

Omneon TrackTool™

TrackTool is a powerful new Omneon utility which allows users to modify media content on an Omneon Spectrum™ media server, while also enabling intelligent management of the components that make a media clip. With TrackTool, operators can easily add, change, or remove any component, as well as incorporate unique metadata about specific components.

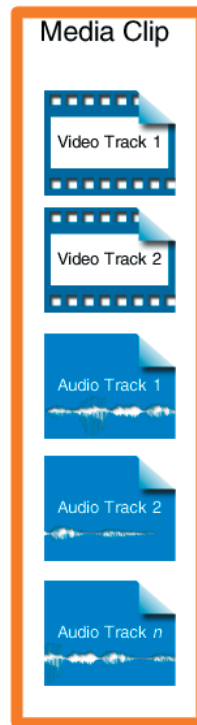
TrackTool helps promote new, more efficient broadcast workflows, and helps facilities take advantage of a digital, networked server-based infrastructure tailored to more non-linear, multi-purpose processes. By giving operators very specific control over the material stored within their server, TrackTool combined with an Omneon system provides the ability to manipulate and alter the content in ways that are simply not possible in tape-based infrastructures.

Omneon Spectrum media servers have the advanced ability to treat discrete essence elements (tracks) of a media clip separately, allowing operators to add, change or delete individual components easily. Video and audio can be managed independently and yet remain linked together as a complete clip within the system.

The need to add to or replace audio tracks associated with a clip (to add a voice-over in another language, for example) in the past has required an editing step in the workflow, whereby the clip is decoded, an audio edit is performed, and a new clip is recorded back to the server for playout. This extra step is both a bottleneck in workflow, and degrading to the quality of the video image. With TrackTool, adding one or more audio tracks to an existing clip is fast and easy. Language dubs can be created offline and then added to the original clip in a faster-than-real-time manner.

Add and Order Audio Tracks Faster than Real Time

Even with its powerful features, operation of the TrackTool is extremely simple. The user selects the clip using a standard Windows-based GUI and adds a new audio track from the media stored on the Omneon server. TrackTool can also be used to change the “stacking order” of the audio tracks. By default, audio will play out of an Omneon server in the order in which the tracks are stacked: the first track will play out of AES output number 1, the second out of AES output number 2, and so on, up to the capacity of the MediaPort. With this new capability, an Administrator or Librarian can adjust the stacking order of the clip without any other changes being required to the automation run-down or other external applications.



› BENEFITS

Minimize Costs and Errors

In addition to simply managing tracks within a clip, TrackTool also “tags” them with an identifier. When used in conjunction with an Omneon Spectrum system, a specific audio track can be automatically routed to the correct output based on the identifier. No more duplication costs, no more on-air errors.

Easy to Use

Operation of the TrackTool is easy. Open the desired clip, add or change the desired track(s) and save the result. Attaching tracks happens faster than real-time and audio track lengths are automatically adjusted to match the duration of the video track.

Multi-Format Operation

TrackTool can add audio tracks in .wav (Windows) or .aiff (Macintosh) format to any MPEG or DV clip stored on an Omneon Spectrum system.

Additional Uses

- Separately manage different types of audio tracks, such as narrations, music, etc.
- Distribute a single media clip to local broadcasters with all languages already included

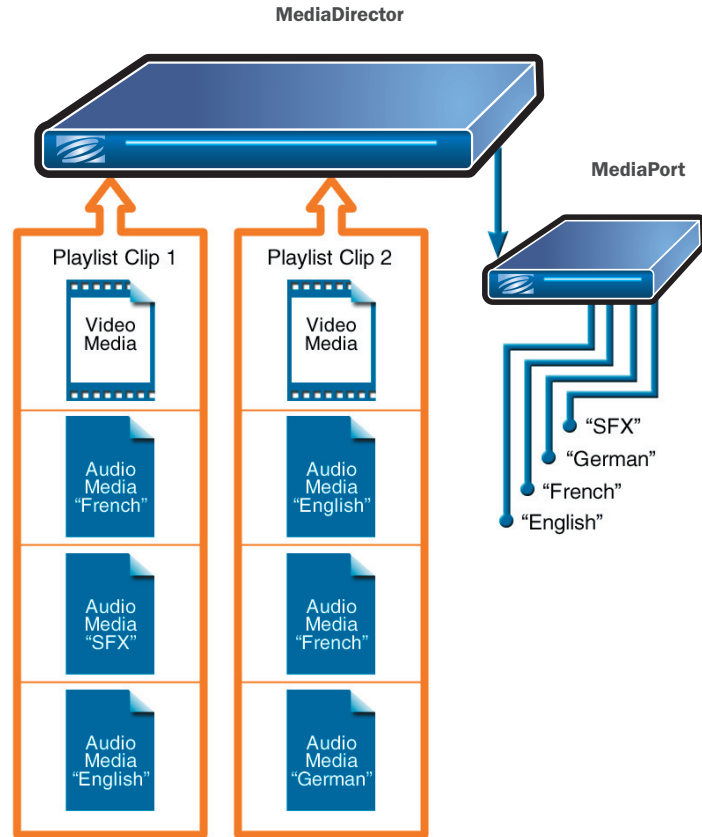
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Omneon TrackTool

Automated Track Routing

An extremely powerful feature of Omneon Spectrum media servers is their ability to automatically route audio tracks within a media clip to a specific audio output by matching a track identifier embedded into the clip with an identifier assigned to output ports on a MediaPort. The correct audio track (voice over, second language, or music bed, for example) automatically plays out of the audio output labeled with the same identifier. No operator intervention is required to ensure complete accuracy of track to output. Additionally, a single clip can now contain all of the various audio tracks required to play out multiple languages, reducing media management complexity, duplication, and archive issues. TrackTool provides a means to label the audio tracks within a clip with the identifier (name/language) that will be used to route the audio in the MediaPort.



Two clips, with multiple audio tracks, have been prepared using the Omneon TrackTool. Audio tracks have been assigned a language identifier and the clips are scheduled back to back in a playlist. Note that English and French appear in different positions in the stack and clip 2 has a German track and no SFX track. On the server side, the output channels of the MediaPort have been configured to play tracks based on their identifier tag automatically. Once these assignments are made, operators never need to worry about which audio track will be played on a specific audio output channel. English will always appear on AES 1/2 regardless of its position in the stack, and outputs are automatically muted when there is no corresponding track assigned.

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www.omneon.com

US Headquarters:

965 Stewart Drive
Sunnyvale, CA 94085
ph +1 866.861.5690
ph +1.408.585.5000
fx +1 408.585.5099

Europe:

20 Campbell Court
Bramley, Basingstoke
Hampshire RG26 5EG UK
ph +44 (0) 1256.884.450
fx +44 (0) 1256.880.900

Japan:

1-21-3 Ebisu, Suite #101,
Shibuya-ku, Tokyo, 150-001
ph +81 03.5488.7425
fx +81 03.5488.7433

Asia/Pacific:

20 Loyang Crescent
Singapore 508984
ph +65.6548.0500
fx +65.6548.0504

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