

# MASSProxy



## Creating low-bitrate, frame-accurate proxies of your broadcast assets that are accessible on your desktop through your network

The sheer volume of audio and video content in today's typical broadcast facilities has made it extremely difficult to track the material, or assets, as they move from one digital storage system to another. Broadcast quality digital content has been cumbersome to access, view, and manipulate without high-cost editing, large bandwidth, and video server based systems.

Masstech Group has developed a core set of hardware and software products to make asset accessibility simple. The MassProxy transcode engine produces frame-accurate, low bitrate audio/video files from original high resolution MPEG2 files and makes them accessible across a network or the Internet onto your desktop with no special client software required.



*MassProxy contains frame accurate representative views of assets under Masstech control using standard desktop media players.*

One of the key problems with traditional asset management systems has been the limited access to the assets within the system. MassProxy overcomes that, offering a direct interface into MassStore or acting as a stand-alone proxy generation engine under control of other applications via its open XML API. With an integrated MassStore/MassProxy environment, the frame-accurate proxy content is directly linked to the original broadcast assets in the Oracle based asset management system. A MassStore user, through the standard Web interface, can select an asset and actually browse the video/audio right at their desktop. And because the proxy asset is created directly from the original MPEG2 data stream, there is never any question as to the accuracy of the proxy content.

The tight integration between each of the modules within the MassStore system extends to the powerful MassProxy transcode engine as well. The system can be configured to automatically generate low-bitrate proxy versions of all ingested content with no user intervention required. With its focus on extensibility, additional MassProxy transcode engines can be added to a MassStore infrastructure to provide multiple simultaneous transcode streams.

### MassProxy Features

- Direct support for MPEG assets created on any broadcast video server
- Allow any user to view frame-accurate copies of assets from anywhere a TCP/IP connection exists through standard Web browser interface -- no client software to install, no additional cost
- Simplifies viewing and QA - no need for expensive video server output and automation systems.
- Allows groups to view and manage their content across all of their stations using desktop tools and standard network bandwidth

