dataton

WATCHOUT™

Multi-display production
and playback software
Version 6

MULTI-DISPLAY SOFTWARE

WATCHOUT orchestrates still images, animations, graphics, video, 3D UV maps, sound, text and live feeds into a single impressive show across multiple display areas, edge-blended or in any array.

When you want to impress

Use WATCHOUT to create dynamic backdrops for unforgettable live events, for theater or broadcast applications, large-scale projection mapping, fixed installs or signage.

With its intuitive user interface, strong set of features for production, playback, geometry correction, mapping and live interaction, WATCHOUT is the Swiss army knife of multi-display presentations.

The smoothest way to get your WATCHOUT show up and running is with Dataton's plug-and-play media servers, WATCHPAX and WATCHMAX. Non-proprietary display computers may also be used with WATCHOUT.

Get WATCHOUT

Download WATCHOUT production software for free at www.dataton.com.

A WATCHOUT rig consists of a production computer running WATCHOUT software connected to an unlimited number of display computers and devices, all on a standard network. A physical WATCHOUT license key is required for the production computer and for each display computer. Dataton's own WATCHPAX and WATCHMAX servers feature a built-in WATCHOUT license key.

Same version upgrades for your initial purchased version are free. In order to upgrade between versions, please contact Dataton.
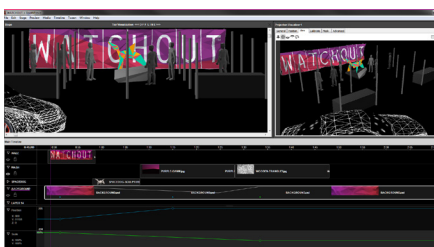
Overview

- Fully scalable – use as many displays as you like
- Mix LED, projectors, LCD panels
- Supports up to six outputs and multiple resolutions per display server, depending on hardware capabilities
- Runs on Ethernet network and non-proprietory hardware
- Locked-down WATCHPAX players and WATCHMAX display servers available with built-in WATCHOUT license
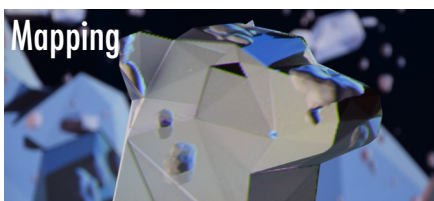
Look

- Familiar user interface built around three main windows: Stage, Media, Timeline
- Windows platform
- Clean look adapted for darkened show environments
- Localized language versions

Media

- Reads industry-standard media file formats
- Supports network video
- Supports popular formats, such as Apple ProRes, HAP video
- Supports 3D model formats

Features

- Realtime composition of media
- Realtime show rendering
- Live interaction via standard control protocols
- Live edit
- Soft-edge blend for widescreen shows
- Built-in geometry correction for curved surfaces
- Stereoscopic production
- Dynamic image server for on-screen live feeds – HTML5-based web content, stills and Flash (requires WATCHOUT license key)
- Live capture
- Frame-rate control
- Plays uncompressed video and image sequences at full frame-rate
- DMX cues for lighting through Artnet
- Multi-channel audio playback
- Realtime effects, including motion paths, opacity, rotation, volume, and scaling
- Tween tracks to control dynamic behavior of cues
- Task management
- Built-in blend modes, chromakey, text editor
- And more…

Mapping

- Smooth projection-mapping workflow
- Virtual displays – ideal for mapping pixels on LED walls
- Projector views
- Marker-based calibration
- Pre-visualization
- Custom blending masks

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