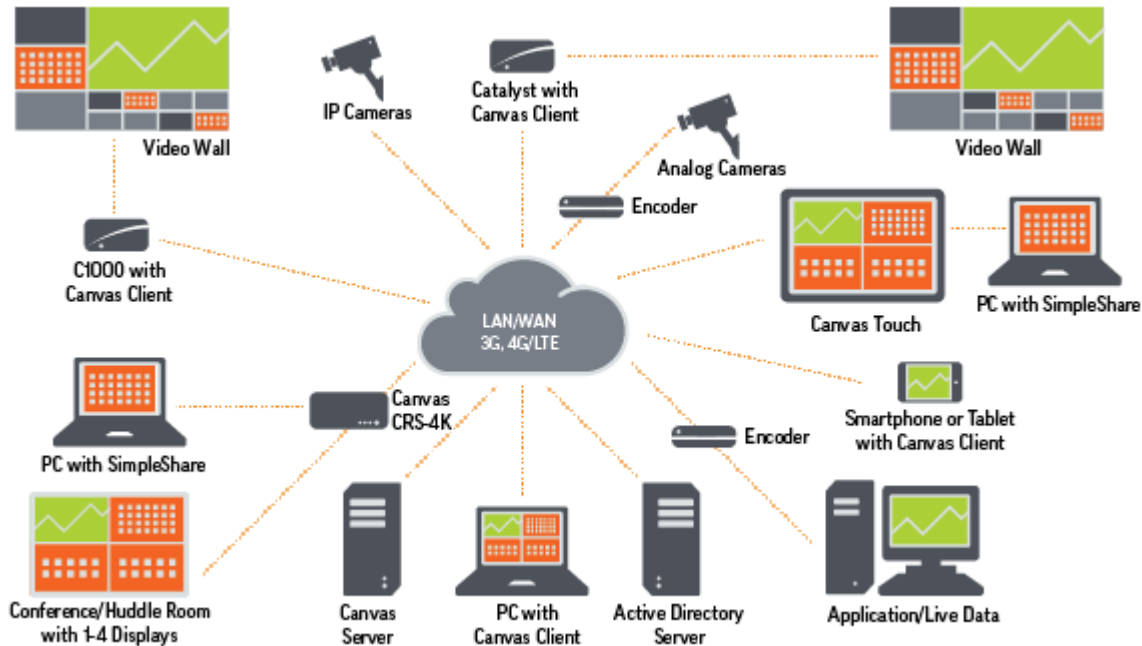
◆ Supports most enterprise LAN and WAN network configurations

◆ Supports 4G mobile networks

◆ Supports integration with popular 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

Details

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.

Requirements and Specifications

Canvas Client

◆ CPU: PC: Intel Core 2 Duo 2.4GHz or equivalent

◆ System Memory: 4GB RAM, minimum

◆ Operating System: Supports Windows 7 Pro and above

Canvas Server

◆ CPU: Intel Xeon 2.4 GHz or equivalent

◆ HDD: 20GB, minimum

◆ System Memory: 4GB RAM, minimum

◆ Supported Operating Systems: Windows 7 32-bit Pro, Windows 7 64-bit Ultimate, Windows Server 2008, Windows Server 2016

Canvas iOS Client

◆ OS: iOS 6.1 or later

◆ Devices: iPhone 4 or later; iPad 2nd Gen or later; iPad Mini 1st Gen or later

Supported Sources

◆ Video Streams: H.264, H.265, MPEG2, MPEG4, MJPEG

◆ Desktop Streams: VNC (RBF), Encrypted VNC

◆ 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