

Pinnacle MediaStream™

The Leading HD/SD Play-To-Air Server

Product Family Overview



MediaStream is at the center of leading play-to-air facilities worldwide

- Built-In Native HD, SD and Real-Time Up and Down Conversion
- DekoCast Graphics Integration
- Seamless Liquid Editing Workflow
- Legendary 24/7 Reliability with No Single Point of Failure
- Fully Supported in Popular Automation and Archive Systems

Pinnacle MediaStream is the broadcast industry's choice for mission critical HD/SD play-to-air applications. MediaStream is a highly reliable and scalable server solution, capable of efficiently delivering anything from a few channels using dedicated storage, up to one hundred simultaneous channels using large shared network storage configurations.

MediaStream is a complete solution to meet the realities of today's broadcast environments. MediaStream is tightly integrated with the Pinnacle Liquid™ editing system and Pinnacle DekoCast™ automated edge graphics system to enable the complete modern ingest, editing, graphics, branding, promotions and playout workflow.

Only MediaStream systems come standard with both native HD and native SD storage and playout capabilities, as well as built-in up and down conversion. Essential for today's HD broadcasters, these capabilities also ensure SD broadcasters are ready for their transition to HD delivery without purchasing expensive new hardware systems.

Delivering Broadcast Brands

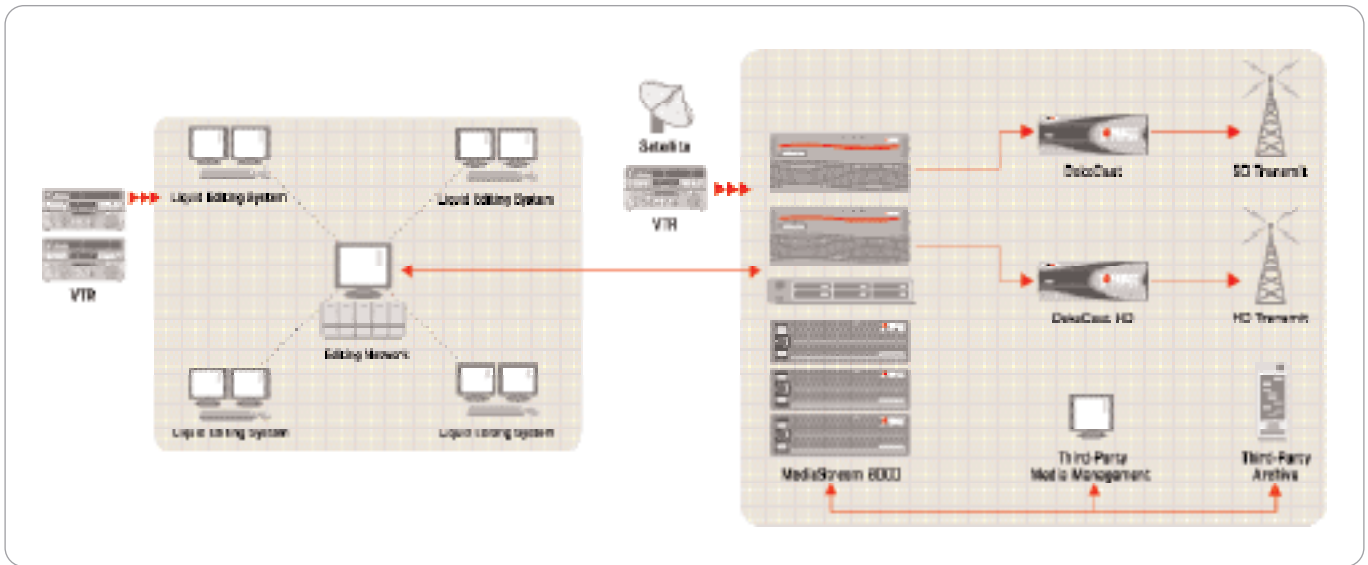
With the changing nature of television, delivering uniquely compelling broadcast brands has become a primary production mandate. To support these demands, MediaStream is integrated with Pinnacle DekoCast to create a powerful solution for delivering sophisticated edge graphics and branding. This integration allows combinations of MediaStream clips and DekoCast graphics events to be easily scheduled and controlled from automation systems, reducing the time and effort required to setup visually sophisticated events including channel branding, in-program promotions and advertising, sophisticated credit sequences, and weather and other data-driven alerts.

Complete Tapeless Workflow

Gone are the days when satellite feeds were placed onto tape, hand carried to an edit suite for promo creation and program modification, then carried to master control for playout. MediaStream connects directly to Pinnacle Liquid broadcast editing systems to enable an entire tapeless, lossless digital editing process. Liquid natively edits MPEG-2 IBP content, avoiding the time-consuming and quality-deteriorating transcoding required by other systems.

MediaStream is trusted by broadcasters worldwide, delivering unmatched flexibility, video quality, workflow efficiency, and legendary on-air reliability.





Content Delivery Workflow



MediaStream Options

Independent Storage – For small channel count needs, MediaStream systems can be configured with dedicated Pinnacle Palladium storage arrays with RAID protection. MediaStream systems with independent storage can also be upgraded to full networked shared storage configurations as needed.

Networked Shared Storage – For larger MediaStream configurations, multiple Palladium storage systems can be combined and shared between multiple MediaStream file system controllers and I/O chassis, allowing playback of up to 100 simultaneous on-air channels.



Multimedia Gateway – A software application suite that runs on the ConnectPlus portion of MediaStream, providing a seamless connection to Liquid editing workstations. Future software versions will allow the addition of closed caption information and up to 32 audio channels per MediaStream video clip.

Broadcast Video I/O Cards – Adding one video input at a time has proven to be complicated and expensive on competitive systems. MediaStream groups video I/O into cost-effective, reliable chassis that allow 16 channels of video I/O each. In addition, each MediaStream combo decoder card provides selectable SD decode, HD decode or ASI I/O for the price of competitive SD-only decoder cards.

Complementary Workflow Products

Pinnacle Liquid – Liquid is the only real-time HD/SD broadcast video editing system uniquely designed to handle the most demanding brand-building requirements of top broadcasters. Liquid connects to the MediaStream Media Gateway to directly transfer video clips and make promo creation and long-form program modification fast and easy.

Pinnacle DekoCast – DekoCast is a powerful single-box solution for delivering sophisticated edge graphics and branding. Future software versions will allow DekoCast graphics events to be integrated with MediaStream clips and clip metadata, simplifying the complete creation, scheduling and automation process.

