



MVP®

MONITORING & DISPLAY SOLUTIONS

A single MVP® system can expand from 8 inputs with a single output, to as large as 1000+ inputs to more than 50 displays. MVP® - the most expandable, versatile and robust multi-image display processor in the industry.

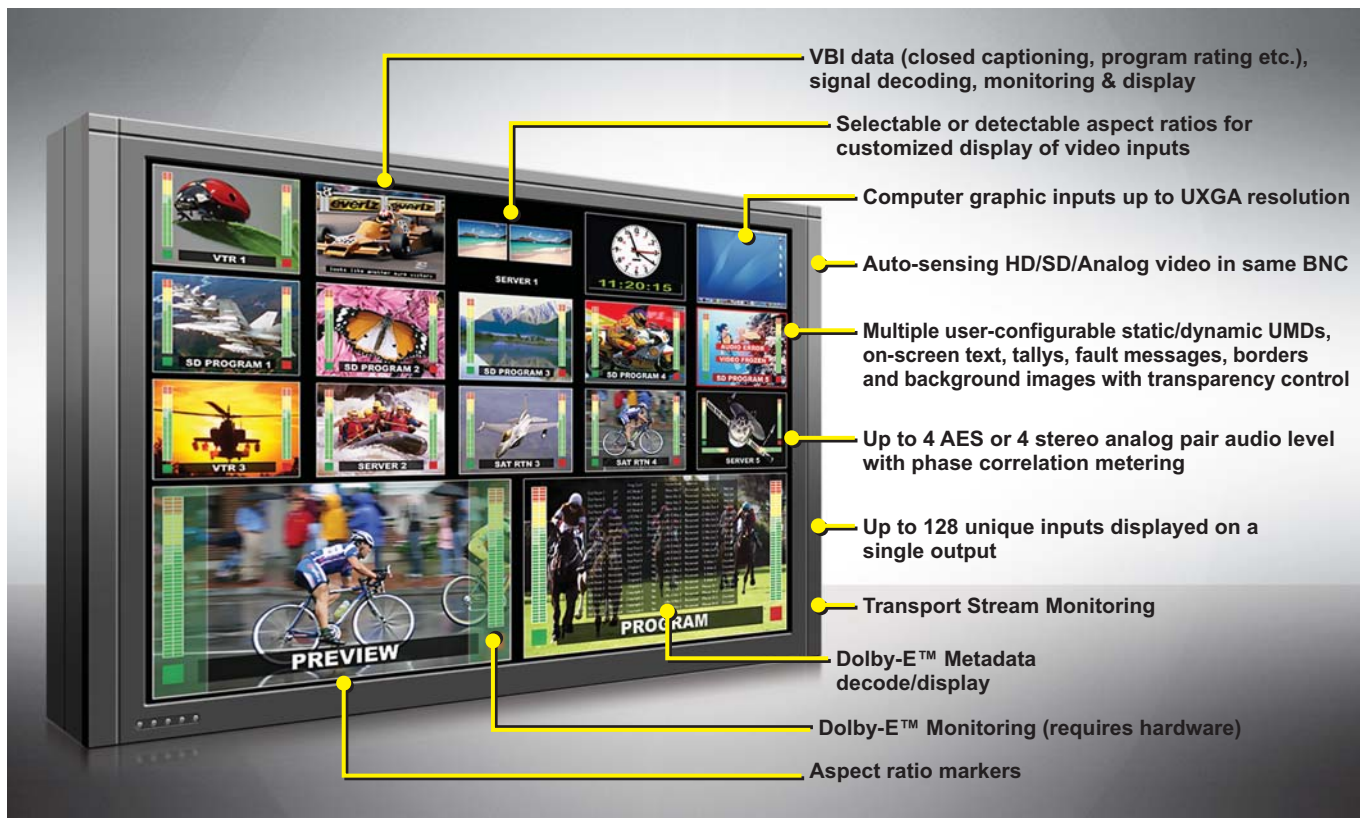
Evertz® MVP® revolutionizes the multi-display marketplace with a highly flexible, intuitive, simple yet comprehensive approach to virtual wall monitor applications. The possibility of displaying any input signal to any output monitor can now be realized without the need for DAs or upstream monitor routers.

►MVP® - Expect the Best

The MVP® is the next generation of Multi-Image Display Processor technology, boasting the most flexible and feature-rich platform available, making it ideal for all applications where video/audio monitoring & display are required. The MVP® architecture is revolutionary in its approach, as it does NOT use a PC platform at the core of its operation. By doing so, the MVP® platform is "bulletproof" and well-suited for 24/7 mission critical environments. Combine this "bulletproof" architecture with the simple and intuitive control interface, and you have a system perfect for any control room.

