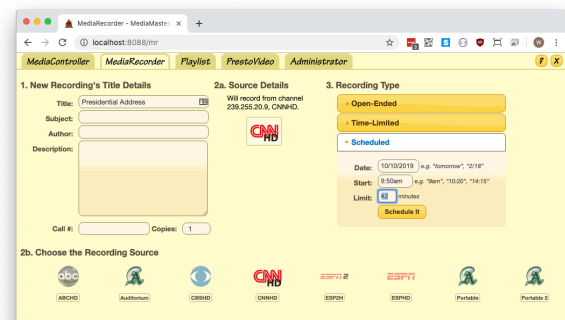


MediaMaster™ Video On Demand System

MediaRecorder

MM-1138



Requirements

- A modern web browser: Chrome, Firefox, Safari, MS Edge
- MM-128x series digital video encoders
- MediaMaster MM-1289 digital TV tuning systems

Description

MediaMaster's MediaRecorder feature allows direct recording of IPTV content to a MediaMaster DV server, sourced from our MM-1581-HD streaming camera carts or other video sources via our standalone MM-128x series encoders. The resulting files may then later be streamed on demand to MM-127x series set-top boxes or the PC desktop.

This media ingest path directly creates DV titles for use with Media-Controller (MM-1150) and Playlist (MM-1160) without having to do a separate manual file upload. Further benefits accrue such as automatic transcoding to alternative output formats.

MediaRecorder can also record live TV channels in an IPTV based system via MediaMaster digital TV systems. (MM-1289 series products.) Such recordings may either be immediate, or with an optional recording time limit, or scheduled for a future time. An example of this use case is, "record the Volcanoes program on PBS tonight at 8pm for 1 hour." Teachers arriving the next morning will find a new VoD title.

MediaRecorder integrates with the MediaMaster Server's indirect channel tuning feature, which allows a system to have access to many more cable and/or satellite TV channels than the site has TV tuners. MediaRecorder will automatically negotiate use of a tuner just as an interactive user would.

Once MediaRecorder finishes a recording, it automatically creates the VoD title, attaches the DV file to it, and prepares it for streaming. The recording can be stopped manually, but MediaRecorder also allows time-limited recording so that the user does not have to be physically present at the end of the recording time in order to finalize and upload the finished DV recording, as in prior systems.

Features

- Automatic DV ingest
- Flexible recording modes:
 - open-ended recording
 - time-limited immediate encoding; record live TV programs
 - schedule recordings; "VCR mode"
 - physical medium recordings: give title details, insert medium into player selected by server, then return to the PC to control that source and start the MediaRecorder background encode and ingest process
- Direct source control for physical medium ingest: fast-forward past unwanted content at the start before starting actual recording
- Use daytime DV resources after hours automatically



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