



## **Mickey Charles**

**Vice President, Software Generation Ltd (SGL)**

### **Title**

Preserving Archives

### **Abstract**

The ultimate benefit of digital television is that all content is handled as data, readily available and exchanged between multiple content delivery systems without the restrictions of a limited number of real-time video paths. Data can be moved faster than real time across gigabit Ethernet or fibre channel networks, or can be handed off to remote disaster recovery sites at slower than real-time. A storage and archive infrastructure can be created that precisely meets the operational and business needs of a broadcaster. The goal is to make all this possible without bottlenecks in the workflow, which compromise content delivery to critical on-air applications or risk valuable content. A central storage management system developed with these specific requirements in mind cannot be based on a conventional IT approach.

Broadcasters typically cannot tolerate any down time and its consequent loss of revenue. It is, therefore, vital that the central storage system has a failover architecture that is fully automated, very fast, integrated with the management software and designed in from day one. That can only be achieved with a clustered architecture. It also allows for planned maintenance and system expansion, with the same total availability as far as broadcast applications are concerned. Integrated with the highly resilient hardware configuration must be software that reflects the nature of the industry. In particular, it has to be flexible enough to handle different types of content in different ways, to provide highly resilient storage, and access by multiple users in a timely fashion.

The purpose of this paper is not to talk specifically about these open standards and file interchanges but to look at what happens when they become possible. It is only now that the barriers are being broken down and open standards allow ready interconnection.

### **Biography**

Mickey has been working in the Broadcast industry for several years with responsibility in different aspects of archive and data management. Mickey has over 20 years experience working with companies to provide solutions for content storage, digital asset management, disaster recovery, workflow design, data backup, and archiving. Mickey's career started with Harris in the late 70's, and has included positions with other top

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companies in their respective industries. He currently has over seven years experience working for SGL in the design, implementation and sales of data storage using SGL's flagship content storage and archive management software, FlashNet. He has been part of the design and engineering teams for SGL working with vendors such as Avid to provide a seamless integration with those products. Mickey is currently the VP of Americas overseeing the daily operations of SGL in the Americas.