



Scalable multi-channel playout environment with true M:N redundancy management & ALTO Content Library archive for central storage

Traditional playout automation has software controlling multiple third party devices. The economics and technical need for this complex approach is challenged by “channel-in-a-box” solutions which replace expensive bespoke units with powerful software operating on industry standard IT hardware fitted with high quality video cards

Broadstream has been at the forefront of this move, delivering software playout with proven high quality and reliability for single or multi-channel operations. Its flagship product, OASYS Player, provides playout of live and pre-recorded content from a single IT server fitted with a Matrox video card, complete with a richly featured, broadcast quality branding and graphics display management toolkit. The OASYS solution is scalable from a single channel to multi-channel playout with true M:N redundancy management.

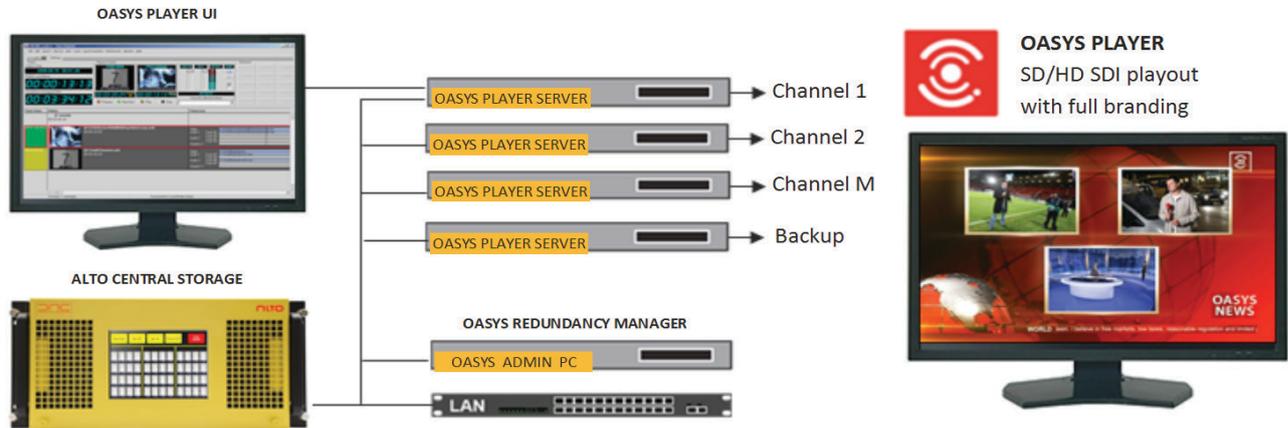
The ALTO archive is used by OASYS as the central shared storage between OASYS Player servers. The OASYS Media Library indexes all the content stored on the ALTO, creating a metadata XML for each media file. OASYS Media Manager manages the movement of media files to the OASYS Player servers as demanded by each channel’s schedule.

- ✓ **High Quality Playout and Graphics**
SD /HD playout with logos, lower thirds, smooth tickers & scrolls, squeezes, and up to 4 picture in picture.
- ✓ **Scalable Multi-Channel Playout**
Direct control of multiple channel servers with multi- channel monitoring and As-Broadcast Logging.
- ✓ **True M:N Redundancy Management**
Dynamically manage channel redundancy with 1:1, M:1 and/or M:N configurations, with channel prioritisation
- ✓ **Flexible Playout Solutions**
Simulcast SD and HD, multiple channels in a box, time delayed playout, local content insertion and more.

“The playout environment needs a reliable and cost-effective central storage for the OASYS Player servers to access for their channel’s content”, says Mark Errington . “ALTO provides OASYS with the functionality and performance demanded”

BROADCAST OASYS PLAYER WITH ALTO

A high quality M:N multi-channel automated playout solution using ALTO archive for central storage



Scalable Playout Architecture

Each OASYS Player operates on a single standard IT server, fitted with a Matrox video card, to create a broadcast server. The OASYS software provided on each machine is feature rich, with all the functionality needed to reliably run a single channel linear playout in a standalone configuration. OASYS Player combined with other OASYS software components form a scalable, flexible multi-channel playout environment. OASYS Redundancy Manager provides true M:N management, OASYS Multi-Channel Monitor provides single UI monitoring of multiple channels, and OASYS Logger provides collated As-Broadcast Logs for each channel.

Flexible for Any Playout Application

OASYS Player provides a high quality, frame accurate SD or HD playout of primary and secondary video, audio, and real time graphics in accordance with schedules either imported from third party traffic systems and/or created in OASYS Scheduler, with comprehensive live monitoring and control. Playout can include SD and HD content in the same schedule with automatic up/down conversion, channel branding, smooth tickers and scrolls, squeeze backs, up to 4 picture-in-pictures, and subtitles (open, closed or DVB). Further options include SD/HD simulcast, multiple channels in one box, time delay playout and local content insertion.

ABOUT DISK ARCHIVE CORPORATION

Disk Archive Corporation specializes in developing high availability, high security archive solutions for demanding media and data files. With over 300 system installations worldwide, the ALTO product range is proven to provide the secure and reliable archive storage that meets the high performance and low carbon footprint that modern media-using organisations of all sizes demand, with the lowest lifetime cost of ownership of any archiving technology or service provision on the market.

ABOUT BROADCAST SOLUTIONS

BroadStream Solutions acquired OASYS in 2014. OASYS has been at the heart of software-based playout solutions for over 20 years. OASYS solutions are reliably in operation worldwide.

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