Imagine Communications’ ICE VOD System

The Imagine Communications VOD System comprises the VOD Processor and the ICE Gateway, allowing cable operators to cost-effectively deliver up to 50 percent more VOD streams within existing infrastructure without sacrificing video quality. For the first time, operators can deliver 3 HD VOD or 15 SD VOD streams in a single 24x7 channel, with equivalent video quality relative to today’s maximum of 2 HD VOD or 10 SD VOD streams. The ICE VOD System uses industry-standard interfaces (PnP/MLP), and standard-based, high-reliability hardware and software components. These achievements are made possible by Imagine’s breakthrough ICE GI video quality management algorithm, as well as a virtual system architecture that performs video data processing on a single computer system. The ICE VOD System is designed to optimize video quality and cost-effectively scale based on the number of television homes served and the level of service available to all subscribers at any given bit rate, the ICE-GI video quality algorithms enable the industry’s first Video Quality Management solution.

Motorola’s VOD and Time-Shuffled TV Solution

Motorola delivers an end-to-end solution for VOD and advanced video services such as time-shifted TV. Integrating its best-in-class video processing and delivery products with partner solutions, Motorola enables operators to provide new services that increase revenue and reduce customer churn.

At the heart of the Motorola Time-Shuffled TV solution is the Motorola B-1 Video Server, a 10 percent arbitrated, carrier-class solution for the delivery of on-demand video services. Motorola B-1 servers maximize the profitability of today’s VOD services, while supporting voice services such as time-shifted TV, network-based digital video recording (nDVR) and on demand ad insertion. By separating streaming from surfing and nagging, Motorola B-1 Video Servers offer the ability to independently scale content libraries and streaming resources at a fraction of the cost of legacy servers. In addition, open, industry-standard interfaces simplify integration with any environment.

SeaChange International’s On Demand Solution

SeaChange International is a recognized industry leader in providing software applications, services and integrated solutions for cable, satellite, and broadband service providers. With a focus on enabling the delivery of high-quality video services, SeaChange offers turnkey solutions with a variety of configuration options. SeaChange’s products provide everything needed to deliver a comprehensive VOD solution including acquisition of linear broadcast, regional storage, regional QAMs, edge QAMs, interactivity, and advanced advertising opportunities. SeaChange’s software and solutions that improve an operator’s bottom line.

Cisco’s Virtual Video Infrastructure for Next-Generation Video Platforms

Cisco’s Virtual Video Infrastructure and Intelligent Video Edge represent a fundamental departure from the traditional VOD architectures introducing an highly resilient, highly scalable, on-demand video delivery platform. Designed for very large scale VOD and Time-Shifted TV deployments, the Cisco VVI provides maximum scale and performance. The Cisco VVI enable programmable, intelligent delivery of video in a terminal-friendly manner by separating streaming and caching nodes. In addition, the Cisco VVI offers the ability to independently scale content libraries and streaming resources at a fraction of the cost of legacy servers. In addition, open, industry-standard interfaces simplify integration with any environment.

VOD in a Box by Comcast Media Center and ARRIS

VOD in a Box is a turnkey integrated software solution designed to raise the bandwidth and scalability of existing VOD systems. VOD in a Box is designed to achieve maximum capacity, while significantly reducing operational costs and capital expenditures. VOD in a Box includes: 

- ARRIS’ On-Demand server and nABLE software management platform
- Up to 3,000 premium channel titles, pay and free content programming with standard definition and high-definition content options.
- Complete content delivery with a single receiver and catcher.
- Complete content management with no system staffing.

Concurrent Computer Corp.’s MediaHawk On-Demand Platform

Concurrent products, delivered at more than 350 sites worldwide, provide the building blocks for delivering advanced VOD services, such as VOD, IP-based TV and advanced advertising. In order to complete the solution, a MediaHawk product suite includes: 

- Core VOD engine
- Advertising Insertion
- Content Delivery
- Subscription Billing
- Digital Distribution

TVOD is a virtual video infrastructure that provides the infrastructure to support advanced digital services that go BEYONDMACD.