



STARDIVA® – Software products and functionality

Overview of individual STARDIVA® software products and their functionality as well as additional tools supporting work with recordings and transcription.

„SDAudioRecorder“ – Audio Recording

At the heart of the STARDIVA® suite, the “SDAudioRecorder” combines the audio channels and the session’s description and information flow (so called Meta data) into a single media file, which is the basis for later transcription:



Functional overview:

- Recording of up to 8 channels simultaneously
- Creation of the proprietary STARDIVA® media file, which in addition to the audio data also contains all additional information regarding the recorded session and its time based information flow (Meta data).
- Support of different audio compression standards by using different encoding plugins.
- The additionally stored Meta data is coded in UNICODE format, such providing support for languages, not based on roman character sets.
- The “SDAudioRecorder” can be used in standalone mode on a client or its functionality being controlled over the network by „SDRecordCtrl“, „SDRemoteRecording“ or „SDMonitor“.
- Transfer of current device status to an optional central „SDMonitor“ service for visualization.
- Possibility for configuration and control using command line tokens.

„SDVideoRecorder“ – Video Recording

The „SDVideoRecorder“ product generally has the identical functionality as the „SDAudioRecorder“, but also records a video channel in the common H.264 format – also within the single STARDIVA® media file..



WARNING: *This application is currently under redesign/redevelopment to handle new video common video standards (SD/HD). Information regarding availability on request.*



„SDRecordCtrl“ – simple recorder control over the network

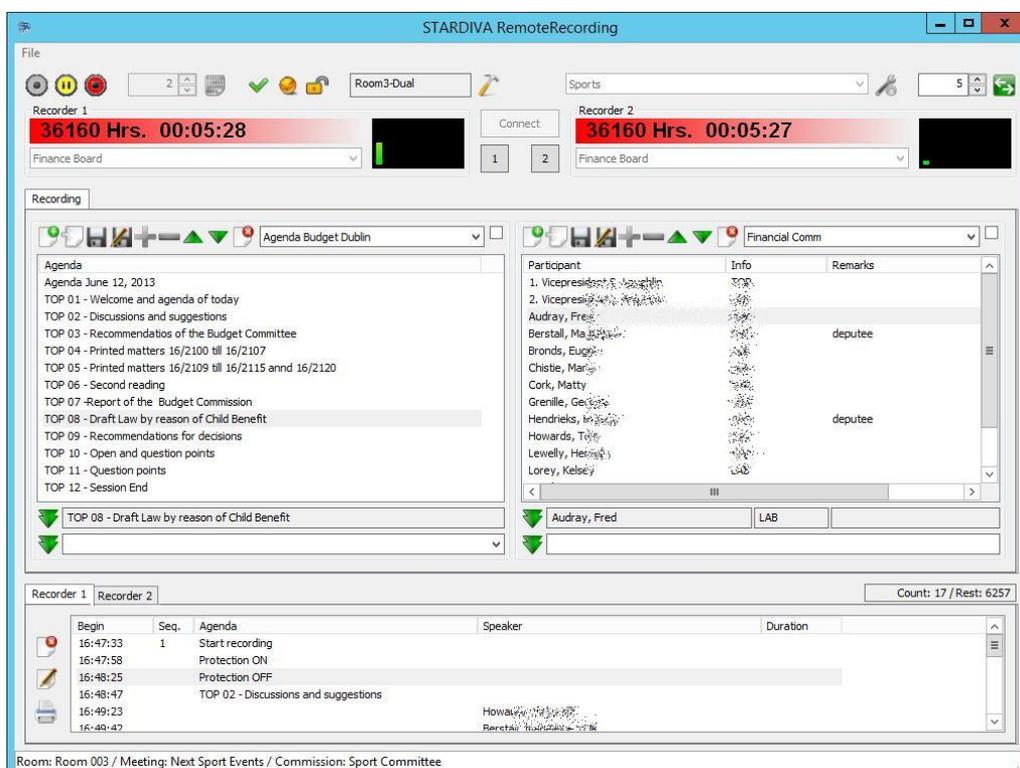
Using the „SDRecordCtrl“ you can remote control all basic functionality of the recorders from a different location over your internal network – i.e. from the conference room:



In addition to the basic start, pause and stop control, the application allows selection of the recording profile, sequence control and adding of user marks as Meta data.

„SDRemoteRecording“ – comfortable recorder control over the network

„SDRemoteRecording“ is the enhanced and more comfortable application for recorder control over the network. In addition to the basic recording functionality, the application is used to add the time based information flow of the session. Speakers and topics can simply be selected from pre-configured lists and will be added into the recording as Meta data.





Depending on the scale of your STARDIVA® installation, the application provides the following communication with the recorder(s):

- Connection to a single recorder via network to a server based or a locally installed recorder for control and provision of the Meta data.
- Parallel connection with 2 individual server based recorders providing full redundant recording for higher safety and reliability.
- On startup, but also during regular usage, it is possible to switch between recording locations, i.e. control the recorder for a different room. This is dependent on the server and recorder layout of your STARDIVA® installation.

