

## Control Room Solutions

For pristine-quality visualization in mission-critical environments.



### An Immersive Viewing Experience

Samsung and VuWall come together to offer a video wall solution with flexibility and versatility, designed for the unique demands of mission-critical control room environments.

- 24/7 Operations
- Interoperable Hybrid Technology
- Local Pre- and Post-Sales Support

## Samsung and VuWall Solutions

For security operations, utilities, traffic surveillance and network operation centers



**Peace of mind**  
Trusted technologies



**Simplicity**  
Control room solutions-in-a-box



**Scalability**  
Grow with evolving needs



**Quality**  
Maintain source-to-glass pixel integrity



**Flexibility**  
Mix AV, IP and IT sources on any display technology



**Local Support**  
Sales, conceptual drawings and bid specifications

### Optimized for military & defence, public safety, transportation and security environments

Samsung and VuWall provide impressive picture quality and exceptional visualization experiences from any source to any display.

## Samsung Display Solutions

Samsung's comprehensive line-up of professional displays are built for the control room. From large-scale LED signage and video walls visible to the entire room, to QLED 8K signage that shows incredible details and even ultra-wide, high resolution monitors, teams will have the technology to get the job done.

### LED - The Wall

- MicroLED 0.84mm, 1.2mm & 1.6mm
- Infinity design: slim, bezel-less design
- Black Seal Technology for intense contrast and immaculate detail
- Pristine, precise colours
- TUV Eye-Safe certification
- EMC Class B
- Off-board power
- Signal and power redundancy
- Quantum HDR for optimized brightness/contrast ratio
- Modular form factor
- Convenient mobile calibration
- Front access for servicing



### LCD - Video Wall Displays

- Razor-thin 0.44mm even bezel design delivers one immersive, seamless image
- Adaptable slender design
- View content from any angle
- Vibrant images in any light
- Image enhancement
- Comprehensive factory calibration
- Convenient mobile calibration



### Monitors

- Ultra wide screen supporting a number of open windows without scroll or zoom
- Seamless multi-tasking allowing staff to work on more documents and applications simultaneously
- Multi-tasking features: PIP, PBP & easy setting box
- Greater viewing comfort with industry leading 1000R curvature
- USB type-C ports
- Easy to control two devices with KVM switch



## VuWall Video Wall Control Systems

VuWall provides solutions for the most effective distribution of visual information from any source to any type of display or video wall. VuWall's ecosystem of interoperable products increase productivity with power and ease of use, enabling control room operators to focus on their mission and not on the technology.

### VuScape Video Wall Controllers

**VuWall video wall control systems powering Samsung displays for advanced video wall management.**

High-performance video wall processor ideal for small or large video wall deployments. Easily control and distribute all content sources to any display on your network with the utmost flexibility and full-featured management software.



- Power up to 96 displays with a single controller
- Capture up to 40x 4K sources with a single controller
- Mix baseband and IP sources on the same controller (Multiple 4K HDMI/Display Port inputs)
- Display up to 160 HD IP streams simultaneously
- Decoding of IP streams through hardware up to 4K
- Display an unlimited number of windows per screen
- NVIDIA Quadro GPU with 3D Acceleration available
- Encoding of HDMI inputs or of the video wall up to 4K
- Single chassis solution for a simplified deployment
- 24-bit true color image processing at full frame rate
- Support for standard Windows applications
- Dependable for 24/7 mission-critical operations
- Powered by VuTrex™ technology

[LEARN MORE](#)

### TRx Video Wall Management

**Centralized Multi-Video Wall Management Software**

Innovative centralized management platform for configuring and operating multiple video walls, multi-viewers, encoders, and decoders. Simplify the deployment of complex AV-over-IP projects with easy drag-and-drop operations and without the need for any programming.



**Interoperable**  
Multi-brand & multi-format compatibility



**Ease of Use**  
Easy drag & drop operations



**Reduced Risk**  
No programming required



**Flexible & Scalable**  
Expand easily with growing needs

[LEARN MORE](#)

## Control Room Solutions

For pristine-quality visualization in mission-critical environments.

successfully completed diverse projects. With the aim of global leadership in various sectors including shipbuilding, machinery & electric systems.



### Scenario 1

#### VuWall VuScape VS10

- VESA Mount
- 4x 4K outputs
- Decode up to 16x HD or 2x 4K IP Streams

#### Video Wall Controller

### Scenario 2

#### VuWall VuScape VS280

- Rackmount 4RU
- 24x 4K inputs -16x 4K outputs
- Decode up to 96x HD or 24x 4K IP Streams

### Scenario 3

#### VuWall VuScape VS640

- Rackmount 4RU
- 24x 4K inputs -32x 4K outputs
- Decode up to 192x HD or 48x 4K IP Streams

#### Display Solution

#### Samsung LCD

- 2 x 2 VH55R-R
- 0,44 mm bezel
- 2,42 m x 1,36 m

#### Samsung The Wall

- 3 x 3 IW012A
- No bezel, 1,26 mm PP
- 2,49 m x 1,36 m

#### Samsung The Wall

- 6 x 3 IW012A
- No bezel, 1,26 mm PP
- 4,84 m x 1,36 m

#### Monitor Suggestion

#### Samsung F24T45

- 24" flat IPS FHD monitor
- 3-borderless design
- Eye-saver, flicker free

#### Samsung S34A65U

- 34" 3440x1440 monitor
- Curved viewing comfort
- Eye-saver, flicker free

#### Samsung S95UA

- 49" 5120x1440 monitor
- Curved viewing comfort
- Eye-saver, flicker free

**NOTE:** In addition to the popular configurations above, display sizes and technologies can be tailored to your specific requirements. Contact your Samsung or VuWall representative to discuss more options.

Samsung Electronics UK Ltd.

Samsung House, 2000 Hillswood Drive, Chertsey, Surrey  
KT160PS, United Kingdom  
[www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)  
[k.rasmussen@samsung.com](mailto:k.rasmussen@samsung.com)

For more information about Samsung Display Solutions, please visit  
<https://displaysolutions.samsung.com/industries/control-room>

VuWall Technology GmbH

European Headquarters  
Lustnauer Strasse 78  
72127 Kusterdingen, Germany  
[www.vuwall.com](http://www.vuwall.com)  
[sales@vuwall.com](mailto:sales@vuwall.com)

**VuWall**