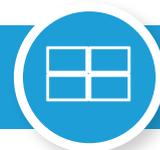# Wavestore integrates...

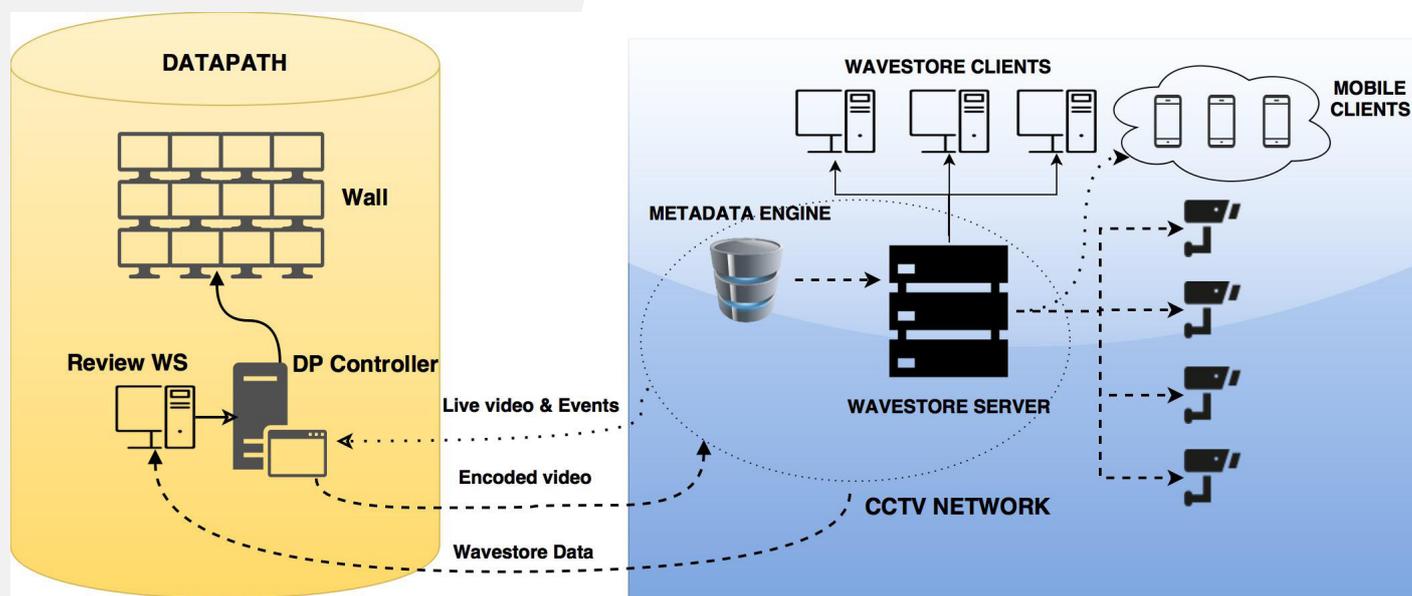## Datapath Video Wall Controller

The integration

Wavestore's integration with Datapath hardware technology delivers a highly scalable and cost effective solution for displaying multiple live IP sources, up to 4k in resolution, across an unrestricted video wall display. User defined video wall layouts can be configured to change on specific alarms or events driven from Wavestore's VMS. Highlighting areas of operator interest, the video wall solution benefits from taking a host of input type combinations in addition to Ethernet, such as servers, SCADA, workstations and broadcast equipment using capture cards. The underlining Windows based video wall controller platform provides users with the ability to display news feeds, maps, information sheets and much more. Video wall sources can also be encoded and made available over the network for Wavestore's VMS viewing and archiving for complete situational awareness.
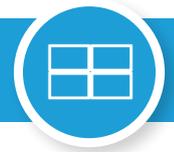

Server side

Wavestore VMS servers and Datapath's video wall controller are connected to each other via the network. In order to facilitate integration between Wavestore and Datapath the 'Datapath Module' needs to be specified from Wavestore at the time of order to enable the integration on the Wavestore VMS server(s). The 'Datapath Module' is compatible with Wavestore's Premium and Enterprise licence levels.

Wavestore integrates...

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Innovation with integrity

Datapath Video Wall Controller

Main Features of the integration

- Compatible with standard computer monitors, reducing the total cost of ownership

- Scalable high frame rate, full fidelity and ultra-high resolution display of live IP video sources across the video wall via Wavestore's VMS

- Capture, display and encode DVI, HDMI, SDI, Composite, Component, VGA and Display Port signals across the video wall using the Vision Capture Card range from Datapath

- Up to 12 x 1080p/30 fps simultaneous video decode density equivalents per ActiveSQX Card with support for 20+ cards per system

- Dynamic video wall layout creation from multiple Wavestore event configurations

- Ability to stream back to Wavestore servers from the video wall to record and store HDMI, DVI, Component, Composite, Display Port, SDI and VGA input sources

- Operators can display images on the video wall independently from that on their own monitors, or duplicate the view they have on their own workstation

- Execute Google maps, SCADA, spreadsheets, video conferencing, web pages and more across an unrestricted video wall

- Datapath ImageDP4 Graphics Cards allow 4 x true HD DisplayPort outputs per card with support for 16 cards per system, providing up to a 64 screen video wall

- High reassurance for hardware and software reliability, dual redundancy, RAID options and quality control

Client side

Wavestore's 'WaveView' client software application can be installed on multiple client machines to access Wavestore server(s) across the entire security solution. WaveView provides complete live monitoring and playback control of cameras and other connected devices, and enables the operator to control what live view layouts are displayed on the video wall. Users are able to collaborative on the shared video independently from their own screen(s). Additionally users are able to duplicate their workstation onto the video wall.

On specific alarm or event, triggered by motion, video analytics or access control for example; the video wall layout can be configured to change to an appropriate view to give a full situational overview of the alarm or event.

WaveView allows the operator to view live video, search for events or manage triggers linked to intrusion events either in real time as they happen or via post-event interrogation. Thanks to the Wavestore's 3-click evidential export function, operators are then able to easily stitch together video from time-synchronised events from one or multiple cameras simultaneously into a variety of file formats, and create a storyboard of events with a sequence of cameras, including virtual PTZ control of 360° fisheye cameras.

Wavestore integrates…

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DATAPATH
EXCELLENCE BY DESIGN

About Wavestore

Wavestore's truly independent open platform Video Management Software (VMS) enables users to achieve maximum return on investment from their security solution by unlocking its full potential.

Sitting at the very heart of a security system, Wavestore combines powerful 'any source' video, audio and recording management with deep integration across multiple technologies from a wide range of third-party technology providers. These include leading camera, video analytics, access control, recording and sensor providers, making it possible for users to effortlessly operate, monitor, control and manage a best-in-breed total security solution – and all from a single screen.

WEBSITE:

wavestore.com

CONTACT:

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About Datapath

Datapath is a privately held company, with a head office in Derby UK, plus sales and support offices in USA, France, Japan and China. Founded in 1982 and now distributing across 5 continents, Datapath has customers in more than 100 countries Worldwide; covering multiple industries such as professional audio and video, military, education, security and health care.

By listening carefully to customers, continuous improvement, and putting quality first; "Excellence by Design" describes the philosophy of Datapath, and over the years this reputation has attracted many major blue-chip companies and institutions to use our expertise as the best way to solve their specialised display problems.

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For further information, please visit the 'Technology Partner' section of Wavestore.com

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Version 1

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