



**ROSS**

SPORTS & LIVE EVENT  
**SOLUTIONS**

## **Unified Venue Control System**

**FEATURES AND BENEFITS**

# Introduction

Through Ross' Unified Venue Control Solution, we provide an end-to-end turn-key solution that combines the technology of a traditional Production Control Room with LED Display Control. This Unified system is tied together with the award-winning DashBoard as a full venue control surface and this combination of technology allows for unmatched creative flexibility and scalability. The points below outline the features and benefits of this Unified system.

## Graphics and Playout

- One powerful Graphics platform (XPression real-time 3-D render engine) for multiple applications such as traditional CG, LED displays, concourse feeds, exterior signage. Choose one or all applications!
- Create content natively on XPression in real-time to allow users the ability to change graphic content on the fly for the entire facility. This streamlines venue production making it easier to switch between shows, resulting in less down time and more capacity.
- Import video and still content using XPression InCoder and XPression Clipstore workflow.
  - Watch folder driven transcoding and metadata tagging.
  - Editing tools in XPression Clipstore allows users to mark in and out points, loop points, adjust audio levels, add device triggers on specific video frames and create metadata-based sub clips and non destructive edits to original content.
- Fastest clip cue and play times in broadcast and AV industry.
- Blend real-time 3D design and pre-rendered asset playout seamlessly in one interface on one common platform.
- Datalinq Server provides integration with multiple scoring systems, social media, and statistical data feeds.
  - Powerful searching and sorting features within XPression allow users to not only link to data but to logically mine a variety of raw data formats (SQL, XML, JSON).
  - Data Triggers allows users to create completely customized transitions, animations, and value updates based on data changing in real time.
- Enables fan engagement both on-site and at home through social media integration via third party data or with our own Inception Social media aggregation tool.
- Mirrored or N+1 redundancy
  - All media backed up on XPression project Server and XPression Clipstore to ensure any engine can be used to replace any other and have access to critical content immediately
- Accurate Proof of play reporting

End to end Creative Services options

# XPression



## Control System

- Scalable Solution
  - From one operator to multiple operators, the Ross Venue Control System is custom designed for your venue specific production needs. Switch between multiple control operators for large events and single control operator for small events.
- Frame-accurate triggers across any number of LED displays
- 100% integration between production control room and LED display control system
  - Control or be controlled by any device in the Ross ecosystem.
- Unlimited control of 3rd party products (audio mixers, robotic cameras, servers, smart LED lighting, IP TV systems...)
- Full Turn-Key Options available

# *DashBoard*

## Infrastructure and Video Processing

- A unified solution minimizes the required personnel and equipment to manage essential visual operations.
- Agnostic... feed any manufacturers LED Displays!
- Massive selection of video processing solutions with openGear
  - Distribution amplifiers
  - Embedders and disembedders
  - Reference generators
  - Signal converters

- And much more...
- Unified routing solution (Ultrix) for Display Control and Control room workflow
  - HD/UHD and HDR workflow support
  - Expandable control through dashboard/Ultritouch

open**Gear**

**Ultrix**

## The Ross Way

Ross Video has a talented staff of engineers and production professionals with extensive experience in both broadcast and live sporting events productions. Our talented team is up to any challenge and their wealth of real-world experience allows us to find creative solutions to meet our clients' ever-increasing demands.

We also offer industry leading customer support through our 24 hour, 7 days a week and 365 days a year hot-line. Whether you are covered under our full extended warranty package or not, we are here to support you for the life of all our products.

You can find region-specific call-in information, our community pages and our ticket creation [here](#).

**We have your back!**

## For more information



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