



Video Wall



Cware's Video Wall is a Virtual Matrix solution that is available as a software add-on module for Cware Prime.

Video Wall efficiently manages the administration, viewing, distribution and control of practically unlimited numbers of live cameras and recorded video from multiple servers at multiple sites. Since video data is switched virtually users benefit from increased system resilience without any limitations to future growth. Video Wall provides increased flexibility allowing operators rapid access to the network for real time situational awareness and monitoring of high quality video from single or multiple locations.

Multiple Video Walls can connect to Cware's Multi System Control Center over the network, enabling centralised management, formatting of the displayed layouts and channel selection across multiple independent systems. With Video Wall, CCTV installations are able to easily scale to an almost limitless level while reducing costs in comparison to analogue based systems.

Features

- ▶ Advanced Virtual Matrix solution
- ▶ Improves scalability and reliability
- ▶ High resolution digital quality images, independent of concurrent users
- ▶ View unlimited numbers of camera images on multiple displays
- ▶ Control and command of all video channels from one client
- ▶ Dedicated video wall PC for view of high-resolution video
- ▶ Alarm triggered layouts and video channels.
- ▶ Video Walls systems can be connected together in one system



Technical Specifications

General

- ▶ Simultaneous remote viewing of unlimited number of Cware managed sites
- ▶ User selectable individual connection speed setting per remote site

Video

- ▶ Up to 4CIF@30FPS and up to 15 Mbps per channel
- ▶ Remote site transcoding engine control for low bandwidth connection

Export

- ▶ AVI – To be played with any Windows Media Player, with no software installation as a prerequisite
- ▶ Native – Original recorded stream to be played with a standalone player application with authenticity verification

Audio

- ▶ Full / Half Duplex

Recording and Playback

- ▶ Instant playback from remote site of up to 10 minutes
- ▶ Synchronized / unsynchronized playback of all deployed channels
- ▶ Normal, x2, x4, x8, x16, frame by frame forward and reverse playback
- ▶ Search by channel, time, date, motion and events

Display

- ▶ User selectable system predefined split screen modes:
 - 4:3 - 1, 2x2, 3x3, 4x4, 1+7, 2+8
 - 16:9 - 1, 3x2, 4x3, 5x4, 1+11, 3+18
- ▶ Custom layouts - players, graphics, text, controls etc
- ▶ Display presets for system and custom split screens with assigned channels
- ▶ Auto-hide overlay of capture and recording control
- ▶ Time & date overlay with on/off and position control
- ▶ Multi monitor support
 - Control Center – Unlimited number of detached layouts, typically up to 4 monitors per workstation
 - Video Wall Support - Up to 4 monitors per Video Wall PC, unlimited number of Video Wall PCs

User Management

- ▶ User database with login, password and contact details
- ▶ User profiles with configurable permissions and access settings
- ▶ Dual login option for selected features

Navigation Tools

- ▶ Logical grouping channel tree with filtered views
- ▶ 2.5D Live Video Zoom Maps
- ▶ Image Content Navigation

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