CueServer

Featured Projects

Interactive Technologies
World renowned Miziker Entertainment uses Interactive Technologies’ award-winning CueServer as the lighting playback platform for Ocean Kingdom’s Journey of Lights Parade.

Ocean Kingdom’s mascots: Kaka, Kiki, Bobby, and the Ocean Genie take park guests on a magical nightly journey featuring over 1 million lights! Eight spectacular parade floats circle the park’s central lagoon accompanied by 80 performers in synchronized color-changing illuminated costumes all set to an original musical soundtrack.

The intricate lighting designs and sheer number of RGB pixels used on each float requires an enormous DMX channel count. The largest of the floats uses more than 200 universes of DMX all on its own. CueServer 2 was chosen to manage this massive undertaking.

Each float’s original content was generated on a pair of ETC Gio consoles and then stream-recorded into the CueServers for playback. The CueServers traveling on the floats are integrated with show control from Alcorn McBride as well as a GPS clock coordinated through the QSC audio network. The CueServers on the costumes are triggered by RC-4 wireless transceivers.

Guests along the parade route can also download a companion phone App that synchronizes with the audio and lights as the floats and performers travel by.

Fire, fog, lasers, videos, steam effects and a 33 foot tall (10m) active volcano round out the visual wonders of the Journey of Lights Parade.

Interactive Technologies is proud to be a part of such an impressive display of “lights on parade”.

**Miziker Entertainment**

trusts CueServer to be the lighting playback engine for this amazing parade.

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**Project Specifications**

- Chimelong Ocean Kingdom in Hengqin, Zhuhai, China
- 8 floats, 60 lighted costumes, 2 carts and 1 wagon
- 24 CS-900 CueServer 2 Pro processors
- 100 custom CS-816 CueServer Express processors
- 868 total DMX Universes
- 444,416 control channels
- sACN protocol for DMX transport
- Triggering via UDP and DMX Input triggers
- Integration with Alcorn McBride, RC-4 Wireless and QSC
The World’s Narrowest Commercial Building Re-imagined with Animated Storytelling through Light & Media

Dramatic showcase presentations inspired by the four basic elements of humankind, the universal concepts of love and magic, and the history and modernization of Vancouver Chinatown appear nightly on the Jack Chow Building. Beautiful light shows synchronized to music run hourly throughout the evening animating the facade of this fascinating landmark.

Control system design firm EOS Lightmedia chose CueServer 2 to be the show control processor for this amazing spectacle. CueServer drives six universes of DMX for the approximately 850 RGB devices along with 50 additional control points for general lighting and signage. The show’s audio soundtrack and weekly playback schedule are also controlled by CueServer. Several button stations in the building allow for manual selection of preset lighting looks and show playback. The building’s owner and project designer, Rod Chow, also incorporated the companion CuePad app allowing him to adjust lighting looks and trigger shows through buttons and zone sliders in the app.

This iconic multimedia project is a perfect example of CueServer 2’s seamless integration and control of both architectural and entertainment lighting.

Project Specifications
- The Jack Chow Building, Vancouver, Canada
- 1 CS-940 CueServer 2 DIN processor
- 1 ST-HUB-EN CueStation controller
- 4 ST-MD4 Mystique series CueStations
- 6 DMX Universes (via sACN protocol)
- Preset lighting and show lighting from a single processor
- CuePad App via WiFi
- Stereo audio output of show soundtrack
- Winner of the Live Design 2015-16 Excellence Award in Architainment

CueServer 2 handles the architectural lighting, show lighting, audio playback, video synchronization and scheduling of this award-winning project.

Interactive Technologies is proud to be the preferred control system for this award-winning project. Live Design magazine awarded The Jack Chow Building their coveted Live Design Excellence Award in Architainment in 2016.
One Fountain, Thousands of Memories

This little gem of a fountain is nestled into a mix of upscale retail, dining and entertainment venues called Station Park. Creating a unique family experience, Station Park offers activities for children, culinary events, shows, live music and fine dining. Every hour on the hour, the center of attention is a world-class show fountain designed and installed by Fountain People. It dances to the music of world renowned artists with a stunning display of choreographed 30-60 foot high solid streams, vivid colors and water effects. Guests who have seen the show agree that this is a performance not to be missed.

Fountain People is the leading designer and manufacturer of architectural and interactive fountain systems in the USA.

From the fountain’s 58 water jets to the submersible LED fixtures, the Station Park Fountains use CueServer to control the water and light show in its entirety. 24 different shows stored in the CueServer are triggered by an AMX system that is responsible for the show timing and audio playback.

Interactive Technologies is honored that Fountain People has chosen CueServer to be their control system for well over 100 of their most impressive projects.

CueServer creates a spectacular upscale retail, dining and entertainment environment daily.

Project Specifications
- Station Park, Farmington, Utah
- 1 CS-800 CueServer Pro processor
- 58 submersible LED fixtures (5-channel)
- 51 effect valves (1-channel)
- 6 effect positioners (3-axis, 9-channel)
- 1 effect positioner (single-axis, 4-channel)
- 3 variable frequency drive pumps (1-channel)