



# W VisualWall

## VW7X-RPSU

PC Based High Performance  
Videowall Controller





VW7X-RPSU is a control room solution which is designed for 24/7 operation. It is suitable for mission critical control rooms such as defence applications, logistic operations, security control and various other control and command installations. Thanks to its PC based structure it is very flexible for different type of sources and displays.

#### Features

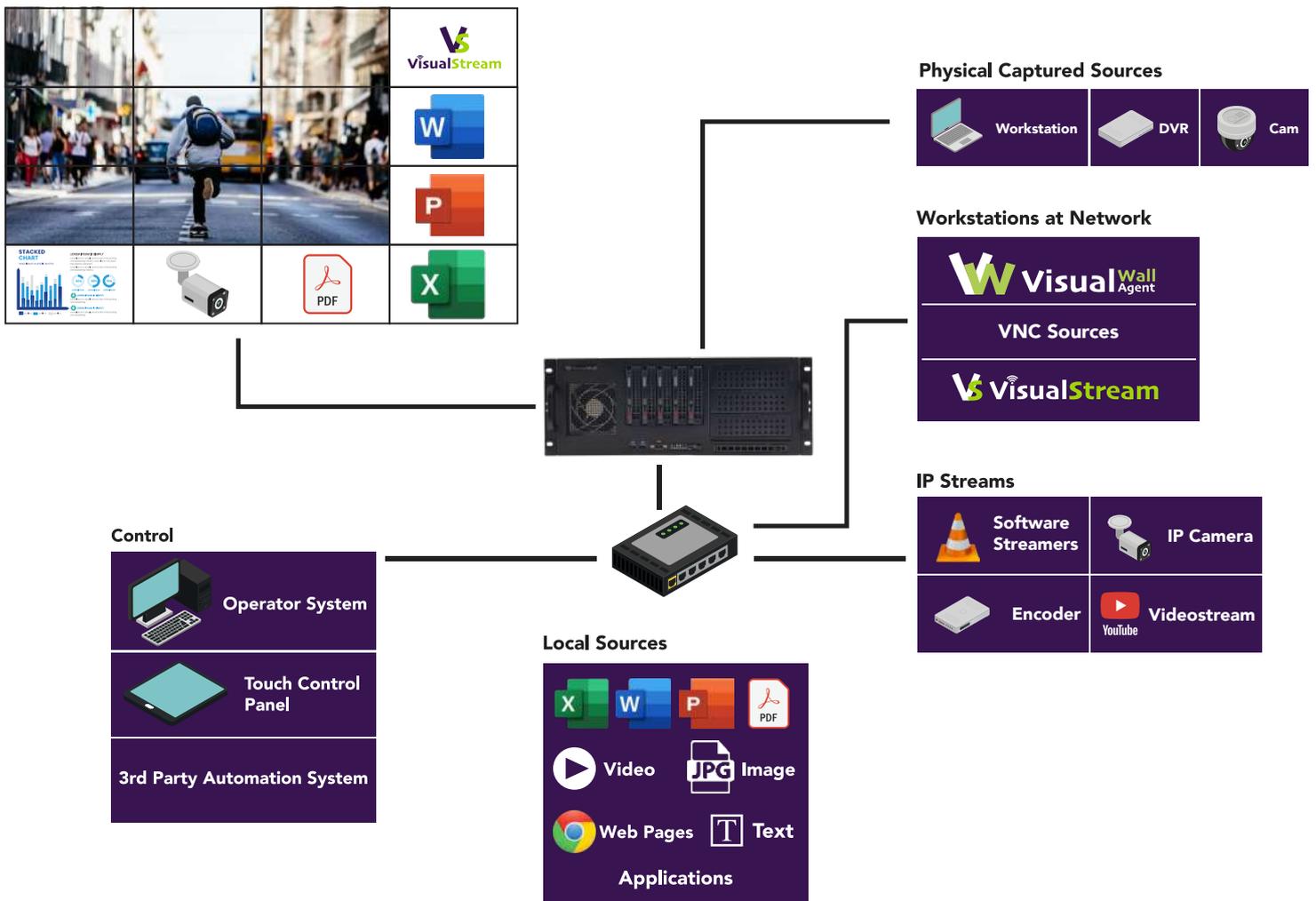
- Intel Xeon Silver Processor 3.2 GHz CPU.
- Dual Ethernet Port.
- 2x 240GB SSD with RAID configuration.
- 4 PCI-E 3.0 x16, 3 PCI-E 3.0 x8 (in x16 slot) slots system backplane.
- Supports third party automation control.
- 800W Redundant power supply.
- 4U rack mountable size.



<b>Hardware</b>	
CPU	Intel Xeon Silver Processor 3.2 GHz
Memory	32 GB RAM
Disk Storage	2x 240 GB SSD RAID
Network	1 RJ45 Gigabit Ethernet LAN ports 1 RJ45 10GBase-T ports
System backplane	4 PCI-E 3.0 x16 3 PCI-E 3.0 x8 (in x16 slot)
Operating System	2 Windows 10 PRO 64 bit
USB	2 USB 2.0 port (front panel) 4 USB 3.1 Gen1 port (rear panel) 2 USB 3.1 Gen2 port (rear panel 1 type C; 1 type A)
Audio	MIC In/Line In ; Line Out/ SPDIF Out
<b>Outputs</b>	
Graphics card	4ch Graphic cards Max resolution: 3840 x 2160 60Hz 4:4:4 Up to 96 HD displays (depends on requested physical inputs)
<b>Inputs</b>	
Captura Card Options	Dual HDMI 2.0 4K 60Hz 4:4:4 Capture CardOut Quad 3G-SDI Capture Card Quad HDMI Capture Card Hexa CVBS Capture Card Decoding Card Up to 1x4096x2160 @ 60fps / 3x4096x2160p @ 30fps or 6x1920x1080p @ 60fps / 12 x 1080p @ 30 fps or 10 x 1080i @ 30fps / 50+ D1 @ 30 fps
<b>General specifications</b>	
Dimensions	4U 19" Rackmount
Weight	20kg - 25kg
Power supply	800W 100-240VAC Redundant Power Supply
Temperature	0°C - 35°C
Humidity	%10-%90 non-condensing
Certification	CE



## Diagram



## Applications



Control Room



Crisis Room



Security Operation Center



Network Operation Center



Situation Center



Corporate AV Network

## Companion Products

### IP Encoding



EGE-HDMIP-404



EGE-HDMIP-901

### HDMI Extension



EGE-UHD-HDB-EXTLA



EGE-UHD-HDB-KVM



HDMI Fiber AOC Cables



EGE-FO301

### HDMI Distribution



EGE-SP114-4K6



EGE-SP118-4K6



EGE-SP116-4K6

### Over IP KVM Extension



EGE-UHD-EXTIP-KVM



EGE-UHD-EXTIP-CONBX

