ISIS | 1000 Storage Engine

- Scales from one to four engines
- Ten 2 TB (7,200 rpm) media drives for a total of 20 TB of storage per engine (16 TB usable)
- Rack mount-ready; 2U rack height
- Field replaceable Storage Controller, power supplies (2), and fans
- Redundant, hot-swappable SSDs for system configuration and ISIS metadata management
- 10GbE network connection for client access
- 1GbE network connection for management

Network switching, works with the following switches

- NETGEAR XS712T
- Dell Networking N2024
- Dell Networking N3024
ISIS File System

- 64-bit self-balancing, distributed file system
- Intelligent distribution/redistribution of media
- Optimized for media editing and playback
- Two drive failure protections, with media-aware drive rebuild
- Internal ISIS System Director metadata management

Platform Support

- Client operating systems
  - Windows 7 and 8 (64-bit)
  - Mac OS X 10.8/10.9/10.10 (64-bit)

- Client network connections
  - 1 Gigabit Ethernet
  - Dual Gigabit Ethernet
  - 10 Gigabit Ethernet
Administration Tools

- Dynamic workspace set-up and monitoring
- FlexDrive dynamically adjusts storage workspaces without editing interruption
- User administration: View, creates, define workgroups, and delete and assign passwords
- Active Directory (LDAP) integration for user account synchronization with IT systems
- User workspace access controls
- Error warning and informational logging
- Monitoring: User status, workspace status, comprehensive event log, read and writes bandwidth usage
- Remote notification of system events
The Timing Problem

- Programs created for one geographic region may be too long/short for playback in another region

- To create additional revenue, some channels wish to include one/two more ads into a long form asset
  - Editing damages story telling

- The solution: TEMPO
What is Tempo?

- Tempo is a new technology solution which allows you to adjust the running time of any video file, (up to +/- 10%)... Quickly, easily, accurately and...

  *with no detectable artifacts*

- Tempo enables massive additional revenue opportunities and substantial operating cost savings.
Tempo Time Correction: Key Tech Facts

- Tempo is a turnkey solution running on a new Lightspeed server
- New time compression algorithms, new methods of video analysis
  - higher quality and faster processing than competitors.
- Audio adjustment and pitch correction
- Retiming of captions and subtitles
- Ability to re-time the complete asset, or parts of the asset.
INFINITY SET – “Game Changer” Award Winner at NAB 2015.

TrackFree technology: Combines the precision and quality of a tracking system with the flexibility of modern trackless systems.

TeleTransporter: Real or pre-recorded characters inside virtual sets or real video feeds.

3D Presenter: Generates a true 3D representation of a live character than can interact with 3D graphics within the virtual set.
VSNEXPLORER is a state-of-the-art Media Asset Management system with all the necessary tools to really put your content to work for you without making you work for your content:

- Advanced Custom Metadata
- Segment and layers live cataloguing
- Web-based low res workflow
- Storage agnostic (SAN, NAS, LTO, ODA, Cloud)
- Integrates with QC, Transcoding,
- Automated one click publishing to social media and Web TV.
- Business Process Management Module (BPM)
- Business Intelligence (BI) layer
Leyard is the largest LED display manufacturer in the world, with state of the art facilities throughout China, Europe and the US. They reinvest 8% of their revenue back into their R&D department each year, and this keeps them ahead of the competitive curve in product development. Leyard LED solutions can address an endless array of sizes, shapes and curved screens. They have an immense portfolio of notable projects such as the Houston Rockets Toyota Center, Texas Motor Speedway, NBC Sports and plenty more.
As an interoperable file and workflow agnostic Precision Player, our goal is to make the format issue less relevant, so all content in all formats is accessible.

**ATLAS**

- **Unprecedented Interoperability**
  - Any format, any size, any resolution

- **Efficiency Optimization**
  - Of your content, infrastructure and people

- **Analysis Tools**
  - Metadata, frame accurate & scrubbing video, audio & titles

- **Consistent Quality**
  - Reference & calibration tools

**IRIS**

- **Real-time: grease pencil, annotations, chat & compare**

- **Efficiency optimization**
  - Of your content, infrastructure and people

- **Capture & own title related data**
  - From internal and external sources

- **Speed up workflows & reduce project costs**
  - Moving out of silo’s and above workflows

- (If you want a 5th) compare & contrast originals & derivatives
  - Golden file comparison
Review virtually any file format, frame rate & resolution. Native HDMI/SDI Output.
Direct Video Annotation & Messaging

The Problem is Here....

Iris Media Intelligence Tools
Detailed Metadata & Template comparison

Validate Investgate Collaborate

Iris Media Intelligence Tools
Baton+ Environment

Deployment Scalability

High Availability

Efficient Verification

*VM – Verification Manager, * CS – Checker Server, * DB – Database

Baton Farms

Workflow QC

Analytics

Centralized Management

Baton Users

VM & CS

VM

CS

DB

Baton Farms

Baton Users

VM & CS

VM

CS

DB
New from Dejero

LIVE+ EnGo

- New Mobile Transmitter
- Ethernet/Wi-Fi, 2-, 4-, 6-modem configurations
- Bond up to eight network connections for exceptional performance
- Control: LCD touch screen interface
- Mounted on camera or worn in sling bag
- Weight (1.87 Kg – 4.1 lbs)

Dejero and Aeryon Partnership

- Combines Aeryon’s small Unmanned Aerial Systems (sUAS) with Dejero’s LIVE+ video acquisition, management and distribution platform
- Enables broadcasters to integrate live video captured with drone technology into their newsgathering, sports coverage, and video productions