Evertz® now also offers a completely integrated Master Control environment when interfacing the MVP® with the Quartz line of Master Control products plus the facility monitoring capability of VistaLINK® PRO software.

►The MVP® at a Glance



►Features & Benefits

- Consolidated - scaling, signal sniffing (fault monitoring), routing and fan-out of inputs
- Supports many output display destinations
- Eliminates the need for a preview/monitor router to support multiple inputs to multiple displays
- Show multiple copies of the same BNC input across displays
- Monitor everything - View By Exception with VistaLINK® and display video inputs only when faults are detected through built-in signal monitoring
- Hardware based - no PC on board, no hard-drive
- Not a frame limited architecture - P-LINK™ interconnects and Ethernet control; does not exhibit PCI bandwidth limitations
- RTOS - Real-Time Operating System
- Highest quality video images - single pass processing
- Expandable - frame not limited to a maximum number of inputs per system - cumulative bandwidth
- True hot-swappable, front-access input, output modules and PSU
- Redundancy options for mission critical operations
- Fast power cycle recovery (15 seconds)
- Fiber output option - single fiber (single or Multi-Mode) up to 10km support
- HD/SD serial output option
- 9:16 output aspect ratio support (WARP™)
- Flexible - usually 2-3 solutions from the same system with options for future growth
- "Out of the box" implementation - set-up is quick and easy
- User-friendly GUI - drag and drop control, fast preset recall and off-line development; real time display layout control
- Remote monitoring & thumbnailing with VistaLINK®

►Applications

- Broadcast Facility Master Control
- Satellite Uplink and Downlink
- Cable Head End and IPTV Head End
- Production
- OB Trucks
- Video Walls
- NOC Control Rooms
- Surveillance Security Information Displays
- Traffic and Transportation Applications
- The Gaming and Entertainment Industry



► Multi-Input Format & Display



- Auto-sensing HD/SD/Analog video input on same BNC
- DVI/RGB
- NTSC/PAL

- 525i/625i
- 1080i/60
- 1080i/59.94
- 1080i/50
- 1080p/50

- 1080p/60
- 1080p/59.94
- 1080p/24sF
- 1080p/23.98sF
- 720p/60

- 720p/59.94
- 720p/50
- 480p/60
- 480p/59.94

► Flexible Output Options



Output Resolutions Supported:

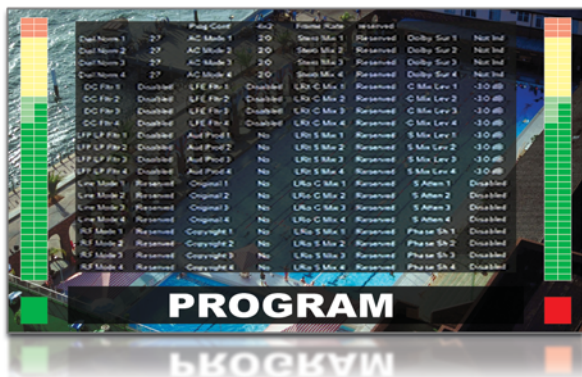
- XGA (1024x768)
- WARP (768x1280)
- SXGA (1280x1024)

- 720P (1280x720)
- WARP 2 (768x1366)
- SXGA+ (1400x1050)

- 480P (720x480)
- WXGA (1280x768)
- UXGA (1600x1200)

- 576P (720x576)
- WXGA 2 (1366x768)
- HD (1920x1080)

► Complete Ancillary Data Monitoring & Decode



Decodes:

- XDS
- HD & SD VITC/Source ID
- Nielsen monitoring

- WSS/AFD adjust/display
- Detect Encoded Audio (Dolby-E™ AC-3)

