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TITLE

The Archive in Transition

ABSTRACT

The use of the term “archive” has changed dramatically since the introduction of digital media and file-based workflows. This is especially true for the media and entertainment industry, including broadcast television and production. As the formats, sizes and applications for digital media expand exponentially; the challenges facing the preservation and repurposing of material have led to major changes in how the archive process is addressed. Today, the archiving of content begins at the moment the content is captured and then extends in perpetuity. Recent advances in storage technologies as well as new standards for how the archive is presented, indexed, scaled, and preserved are enabling new opportunities for users that will expand the viability and value factors to new levels.

BIOGRAPHY

Karl Paulsen is the Chief Technology Officer at Diversified Systems, one of North America's largest media, entertainment and broadcast systems integration firms. He provides technology driven engineering services and consulting for projects related to media asset management, advanced digital video systems and workflows, media storage and archive. Actively involved in systems design, television operations and engineering management for over 35 years; Karl's held positions of CTO, VP Engineering and Director of Engineering for various broadcast television stations, mobile sports production, computer graphics and special effects video post-production companies. Karl is a Fellow of the Society of Motion Picture & Television Engineers (SMPTE) and member of SMPTE's Standards Development community; a Lifetime SBE Certified Professional Broadcast Engineer, and an IEEE member. He is a recognized author and industry technologist, publishing over 200 articles for TV Technology magazine in his continuing series 'Media Servers and Storage Technologies' which focuses on video servers, storage, file-based workflow and media management for the television and entertainment industries. Karl is author of two books: 'Moving Media Storage Technologies' and 'Video and Media Servers: Applications and Technology'.