

# PANDORAS BOX SERVER



## SCALABLE.

The award winning Pandoras Box Server offers the best high performance link between projection and digital image compositing. A turnkey solution that perfectly unites state of the art rendering technology with intuitive media- and show control.

A high-quality server featuring the most powerful render-engine offers real-time compositing in 3D and allows for projection onto any shape and any surface. Arrange videos and images freely, change colour, form and position.

Pandoras Box synchronizes all video & audio sources. On-site 3D rendering, composition and editing make Pandoras Box the perfect choice for any live event or multi-media show.

### Keystone Correction:

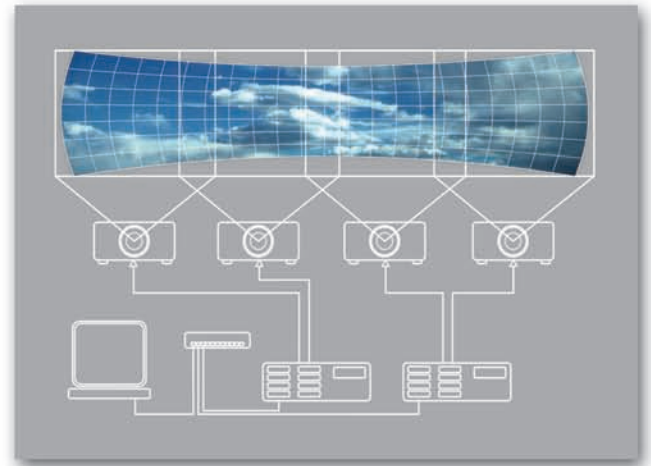
The Pandoras Box Servers come with a patented keystone algorithm that enables you to correct for off-angle distortions accurately on the fly. This feature is especially useful for short setup time or when programming moving projectors.

### Advanced Warping:

The built-in warping editor lets you create any custom shape with scalable free-form-deformers (FFD) that enable you to wrap almost any screen shape.

### Softedge Blending:

The Softedge Blending feature works hand in hand with the built-in warping technology. This way either flat or shaped projections can be set up with multiple projectors. Each output can be offset independently and features individual control of the blend settings on each side of the output to allow both horizontal and vertical blend setups.



75m 6x Full HD softedge-projection courtesy of XL Events UK

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## KEY FEATURES

### Output Configuration

All Pandoras Box Servers feature full HD playback and dual 2D & 3D stereo output configurations. All videolayers can be freely positioned onto any of the two outputs. Both DVI outputs can be set to a resolution up to 1920x1080 at 60 or 50hz.

### Multiple Output Synchronisation

When more than two outputs are required, multiple Pandoras Box Servers can be set up together. All videolayers are synchronized via the Media-Net link. Virtual Devices allow to manage and control any amount of Servers as one single device.

### Beyond HD

As the HD format has become the standard for large scale projection, all Pandoras Box Server Systems support high-definition video playback, with a maximum playback resolution of up to 4K. The built-in HD Mpeg encoder allows you to convert regular footage as well as custom resolutions to the right format depending on your projects requirements.



Mercedes B Class Launch China

### FluidFrame™ Technology

FluidFrame™ is a groundbreaking signal processing algorithm, offering a smooth cross-conversion that can take any input and output framerate, supporting both interlaced and progressive sources and clips.

### 3D Multi-Layer System

With a true 3D compositing environment and up to 16 video- and 32 graphic layers Pandoras Box offers a great amount of flexibility for creative real-time media production. All layers can be freely positioned and animated in 3D space to create outstanding presentations and multi-media shows

### Effects Engine

With over 200 transitions, 200 video effects and 50 different colour and keying filters accessible to every layer, video composition is brought to a new level of creative possibilities. Combine 3D objects with texture effects to create unique visual looks and styles.

### DMX Matrix Output

The DMX Matrix rendering allows the creation of customized applications, where LED or lighting fixtures are required to be used as pixels for giant video surfaces.



Direct TV - Fire Fly LA

### Live Input SD/HD SDI & DVI Processing

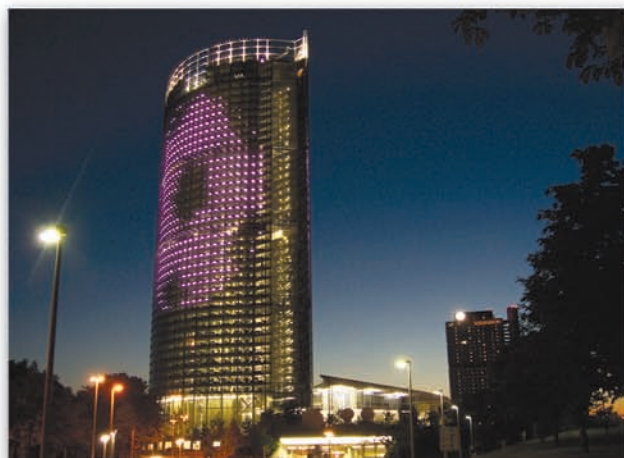
One of the key features of Pandoras Box is certainly the outstanding quality of the low-latency video input boards we have developed. Featuring both SD and HD SDI inputs with as low as 2 frames of processing time, Pandoras Box comes with a set of real-time de-interlacers to process interlaced camera feeds at full framerate.

### Full Control

Like all Pandoras Box products you may choose from one of the many protocols to control the system. You may use the powerful features of the built-in timeline or connect a DMX console to get full access to all parameters.

TCP/IP, SMPTE, RS232/422, Art-Net, DMX are currently supported.

A complete content library with over 2000 files is included with every Pandoras Box Server.



DMX Matrix - Post Tower Bonn

### Pandoras Box Server PRO

Dual DVI Output  
16 video and 32 graphic layers  
2TB of redundant RAID

### Pandoras Box Server STD

Dual DVI Output  
8 video and 16 graphic layers  
1 TB of redundant RAID

### Pandoras Box Server LT

Dual DVI Output  
4 video and 8 graphic layers  
500GB of redundant RAID