

Userful Network Video Wall

The Useful Network Video Wall leverages industry standard hardware and a single core i7 PC/server to simultaneously deliver multiple, dynamic video walls that scale up to 25 displays with extreme value and simplicity. A simple web application enables drag 'n' drop configuration for standard grid or artistic video wall layouts with support for any angle rotation of individual displays as well as arbitrary placement of displays anywhere on the canvas.

Userful Network Video Wall supports interactive and non-interactive content including 4k/UHD video, HTML5 at up to 6k, static images up to 16k and even 3D content delivered in real-time.

Cost-Effective Standard Hardware

- No need for an expensive proprietary server
- Power up to 25 displays from a single standard Intel Core i7 Haswell PC (or later)
- Use any display, or mix of displays, for your video wall
- Support several video walls at once, or support multiple additional digital signs or touch screens

Stunning Display

- Run a variety of applications on multiple displays ranging from a full desktop or browser to native 4k video, HTML5, Flash at 4k, and even 3D content
- Quickly make configuration changes using any browser (including a smartphone or tablet)
- Set-up and configure video wall in minutes with intuitive, browser-based video wall builder
- Integrates with 3rd party CMS solutions, including Rise Vision, a full-featured and free cloud-based content management system.

Network Delivered

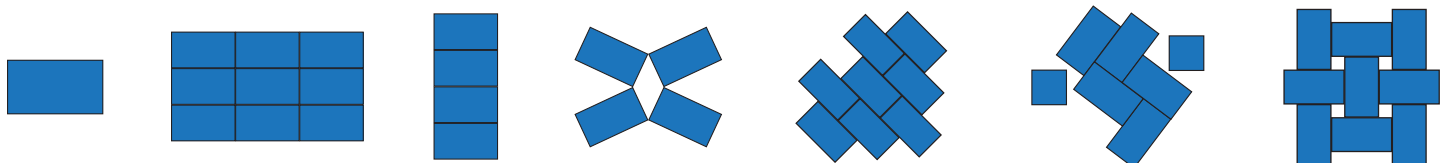
- Video wall displays are connected to the server through a gigabit Ethernet network
- All displays are connected via a small, low-cost, fanless zero client player device
- The server can be securely located anywhere in the building, including the server room
- A single server can support multiple video walls with up to 25 screens total, anywhere in a building








Specifications

SOURCE MAXIMUM RESOLUTION	<ul style="list-style-type: none"> For Intel Core i7 (Haswell): 4k video (4096x4096 pixels), 6k HTML5, up to 16k still images As 8k GPUs become available, the architecture will gracefully scale to 8k source content
CONTENT	<p>Wide variety of real-time input sources (no content re-processing required) including:</p> <ul style="list-style-type: none"> Video (FLAC, AAC, h.264, DV, MPEG2, Theora, Vorbis, VPX, XviD) Containers (AVI, ASF, MKV, MPG, MP4, OGV, MOV) HDMI capture card 1080p or 4k, streaming content and Flash and Web GL
SCALABILITY	<ul style="list-style-type: none"> Up to 25 displays (from a single server)
SETUP	<ul style="list-style-type: none"> Simple network zero client player attached to each screen Intuitive drag and drop GUI interface accessible from any mobile device Gigabit network required
SERVER LOCATION	<ul style="list-style-type: none"> Host PC can be located anywhere within the LAN, such as in a server room Server resides separately from displays. Heat, fan noise, and service points are physically removed from the video wall Host server can be upgraded or replaced without touching endpoint devices
INSTALL MEDIA	<ul style="list-style-type: none"> DVD media or Downloadable ISO. Includes the full (Linux based) server appliance operating system
DISPLAYS	<ul style="list-style-type: none"> Requires HDMI or VGA connection Use any commercial or consumer display: LED, LCD, monitor, projector, rear projection display
ARTISTIC DISPLAY ROTATION	<ul style="list-style-type: none"> Artistic mode layout allows for any angle screen rotation, even 1 degree, and ability to place displays anywhere on canvas
FAILOVER	<ul style="list-style-type: none"> If the video wall server fails, another server within the same network can take over
MULTIPLE VIDEO WALLS	<ul style="list-style-type: none"> Multiple video walls can be synchronized (play the same content) or independent (play different content)
NETWORK ZERO CLIENT PLAYER DEVICES	<ul style="list-style-type: none"> No moving parts or operating system Expected lifespan of up to 10 years Supported devices include ViewSonic SC-U25, ViewSonic VMA-25, Acer E400, Centerm C75, ThinGlobal Minipoint Ethernet, Atrust M320, Atrust M302
HOST PC/SERVER	<ul style="list-style-type: none"> Core i7 (Haswell) or Core i5 (Haswell) with Intel 4th Gen GPU
BROWSER-BASED CONTROL CENTER	<ul style="list-style-type: none"> Server appliance is controlled entirely through the browser-based control panel Intuitive video wall builder with an ability to configure the size, bezel, and position of individual displays, lets you quickly create any number of video walls and map them to content channels Supports non-standard configurations — such as 1x4 or 1x9 video walls Integrated LAN health and status monitoring

Video Wall Configuration Examples



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