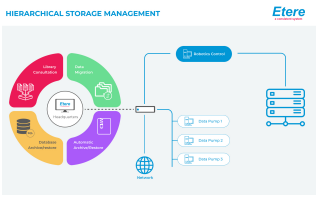
**3/1/2013** Technology

# Etere HSM will be AXF compatible

## Etere HSM plans to improve the reliability of the archive adding on EXF (Etere Exchange Format) the support for the future SMPTE AXF standard. The powerful and open EXF container can incorporate AXF information.




HSM Diagram

Archive eXchange Format

Etere HSM until version 22 use for archiving the EXF format, and open standard created by ETERE lab, the details of EXF are public from 2001 and delivered to every customer to allow them to be able to read their archive even without ETERE software , together we deliver a freeware tool to read every EXF tape.
Alternatively, since 2012 ETERE can use LTFS format for tapes.

SMPTE is delivering the standard of AXF as SMPTE 2034 and the EXF today is very close to the AXF draft it already contain all the specs of AXF plus some additional features.
Etere EXF is already able to store essence and medatata and multiple objects in one logical container including directory structure and permissions as in the proposed AXF, and it's based on the same XML technology.

Etere HSM already supports OAIS (Open Archival Information System) for source tracking, context, reference, open metadata encapsulation, and access control, also incorporate the technology for data integrity control at both file and container level. As soon as AXF will be released EXF will be AXF compatible

Etere, as usual, put the customers first; we will also deliver to our customers one utility to convert the legacy archive automatically to AXF free of charge.

**What is AXF?**

AXF takes the concept of an object store to a physical level by offering a fully
self-describing, self-contained encapsulation format for complex file collections.
AXF is a standardized way of storing files or file collections of any type and size,
along with their associated metadata collections, on any type of storage
technology or device (flash media, spinning disk, data tape, cloud, etc.) while
remaining independent of the host operating or file system.