



RACETECH CASE STUDY

ALTO archive integrated with Squared Paper Designs' Busby, managing 10 years of horse racing assets



ALTO helping to provide industry professionals with instant web access to multiple views of over 250,000 assets spanning a 10 years archive.

Backed by 70 years of technical innovation and research, RaceTech provides outside broadcast and regulatory technical services to the horse racing industry. Supplying complex and industry advancing solutions, RaceTech are world leaders in Photofinish technology.

Key to horse race broadcast requirements is having an optimised media archive capability that provides ease of access and usability for race officials and broadcasters. The traditional video archive flow was limited by slow physical tape processing, and a limiting production asset management (PAM) system integration. RaceTech selected the combination of a Disk Archive Corporation ALTO archive system and the Squared Paper Designs' Busby ESB system, to provide a new generation solution to meet the demands of race officials and broadcasters.

Disk Archive and Squared Paper worked with RaceTech to deliver a customised broadcast archive solution for horse racing. ALTO's capability to scale and safely store assets, and then restore them within seconds, is providing industry professionals with instant web browser access to multiple views of over 250,000 assets spanning a 10 year archive.

- ✓ **Improved Access**
ALTO spins up disks within seconds, making assets from multiple cameras available to multiple users.
- ✓ **Optimised Archive Workflows**
Archive workflows and ALTO fast performance enables highly efficient archive & restore of horse racing content.
- ✓ **Proven Reliability**
ALTO is consistently delivering a robust archive at RaceTech, and DAC continues to be a reliable partner.
- ✓ **Scalability and Security**
ALTO replicates content and places copies on different drives, ensuring security and supporting unlimited scalability.

"It is a ground-breaking solution, delivering more than any other vendor had shown us." says Guy Fontaine, Media Department Manager, RaceTech. "ALTO is central to this, moving us away from LTO tapes and providing great performance and reliability."

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RaceTech



The Solution

RaceTech partnered with Square Paper and DAC to design an end-to-end archive management system, incorporating ALTO archiving technology, CATDV asset management, and RaceTech's existing software. Squared paper built a custom Busby broadcast Enterprise Service Bus (ESB) and web application suite to align archive process and improve workflow efficiency. An ALTO III was deployed with two expansion enclosures (see photo), fully populated with disks ranging from 8TB to 16TB. The ALTO archive has allowed RaceTech to transfer over a quarter of a million HD clips and metadata files with instant access to content.



The Challenge

RaceTech's existing technologies meant that clients experienced inefficient workflows, limited by a slow tape-based archive. Users needed prompt archive searching and sharing, remote web access, multi-angle frame syncing, and collaborative PAM connectivity.

Horse race broadcast requirements meant designing a practical and deliverable system for RaceTech, working with selected partners to deliver a perfect-fit solution with scope for future archive expansion and software development.

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.

CONTACT US

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