Media and Entertainment Digital Archiving
Oracle's StorageTek Hardware and Archiware Software

As camera formats continue to evolve to produce extremely crisp high-resolution video assets, studio and broadcast IT administrators need a strategy to handle the exponential growth in video data. Oracle and Archiware have worked together to build and deliver a joint solution that is designed to handle the 4 K formats of today and the 8 K formats of tomorrow, all at a fraction of the cost of the historical disk-only solution.

Solution Overview

By leveraging the low cost of Oracle's StorageTek digital tape technology and the archiving software from Archiware, broadcast professionals can quickly lower storage costs while improving file access:

» Browser interface for searching and accessing the archive
» Preview clips and thumbnails for browsing
» Metadata fields for detailed searches
» Export option to LTFS tapes for transport or delivery
» Integration with leading media asset management (MAM) systems
» Proven and long-lived tape library hardware
» Easy scalability from 30 to 450 slots, 360 TB to 5.4 PB uncompressed

Selecting an Archive Medium

Completed productions can be moved to digital tape at a fraction of the price of production storage. Finding assets for reference or repurposing becomes easy and opens new opportunities for monetization. A detailed analysis of the advantages for using tape for long-term data preservation is available in a public report from a leading storage industry analyst company, The Clipper Group:
http://www.clipper.com/research/TCG2014015.pdf

Flexibility and Scalability

Oracle offers the world's highest capacity digital tape technology and the most scalable digital tape libraries in the world. Archiware and Oracle work together to ensure seamless integration for the following products:

Digital Tape Libraries	Digital Tape Drives
StorageTek SL150 Modular Tape Library	LTO7, LTO8 IBM HH Fibre and SAS

STORAGETEK SL150 MODULAR TAPE LIBRARY

The only entry tape library that grows with you. The digital library starts at 30 slots and scales to 450 slots in 15 increments. The maximum capacity of the system is 5.4 PB of uncompressed data.