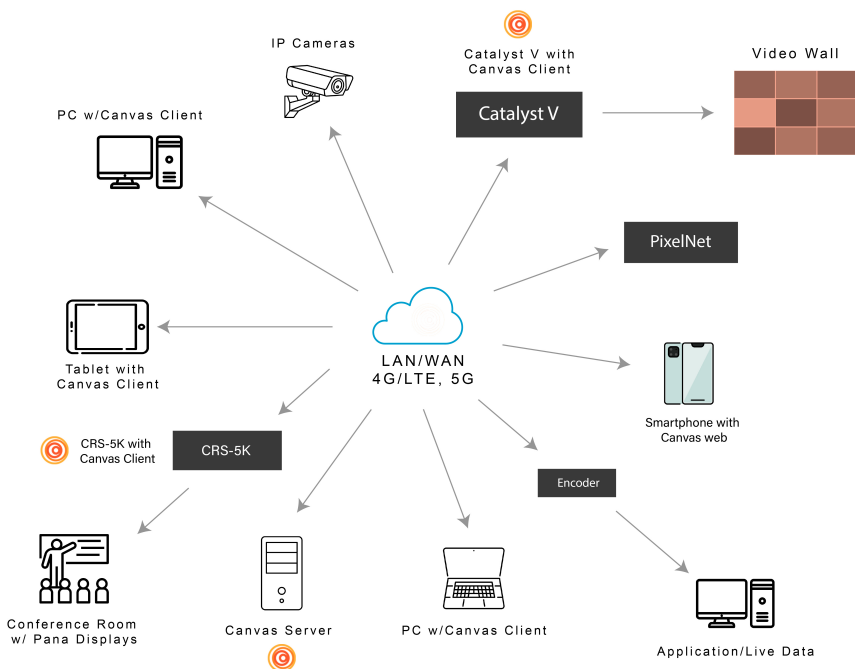# Jupiter | Canvas

Powerful, Collaborative Visualization Software for Operations Management, Anywhere

Created for Catalyst and PixelNet® processors, Canvas is real-time visual intelligence developed specifically for Enterprise deployment.

Features like web-based management and administration, Windows based hardware, software only options and TLS encryptions make deploying Canvas simple to those outside the control center. Likewise, crews in the field can film events happening and introduce live streams into the video wall for the central command location to view.

PC w/Canvas Client

IP Cameras

Catalyst V with Canvas Client

Catalyst V

Video Wall

PixelNet

Tablet with Canvas Client

LAN/WAN 4G/LTE, 5G

Smartphone with Canvas web

CRS-5K with Canvas Client

CRS-5K

Encoder

Conference Room w/ Pana Displays

Canvas Server

PC w/Canvas Client

Application/Live Data

Integration Across Multiple Video Walls

Canvas connects your entire Catalyst and PixelNet processing installations together even when displays exist in separate buildings as in a sprawling campus or on every floor of a skyscraper.

Your investment goes a long way as clients aren't locked to one line of processors. Canvas pulls together multiple processor families allowing you to invest in the system you need today knowing we'll keep you covered and connected through your future expansion.
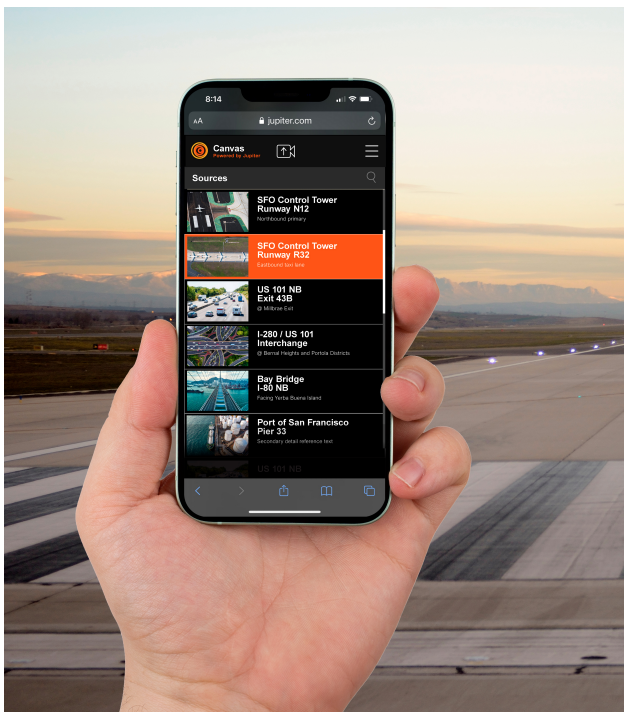
And going mobile!

Canvas web-based platform connects resources in the field and gives them a direct channel to contribute live video feeds when escalating issues require immediate attention.

This allows experts back at headquarters or anywhere in the world to guide technicians in the field during crisis situations.

Or the inverse – allows leadership to exit the confines of HQ and get in the field where they're more effective and still maintain visibility of the whole situation.

Secure from in and out

- Windows Single Sign-On (SSO)TLS 1.2 encryption of data and sources

- User permissions are set by the system administrator and managed by Canvas

- ServerObject-level security prevents users from inadvertently exposing content to anyone without explicit permission

- User authentication and authorization of sources

Cyber security is the cornerstone of Canvas. All encrypted communication integrates with Active Directory for user authentication and uses role-based security schema for object level permissions which prevents users from inadvertently exposing content to anyone without explicit permission to view it.

Our mobile solution works on ethernet, WiFi, 4G and 5G networks and all communication and video are encrypted using a 256-bit key when the signals go out on the public network.