

Surf Asset Management System



- Efficiently search, edit, and approve video server content with free, familiar web tools
- Conserve server channels for on-air or technical operations
- Eliminate cost and delay of dub tapes
- Intelligent storyboards allow rapid scan of search results
- Instantly view assets on multiple servers and archives
- Re-purpose selected content to the Internet

Surf Asset Browsing

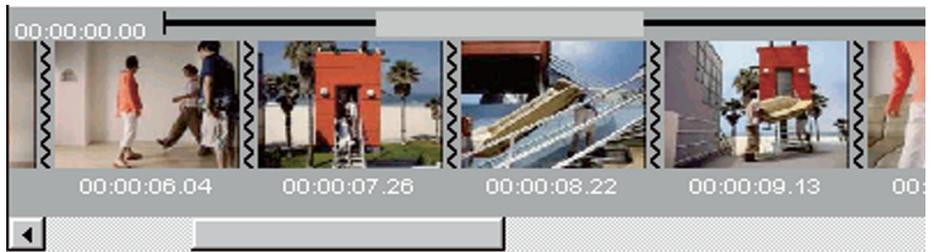
Surf is a complete, inexpensive solution for introducing asset management into broadcast facilities. Combining Internet fuzzy search and streaming media technology with tight integration to video servers and archives, Surf allows video server content to be searched and reviewed from every computer on your network. As video is loaded or modified on the Media Pool, EditStream, or other server, Surf automatically creates a low-resolution MPEG copy that can be viewed using standard web browser technology. Surf can also create a Real Video proxy that can be viewed over a modem connection.

Surf allows asset keywords and abstracts to be searched using simple Internet-style search tools. Surf also automatically generates a zoom-able storyboard of scene changes for each asset, allowing review several times faster than shuttling through a tape.

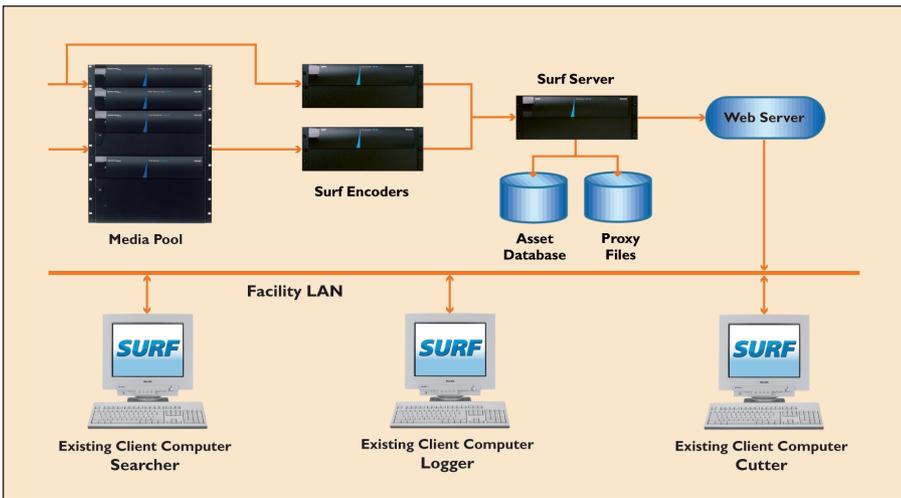
Surf is designed to reduce costs by eliminating dub tapes and allowing easy research to re-purpose content instead of

- **Frame-accurate Proxy Editor with source time code display**
- **EDL Conformance or Import on Media Pool and EditStream**
- **Remote access using Real Video**
- **Web-like text search of asset keywords or abstracts**
- **Keyword Logging of asset or timecode ranges**

re-shooting it. Surf can also track assets as they are moved between multiple servers and tape robots, allowing content to be located and reviewed without waiting for file transfers or tape restores.



Intelligent storyboards allow rapid review of assets by scrolling through thumbnails of scene changes.



Surf's components provide a complete asset management solution for multi-server environments.

Surf Proxy Logging and Editing

Many assets do not have detailed logging information when ingested or in facilities without loggers or archivists. With Surf, the results of a fuzzy search on limited metadata can be quickly reviewed by storyboards to find the material of interest.

For catalogued archives, Surf's Logging Page allows association of keywords with particular frames or segments within an asset. Documents may also be associated with the video content to record shot lists, approvals, or instructions.

Using Surf's Proxy Editor, assets may be segmented, trimmed, or combined into new assets. The Editor combines multisource non-linear editing with advanced navigation tools based on Surf's storyboards and keywords. Edit lists from the Editor may be saved as assets in Surf to allow quick review and collaboration and may be automatically conformed on the Media Pool or imported into

EditStream. All Surf applications display video server time code for true frame accuracy.

Free, Familiar Access and Internet Re-purposing

Users access Surf with Microsoft Internet Explorer and Windows Media Player, so there is no new software to buy, install, or learn. Real Video proxies of selected Surf assets may be copied, along with associated documents, automatically to your existing web servers.

Surf Systems

Since Surf is offered as a complete hardware and software solution, the cost and risk of assembling a system from multiple components is eliminated. Surf servers store the proxy files and metadata internally or on optional drive arrays. Surf encoders encode video server content in either simultaneous mode, for immediate review of proxies, and in sequential mode for background encoding.

Gateway to Advanced Enterprise Asset Management

Surf's technology is also being used to interface video servers and archives to advanced asset and content management systems with advanced search capability, rights management, workflow tools, and remote collaboration and transmission features.

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	<p>Philips Flat TV Beach House Philips "flat TV" beach car surfing dudes {music bed} #12358732 On Air Server A NearLine Archive <input type="checkbox"/> bin log 00:00:30.05 C 11.499 13:50 M22.8.99 09:30</p>

Surf returns ranked search results in a familiar web interface

Let's make things better.



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