



**Brian Campanotti, Chief Technical Officer, Front Porch Digital**

#### **TITLE**

**Archive eXchange Format (AXF)**

#### **ABSTRACT**

AXF, the Archive eXchange Format, is designed to inherently support interoperability among existing, discrete storage systems and also to future-proof digital storage so that content remains available no matter how technology evolves. At the most basic level, AXF is a file container that can encapsulate any number and any type of files in a fully self-describing package. AXF's defining attribute is an unusual embedded file system whereby the encapsulated package actually contains its own fully formed file system, which abstracts the underlying operating system, the storage technology, and the original file system from the AXF object and its valuable payload. This paper will go into detail about the AXF architecture, how it supports high-volume storage, its use with linear data tape, and cover general benefits of an embedded file system.

#### **BIOGRAPHY**

Brian Campanotti is Chief Technology Officer at Front Porch Digital responsible for leading industry advancement in global broadcast content storage management, file-based workflows, and intelligent content management. He is active in a wide range of industry groups including the SMPTE AXF committee.

Mr. Campanotti started his career at the Canadian Broadcasting Corporation (CBC) in Toronto, Canada as a systems engineer. During his tenure, he was a member of an Emmy award-winning team for leadership in serial digital video technology implementations. He was the founder of Masstech Group and has been with Front Porch Digital since 2004.

Mr. Campanotti is an Electrical Engineering graduate from the University of Toronto in Toronto, Canada.