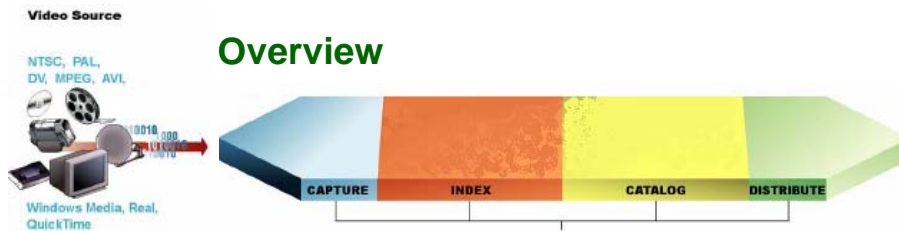


MediaServ/VG



High Performance Media Asset Management Server

The *MediaServ/VG* (VideoGateway) 2U rack mount media asset management server is a broadcast ready video server designed by CUC to provide powerful ingest, transcode and indexing of SD/HD video/audio content. *MediaServ/VG* includes an Intel Core2Duo 3.4GHZ processor, 1GB DDR2 SDRAM dual inline memory and a high-performance Viewcast Osprey video capture card, Coupled with the integral Pictron Video Gateway media asset management software, *MediaServ/VG* is an ideal choice for low-cost, efficient video ingest performance in a compact chassis design. This optimized 2U rack-dense server combination features ample 650 watts of power which supports six hot-swap SATA hard drives and the five expansion low profile PCI slots offer expandability. This server is ready to install out of the box with minimal management and configuration required.



MediaServ/VG provides a cost-effective video logging and indexing system within an integrated Microsoft Windows environment. It is tightly integrated with industry standard SQL servers, text index servers, video servers, and Web servers with unparalleled scalability. Users can search and browse video clips using standard Internet browsers or integrated Pictron Video Gateway client software.

MediaServ/VG unleashes the power of searchable video by revolutionizing the way video is accessed and used on the Internet and Intranets. *MediaServ/VG* automatically detects video scene changes, extracts keyframes and summarizes the video content into a visual storyboard format. An optional Audio plugin enables a text transcript of the video to be extracted from closed caption text or speech recognition to provide full text search capabilities. *MediaServ/VG* can further encode multiple video streams in Real, Microsoft, or MPEG formats during real-time video indexing with perfect synchronization. Video attributes, annotations, and metadata are cataloged automatically into the database. All of this information is synchronized through the SMPTE time code of the digitized video. *MediaServ/VG* derives a structured visual storyboard and indexes information from unstructured content to produce a highly interactive, searchable video.

MediaServ/VG also includes integrated 8-channel audio codecs supporting 7.1 and Dolby sound, Intel GMA X3000 graphics, Intel 82566DC GigaBit Ethernet, (10) USB ports, dual IEEE-1394 ports, PCI Express expansion slots, GeForce 7300GS HDTV card, Sony 18X DVD+/-RW dual-layer drive, dual 250GB SATA-II mirrored system drives and a (3) year parts warranty.

MediaServ/MG



KEY FEATURES

Video Source and Video Capture

- Real-time video analysis from live video sources or digital files
- Viewcast Osprey video capture card or optional Microsoft Video for Windows compatible capture card support
- Optibase MovieMaker MPEG video capture card support
- Acceptable video file formats-AVI, MPEG-2, MPEG-1, Windows Media (asf, wmv), RealVideo (rm), QuickTime (mov)
- Frame-accurate VTR deck control through Sony RS-422 protocol

Video Encoding and Transcoding

- Simultaneous real-time encoding of multiple formats and multiple streams in MPEG, AVI, Windows Media, and RealNetworks
- Real-time transcoding of supported video streaming file formats

Video Logging and Analysis

- Intelligent scene change detection and keyframe image extraction
- Adaptive keyframe extraction with adjustable sensitivity
- Automatic scene change detection, fixed time interval, or manual keyframe extraction
- Visual storyboard for video browsing and video clip annotation
- Drag and drop keyframes from visual storyboard for video logging
- Closed caption text extraction from source video
- Frame-accurate video navigation
- Synchronized playback of video, closed caption text, speech text, and keyframes
- Optional speech recognition and face recognition plug-in modules available

Media Asset Management

- Hierarchical data structure to organize media assets into Library, Video, and Clip
- Video browsing in thumbnail, list, and detail views with visual storyboard, speech text, database attributes, and face information

Database Support

- Built-in database
- ODBC-compliant database support (Oracle, Microsoft SQL, Microsoft Access, MySQL)
- End user customizable database schema for video and clip

Distribution

- Publish indexed video to *MediaServ/MG* gateway for web-based low-res proxy viewing
- Distributed architecture for distributed web server, database server, and video server
- FTP support for video streams and metadata distribution
- Export metadata in XML format
- Includes Windows XP Professional and Pictron Video Gateway software licenses

