DATAPATH
EXCELLENCE BY DESIGN

SQX COMPATIBLE
WALL CONTROL SOFTWARE
Advanced Video Display Technology

+ SCALABLE DECODING SOLUTION

Video to be displayed on large scale video walls can be sourced from many different places. Datapath's SQX cards offer users the ability to capture video and encode it into H.264 ready for streaming or storage. The encoded video to be received, decoded and displayed on small to large scale video walls.

WallControl-SQX provides users with the interface required to manage traditional input sources as well as multiple IP streams and local applications. Users are able to place any input source on any part of the

Video Wall using a simple drag and drop operation. Scale, crop and rotate individual instances of each source to ensure that what you want to see is where you want to see it.

The advent of SQX technology and the ActiveSQX dedicated decoding card, means that through WallControl-SQX users are able to manage a multitude of simultaneous IP sources using multiple ActiveSQX and the on-board system processors.

+ SIMPLE TO USE VIDEO WALL SOFTWARE

The WallControl-SQX software is an easy to use interface that automatically provides users fast access to Vision input capture channels, configured IP camera sources and applications. Operators are able to drag and drop any available piece of content onto any location on the wall and resize and position it at will. Users can place multiple instances of the same video

onto the wall each displayed at a different location and at a different resolution. As content is placed onto the wall layout files can be created for instant access later on. In addition carousels can be created to allow the cycling of Vision input windows or IP source windows define sequence order, timing and missing source behaviour.

SQX
Streaming Technology
By
DATAPATH
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Engineering the world's best visual solutions

+ APPLICATION SUPPORT

Common Microsoft Windows applications can be added to WallControl-SQX to allow programs windows to be placed on the wall. A Datapath picture viewer, video player and Internet Explorer are provided pre-installed. WallControl-SQX is compatible with Microsoft Word, Excel, PowerPoint, Adobe Reader, VLC and many more*.
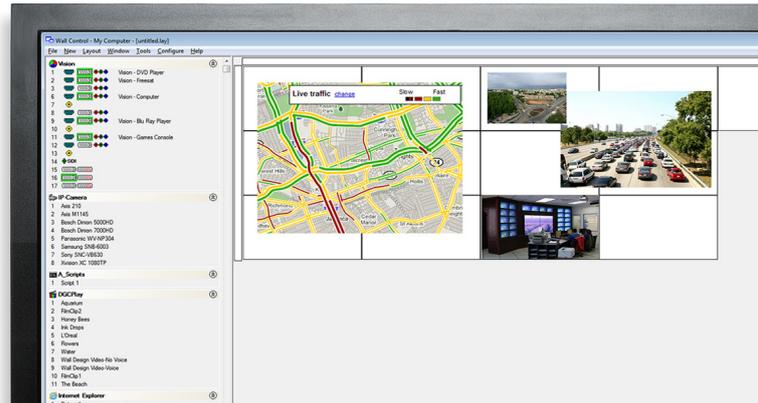
* *Minimum requirement for application support is for the application to run in it's own window. Datapath cannot guarantee 3rd party application behaviour.*

+ WALL MONITOR

Datapath's Wall Monitor application is included with WallControl-SQX. Wall Monitor provides real time monitoring of the temperatures and voltages within the system. The application will alert operators of any system issue via alarm, on screen display or e-mail. Should limits be reached, Wall Monitor will ensure that the system shuts down safely before any damage to the processors or cards can occur.

+ MODELS AVAILABLE

Order Code: Wall Control SQX
Software for managing Video Walls multiple IP Streams.

+ SYSTEM REQUIREMENTS

Download Wall Control SQX from the Datapath Website www.datapath.co.uk.

Wall Control SQX is supported by Windows Vista, Windows 7, Windows Server 2012. (32 & 64 bit).

+ LANGUAGES

WallControl-SQX software is available in English, French, German, Russian, Spanish, Portuguese, Dutch, Polish, Chinese & Japanese.

+ SPECIFICATIONS

Decode Support	H.264 Mpeg4 (Part 10 AVC), Mpeg4 Part 2 & MJPEG
Internet Protocol	IPv4, IPv6
De-Interlacing	Supported
Streaming Protocols	HTTP, RTSP,& MPEG2-TS support Multicast & Unicast
Decode Density*	3 x 3840x2160 @ 30Hz 6 x 1920x1080p @ 60Hz / 12 @ 30Hz or 50 x D1 Resolution decodes
OS Support	Windows Vista / 7 / 8 / 8.1 Windows server 2003 / 2008 / 2012. 32 & 64bit/

* The amount of processing power available in a system and therefore the number of simultaneous streams that can be decoded are dependent on a number of factors including any additional applications running on the system. These figures assume an Intel Corei7 system with no other active applications running. Wall Control SQX will not allow the decoding of new streams if the processor activity is beyond 80%.

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