- EIA-608/EIA-708 - SD/HD Captions
- WST - World Standard Teletext

- Source Standard
- Decode/Display Dolby-E™ Metadata

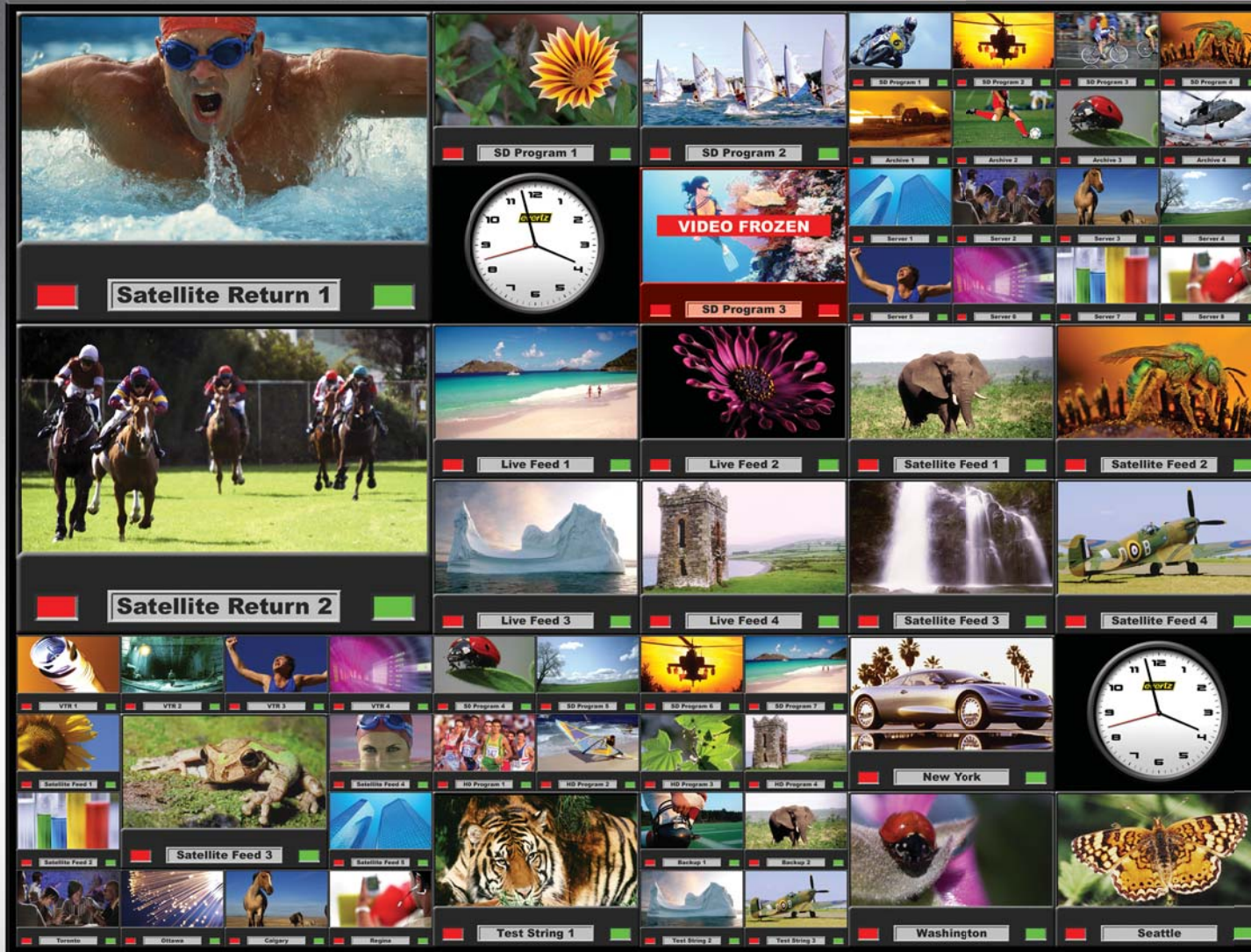
► Extensive Graphic Components



- On-screen time of day clocks (analog & digital with external LTC reference and configurable offsets)
- Up and Down timers

- User-definable labels
- Dynamic UMDs & tally from routers and switchers
- Safe area markers

MVP®
Multi-Image Display & Monitoring System



- DVI / VGA
- Analog
- SD-SDI
- HD-SDI
- 3Gb/s
- ASI
- IP



everlz The Complete Solution Provider



The best image quality in the industry

Nielsen Rating Display

Dynamic Clock Display

Remote SNMP Monitoring & Thumbnailing (VistaLINK® PRO)

ASI Display

Over 120 images per display

On-Screen Mouse & Keyboard Control



►MVP® - The Industry's Largest and Most Flexible Multi-Image Display Platform

Up to 1024 inputs to 64 displays - no tie lining, no blocking.

The MVP® is a collection of linked input and output modules residing in one of several 6RU, 15-slot frames. The interface between the input and output modules is a serialized data link "P-Link" using a standard BNC-coax cable - hence, there is no frame/chassis daisy chaining required for expandability. This eliminates blocking which is present in other more limited multi-viewer architectures.

MVP® supports all formats of input content found in today's most advanced broadcast facilities from baseband composite analog video, SD-SDI, HD-SDI - even tackling 3Gb/s. It can handle outputs from a variety of graphic sources using DVI, VGA and HDMI. For facilities where baseband video is not present or feasible, the MVP® also offers support for ASI and IP based MPEG transport stream decoding and monitoring. No other platform in the industry offers the same range of I/O.