Functional overview:

- Creation of separate recording profiles (so called „Presets“) for definition of individual but repeating descriptions of sessions:

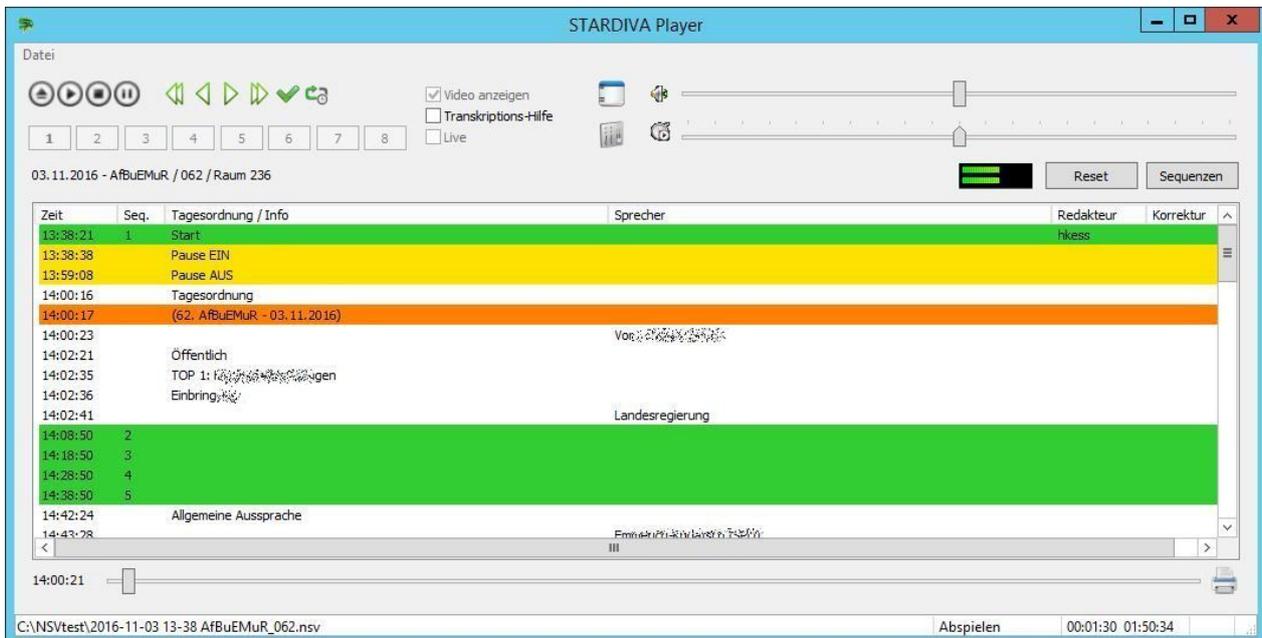
- For security purposes, parts of or a whole recording can be protected by passwords. Playback of the recording or the protected parts is only possible when providing this password.
- Possibility of adding special enumerated information like interjections or markings as Meta data.
- Each recording is automatically divided into logical sequences. The time length of such a sequence can be dynamically controlled even during recording.



- Selection of current topic or speaker in the session's time flow. This data can be prepared beforehand and made available by import or over a shared network location.
- These lists can be quickly selected, switched, edited or enhanced locally during recording. Also the addition of free text is available i.e. for unexpected topics or guests.
- During recording, Meta data can be deleted or modified "on the fly" i.e. to delete a wrong selection or rectify its contents.
- As this information is stored with a current timestamp as Meta data, a simple (and supported) printout is possible thus providing a simple protocol of the recorded session.
- Possibility for configuration and control using command line tokens.

„SDPlayer“ – Recording Playback

The „SDPlayer“ is of proprietary design and specialized for playback of STARTDIVA® media files including the visualization of the stored Meta data of the sessions time based information flow:



Functional overview:

- Support of all STARDIVA® media formats, also from older recordings (pre 2012). In addition most common media formats like MP3, WAV or WMA can be played, even though no Meta information is available. Also, the DSS format from mobile recording hardware can be processed
- Support for foot pedals connected by USB for playback control. Most common models from manufacturers like „Olympus“, „Infinity“ or „Philipp“ are already supported. Additional hardware can be added on request.
- Positioning within the recording is provided by regular short and long jumps or configurable loops. Also each Meta entry (sequence, topic, speaker, mark etc.) can be selected from the Meta list and used for direct positioning on the event.
- Playback is possible during active recordings! Also a slightly delayed “live” listening to the active recording for orientation.
- To speed up transcription of long recordings a sequence based playback can be selected. For each sequence, the current transcriber and proof reader can be identified by a short marker. This information is also stored in the media file and so instantly visible for each member of a transcription workgroup.



- An additional „Helper“ window can be activated which will stay „always on top“ and thus provide playback control even though a different master window i.e. word processing is active:



- For media selection, all available recordings are listed from a specified (network) location. This selection can be filtered or specific search criteria can be applied. It is possible to define multiple different locations and quickly switch between during media selection.
- Print output of the full recorded session's time based information flow (Meta data).
- Possibility for configuration and control using command line tokens.

„SDAdminPlayer“ – Playback with additional administrative functionality

The „SDAdminPlayer“ has the identical basic functionality as the „SDPlayer“. In Addition, specific functions are added to provide administrative access to the STARDIVA media file:

- Modification of the base description data for the session such as the meetings name, room or electoral period, as well as the passwords for playback and protected parts of the recording.
- Meta data for topics and speakers can be added, edited or deleted from the recording.
- When sequence playback is used – the additional short markers to identify transcribers can be modified
- The media selection function can be used to logically (not physically) „delete“ files from the selection list.