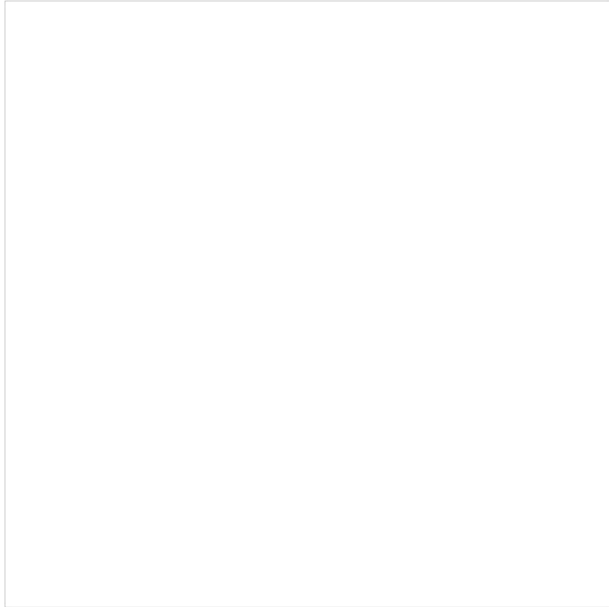


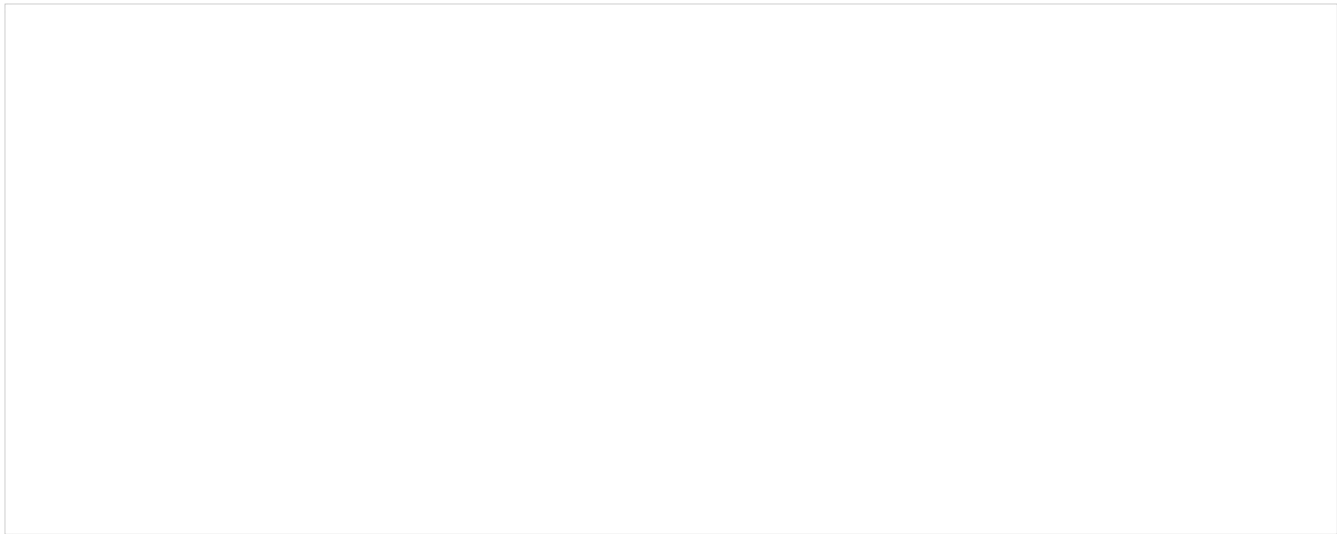
TV Wall Server 1

Software TV Wall



- Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016

****Solution Diagram****



Specifications

Product Profile

Product Type	Software TV Wall
Description	TV Wall Server for CMS 2.0. In a video surveillance deployment, especially with hundreds or thousands of cameras monitoring vast areas, it is ideal for the control center to employ a TV Wall display system. ACTi TV Wall offers the control center with excellent overview monitoring and provides high video quality with finest details. With the help of ACTi TV Wall, the system operator no longer needs to scale down video resolution or switch between layouts on one screen. ACTi TV Wall enables multiple views to be displayed on different monitors at the same time, supporting up to unlimited channels. ACTi TV Wall helps drive higher operational efficiency and does not let any critical moment go out of sight.

Hardware

Recommended Graphics Card	GTX 1650 or better
System Requirements	CPU: Intel Core i7 or better RAM: 16GB or better Graphics Card or GPU: Intel, AMD or NVIDIA

Local Display performance	1 monitor: recommended total up to 64 channels (720P/15fps, 480P/15fps), 53 channels (720P/30fps), 43 channels (1080P/15fps), 23 channels (1080P/30fps)
	2 monitors: recommended total up to 128 channels (720P/15fps, 480P/15fps), 106 channels (720P/30fps), 86 channels (1080P/15fps), 46 channels (1080P/30fps)
	(PC hardware requirements for testing result listed above: i7-8700K CPU, 16G RAM, GTX 1050Ti Graphic card)
	1 monitor: recommended total up to 42 channels (720P/15fps, 480P/15fps), 36 channels (720P/30fps), 41 channels (1080P/15fps), 23 channels (1080P/30fps)
	2 monitors: recommended total up to 84 channels (720P/15fps, 480P/15fps), 70 channels (720P/30fps), 82 channels (1080P/15fps), 46 channels (1080P/30fps)
	(PC hardware requirements for testing result listed above: i7-7700K CPU, 16G RAM, GTX 1050Ti Graphic card)
	*The performance was tested on the camera settings: H.264 3Mbps
	*Recommended one monitor per graphic card and up to two graphic cards per TV Wall Server
	*Recommended one monitor per graphic card via HDMI/DVI/DP, maximum two graphic cards per TV Wall Server
	*The display performance may vary depending on camera settings, the number of channels, current layout, CPU performance and internet infrastructure

Map

e-Map	Yes
Google Map	Yes

Video

Hardware Accelerated Decoding	H.264, H.265
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Network

Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
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Search & Playback

Playback Control	Continuous forward and backward playback with speeds (1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256) or frame-by-frame, pause, stop
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System

Watchdog	Support
Server Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016
Client PC Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016

Integration

Third-party Integration	Point of Sale (POS), Access Control, Network I/O, Parking Management Station (PMS)
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Ordering Information

LTVW1000	The license is for TV Wall Server 1. One license is required per TV Wall Server 1. The TV Wall system enables multiple screens to display up to 64 channels from NVR server through CMS 2 server.
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