

ENSANTRA HD MEDIA NETWORK™

Product Description

- **TOTAL SOLUTION FOR MANAGING A REAL-TIME HD VIDEO EDITING, HD COMPOSITING, AND HD CLIP MANAGEMENT NETWORK.**
- **ALL HARDWARE, SOFTWARE, AND SERVICES TO IMPLEMENT LINUX MEDIA ART'S MEDIA-BASED VERSION OF SUSE 64 BIT LINUX 2.6 DISTRIBUTION.**
- **LEVERAGES IBM & AMD OPTERON 64 BIT PROCESSOR DESIGN ON IBM A PRO INTELLISTATION AND IBM E-325 SERVER TECHNOLOGY.**

HIGHLIGHTS

- **BASE SERVER:** Multiple Node eServer 325 1U technology with multiple dual Opteron CPUs, Raid5, all linked by fast Gigabit Ethernet switch. Storage is SCSI U320 and/or SATA. Clients are IBM APRO's running Dual Opterons with local storage.
- **OPERATING SYSTEM:** Novell's SuSE 2.6 LINUX Distribution optimized by LMA for real-time media management on an optimized clustered Linux open architecture.
- **FEATURES:** LMA's CINELERRA Open Source Editing and Render Farm Software, LMA's L-SERVER Capture Playback Software, LMA's Bluff Titler 3D Titling System, LMA's MXF File Management System, Adobe After Effects Software, Adobe Premiere Pro Software, Alias Wavefront's MAYA, VM Ware, NVIDIA HD Display Support, and SAMBA Networking application. Support for real-time capture from HD Cameras, HD Tape Decks, and networking between Linux, Apple, and Microsoft systems. Support for all major HD protocols including 1080p, 1080I, and 720p. Provides 1080p, 1080I, and 720p editing, special effects, & transitions in real-time.
- **KEY SYSTEMS:** 5-Year Premier IBM Business Partner
- **LINUX MEDIA ARTS:** Highly experienced Film and Broadcast Software and Systems Design and Network Design professionals. Credentials include product development at major broadcast equipment companies, network design experience at major motion picture studios, HD special effects design patents, and Academy Award winning team members.

EXECUTIVE SUMMARY

ENSANTRA HD MEDIA NETWORK is a fully-integrated bundled system solution developed by Key Information Systems, Linux Media Arts, IBM, AMD, ADOBE, NVIDIA, and NOVELL to create a cost-effective true High Definition cross-platform network production and management system that integrates both Linux and Windows workstations on a real-time Linux render farm. The ENSANTRA HD MEDIA NETWORK is built on IBM Opteron APRO and IBM eServer325 running Novell SuSE Linux on the server and Novell SuSE Linux and Windows XP on the multiple networked workstations. Complete integration and implementation services are included for the seamless installation and integration of the ENSANTRA HD MEDIA NETWORK.