

SeaChange® MediaManager

SeaChange® MediaManager (SMM) is the latest addition to the SeaChange playout and nearline archive solutions providing an elegant framework to manage assets located in SeaChange® MediaLibrary™ systems. It consists of a web server database application that centrally consolidates the metadata of all the assets available on SeaChange Broadcast MediaLibrary (BMLex/ex) and nearline MediaLibrary (ML1G) clustered systems.

MediaManager is a web application accessible from any web browser on the network and helps operational staff to organize, search and browse the thousands of assets currently stored in the SeaChange libraries. The SMM is always associated to a single or a pool of SeaChange MediaGateways (SMG) that are responsible for collecting all of the asset metadata and generating low resolution proxies and keyframes for each video asset found in the server(s).

KEY FEATURES

Global Asset Listing: SMM provides a user friendly single web page presentation of all assets stored on single or multiple SeaChange MediaLibrary systems. Each virtual storage volume listed by SMM represents one MediaLibrary and all the metadata of these assets which is collected and consolidated in the database. Within each volume, the user can organize the assets by creating a hierarchical folder structure in the database.

Low-bitrate Proxy File and Keyframes: Automatic generation of a low bitrate proxy file of every asset ID ingested by SeaChange MediaClient or file transferred into a MediaLibrary. Keyframes are also generated to represent every scene change detected in the video asset. More keyframes can be added while browsing the low bitrate proxy and simply marking a new frame.

Metadata Management: SMM provides a rapid web access to all users connected to the network to the various metadata of every asset. Metadata can be viewed and edited directly from the user interface of SMM.

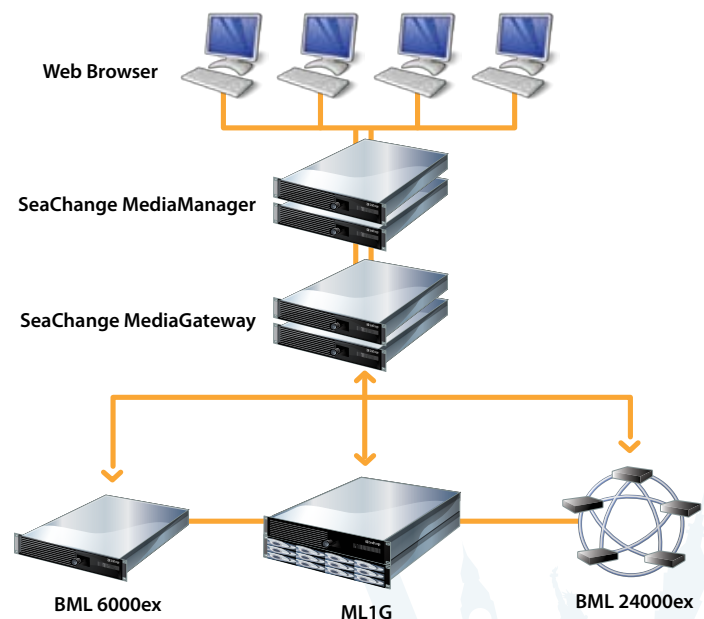
Safe: Every department such as the Library, Advertising & Sales or Traffic, can safely search and retrieve information of every assets stored in the Broadcast MediaLibrary. Searches can be done by using keywords or by creating simple filter queries for a quick retrieval of an asset.

Security: With its modular and non-intrusive architecture, SMM provides a very economical and multi-user access to all low bitrate proxies and keyframes. SMM allows searching and browsing without any possibility of affecting on-air operations or systems.



SeaChange MediaManager User Interface

Support for moving or copying assets between volumes will be added in the future release of the software. Rules may be created to automatically move the asset — for example between the Core ML1G storage and Edge BMLex storage. Manual copy will also be available.



Product Specifications

ASSET FORMAT SPECIFICATIONS

Source file format supported

- MPEG2 420/422 Long GOP (SD: 3 to 50Mbps) PS and TS
- MPEG2 420/422 I-Frame only (up to 300Mbps) PS and TS
- DV25/DV50 as SMPTE314M, IEC DV

Video preview file format (Low-bitrate proxy output file format)

- MPEG1, Windows Media and MPEG4 (H.264/AVC)
with up to 8 channels of audio

Keyframe file format (Keyframe output file format)

- JPEG

MINIMUM HARDWARE REQUIREMENTS

Compatible MediaLibrary models

- BML 24000e, 24000ex or 6000ex playout storage
- ML1G core storage

SeaChange MediaManager Web Application Server

- Single or Dual Broadcast Database Server (BDS)

SeaChange MediaGateway

- SMG Pro or Pro Plus Server with SMG Pro basic license kit and transcoding licence

SALES ORDER NO.	DESCRIPTION
FGA-0441-00	Single Broadcast database server
TLA-0183-00	Redundant Broadcast database server
FGA-0456-00	SMG processing server with 2x250GB internal storage for proxies and keyframes
SFW-3049-00	SMG Pro 1.6 license (4-stream pack)
EVL-0283-00	SMG Pro Plus with 7x250GB (1.7TB) internal storage for proxies and keyframes
SFW-3097-00	SeaChange MediaManager server licence including one low resolution transcoding licence for one SMG Pro

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