

wings vioso



## Flexible and effective projecting

AV Stumpfl GmbH, a market leader with long-standing competence in the field of media servers, and VIOSO<sup>®</sup> GmbH, renowned for their innovative, camera-supported projection systems, have jointly created a new product: **Wings VIOSO**.

With the relevant licence selection, **Wings VIOSO** provides support for the control of up to four projectors and two control monitors from one single media server. This enables an unprecedented degree of flexibility in the creation of high quality presentations.

**Wings VIOSO** allows you to arrange an infinite number of video tracks, audio tracks and control tracks, with a time line that is exact to the millisecond. These are flexible and can be static, in motion, transitions, and also synchronisations. Extensive real time effects enable the variation of these individual factors so that, for example, modifications in brightness, contrast and colour can be implemented as flexibly as artificial modifications (sepia, soft-focus lens, watercolour...). Masking, live video input or keying effects are also easily achievable and in real time.

The main attraction of this system is that, with its unequalled flexibility, the elements you create can be shared between different projectors without extensive networking. Thanks to the patented camera-based VIOSO<sup>®</sup> technology, it is possible within only a few minutes to create a panoramic picture from all connected projectors. Total adjustment then happens automatically (soft edge, positioning) and thus no exact positioning of the projectors is required!

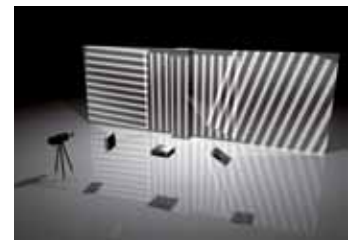
Even uneven or coloured surfaces can serve as a screen without any problems: Thanks to the optional camera measurement facility, projection can be perfectly adapted for different surfaces. Have you ever thought about projecting onto the walls of a quarry or onto a red curtain? It's possible with **Wings VIOSO**.

Naturally, **Wings VIOSO** integrates seamlessly in your existing AV environment. With the viewer, extensive control alternatives (DMX, LAN, MIDI, DirectINPUT...) are just as easy as the most diverse interaction options (sensor control, light control, projector control...).

Why not save time, your nerves and money and make your presentations with **Wings VIOSO**, enjoying a level of quality hitherto unknown! We are happy to demonstrate our systems and to sit down with you to find new possibilities tailored to your needs. We look forward to the challenge. Please do contact us!



Automatic Stacking, Softedge and Warping



Automatic correction of geometry and colour



Perfect Projection!



## Features of Wings VIOSO

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### Multidisplay

- Camera-based multiprojector images: automatic image distribution and perfect softedge on plane and uneven surfaces
- Camera-based color- and brightness correction and alignment of the distinct projectors
- Panoramic images from off-axis projectors as well as projectors with wide-angle lenses
- Supports up to four outputs from one single optimized MediaEngine
- Warping, scaling and deforming of all compound images (e.g. adjusting to cylinders, spheres, domes, etc.)
- Supports all projector-techniques (DLP, LCD, LCOS, LED, Laser, etc.)

### Screenshaping and Correction

- Enables projection onto very complex surfaces by the help of the patented a camera-based correction of each pixel due to the structure and color of the background surface
- Manual correction of any distortion
- Enables projection from extreme off-axis position

### Content Generation and Management

- Unlimited number of cross fade tracks for images, videos in HD-resolution as well as audio
- Unlimited number of marker tracks for speaker-support and several automation commands (Play, Pause, Jump, etc.)
- Unlimited number of tracks for generic objects like notes, data, subgroups, etc.
- InScreen-Editing: direct manipulation of any content in real-time
- Production of DVDs
- Automatic backup of projects and files on CD/DVD and on hard disk
- Interface for external remote control devices
- Integrated high-performance video-engine: any video gets encoded into an intermediate format, ensuring and optimizing the playback for ultimate perfection
- Supports up to 8 Live-Input-streams from external sources (TV-card, Framegrabber card, digital interfaces, etc.) with minimal latency
- Adjustment and configuration of the graphical user interface
- ShowControl-Module available: Programming of an unlimited number of inputs and outputs via DMX, MIDI, 0-10V, RS232/485 interfaces

### Audio

- Supports ASIO (Audio Stream Input/Output): usage of capabilities of professional audio hardware and chipsets, e.g. for optimizes multitrack recording and playback, sound synthesis, etc.
- Supports K-System for optimizing soundtracks on cimea-level
- Up to 24 channel output (if supported by audio hardware)
- Timestretching and Pitchshifting (inaudible change of length and pitch of soundtracks)
- Built-In sound effects and support for DirecX and ASIO-Plugins