

Flashlog 8

Version 8.05r7 Release Notes

New features and bug fixes since the initial 8.00 release

8.05r7 (released 21/5/2023)

- Invalid URLs in top-level HLS media playlists are now ignored.

8.05r6 (released 27/3/2023)

- Fixed a bug with HLS streams that could cause them to hang indefinitely following a network error.

8.05r5 (released 6/3/2023)

- Added support for the Sealevel driver for the 8006e skimming card.

8.05r4 (released 3/7/2022)

- Fixed a bug with redirected Shoutcast/Icecast streams that could cause them to hang indefinitely following a network error.

8.05r3 (released 13/4/2022)

- Fixed a bug in the HLS stream m3u parser that caused it to hang on blank lines.

8.05r2 (released 13/9/2021)

- Added support for URL redirection on Shoutcast/Icecast internet streams.

8.05r1 (released 1/9/2021)

- Added support for chunked transport on Shoutcast/Icecast internet streams.

8.05r0 (released 4/1/2021)

- A major upgrade to support more than 32 DAB services on an ensemble.
- Fixed a small memory leak in SNMP queries to internet stream names.

8.04r16 (released 10/3/2020)

- Fixed a handle leak in SNMP queries to DAB service names.

8.04r15 (released 10/3/2020)

- Added a backslash to the audio path in calls to the audio path name in calls to GetDiskFreeSpaceEx as this seems to be needed in some circumstances.

8.04r14 (released 4/1/2020)

- Fixed a bug with saving mono internet streams as MP3. Also removed timecall mode and Save As WMA from internet streams due to sampling rate conflicts.

8.04r13 (released 27/4/2019)

- Added support for .ts transport layer encapsulation in HLS internet streams.
- Added support for https in HLS internet streams.

8.04r12 (released 5/4/2019)

- Fixed a bug with audio failure alarms not working in HLS internet streams.

8.04r11 (released 30/11/2018)

- Added support for Shoutcast streams encoded as AAC-LC.

8.04r10 (released 8/10/2018)

- Additional option for Flashlog LT.

8.04r9 (released 6/9/2018)

- Fixed a couple of bugs that caused Shoutcast AAC streams not to display waveforms when initially false synchronising to what looked like an ADTS header in the random AAC audio payload.

8.04r8 (released 4/6/2018)

- Fixed a problem with the waveform display on MP3 streams showing full scale during total silence, and also added some smoothing to remove the occasional spikes.
- Fixed a problem with internet streams in demo mode.

8.04r7 (released 3/7/2017)

- Allows recording from Wheatstone microphone inputs.

8.04r6 (released 18/5/2017)

- Allows recording from PC-AD2 microphone inputs.

8.04r5 (released 9/3/2017)

- A bug introduced in the last update that caused the recorder service to ignore any AM Radcap sources has been fixed.

8.04r4 (released 25/10/2016)

- When a DAB ensemble name changes, SNMP now shows the new name instead of the old one.
- Channel, DAB service and internet stream names that contain one or more of the characters forbidden in Windows file names now have those characters replaced by an underscore when saving to a file or archiving.

8.04r3 (released 27/6/2016)

- Fixed a bug that could cause the recorder to fail to start when used with devices having multiple recording endpoints sharing an A/D converter.

8.04r2 (released 10/5/2016)

- Added a Flashlog LT Trial mode.

8.04r1 (released 28/4/2016)

- Fixed a bug that would cause RTMP streams to hang.
- Added checking to gracefully shut down the recorder service if it loses access to its audio storage.

8.04 (released 18/4/2016)

- Added support for HLS internet streaming protocol.
- Introduced the Flashlog LT option.
- Fixed a bug that could cause Shoutcast/Icecast streams to hang if connection to the server is lost.

8.03r1 (released 24/11/2015)

- Fixed a bug that prevented the recorder from connecting to some Shoutcast/Icecast streams.

8.03 (released 12/11/2015)

- Added a time zone setting to internet streams so that the date and time displayed on playback corresponds to the originating zone.

8.02r8 (released 27/10/2015)

- Added a bit-rate calculation for initialising internet streams that don't include the bit-rate metadata.

8.02r7 (released 10/9/2015)

- Fixed a bug that caused the player to crash when saving extracts to files on Windows 8.

8.02r6 (released 8/9/2015)

- Each archive event on a channel now has its own status indicator, with an error message tool tip on failure. The channel's *Arch* button now shows the status of the current or most recent event.
- The recorder service is now set to depend on the LanmanServer service as well as the AudioSrv service, to ensure that the network subsystem is running before any archiving begins.
- A bug in the SNMP DLL that prevented the failure of one side of a stereo line input from being detected has been fixed.

8.02r5 (released 12/8/2015)

- The DLS/RDS text can now be copied to the clipboard.
- Fixed a bug that caused the volume control not to work correctly when the playback device is configured as something other than 2-channel stereo (i.e. mono or surround sound).
- Fixed a bug that prevented the skimming indicators from working if there were no line channel subcategories.

8.02r4 (released 4/8/2015)

- Fixed a bug affecting the line channel mode buttons when there are more than 32 input sources.

8.02r3 (released 24/7/2015)

- Added seconds fields to the archive event start and end times.

8.02r2 (released 20/7/2015)

- Fixed a bug causing heap corruption in the player waveform buffer handling.
- Fixed a bug that disabled the Save-To-File and Save-To-Clipboard buttons when incrementing or decrementing the Minutes, Ten Minutes or Hours even though a segment was still marked.

8.02r1 (released 1/7/2015)

- Duplicate DAB service IDs across multiple ensembles now tolerated.
- Double-clicking in the waveform window now marks the current waveform span for saving or copying.

- Flashback is now provided as an msi package instead of a setup.exe file.
- 8.02 (released 24/3/2015)
- Added archiving feature.
 - Added support for M3U and M3U8 internet stream playlist URLs.
 - Provided a workaround for stalled input streams that can occur with the newer Wheatnet IP drivers.
 - Fixed a bug preventing renaming of mono line channels.
 - Fixed lack of support for MPEG version 2 layer 3 (low bit-rate MP3) on internet streams.
- 8.01r4 (released 15/10/2014)
- Fixed a problem in the recorder service causing it to miscalculate the drive space needed for AM channels.
 - Fixed a problem in the recorder service causing it to double-count the drive space reserved for the operating system when the audio is stored on a separate partition to the system.
- 8.01r3 (released 12/9/2014)
- Fixed a problem that caused no playback channels to be shown when a logger has only internet streams.
- 8.01r2 (released 4/9/2014)
- Fixed a problem that prevented a DAB ensemble from being set to zero days.
- 8.01r1 (released 29/8/2014)
- Fixed a problem in the internet streaming URL parser that would cause the recorder service to terminate if the URL was invalid.
 - Fixed a problem with Shoutcast/Icecast URLs longer than 49 characters failing to connect.
 - Fixed a problem with some Shoutcast/Icecast file handles not being closed when an internet stream disconnects.
- 8.01 (released 22/8/2014)
- Added support for internet radio streams using Shoutcast / Icecast or Flash (RTMP) protocols.
 - Fixed a problem with SNMP audio status and traps associated with line channels set to dual mono.
 - Fixed a number of issues causing the SNMP DAB service stream status indicator not to report erroneous conditions.
 - Fixed a problem that could cause some DAB services not to appear in the SNMP Broadcaster Services table when a broadcaster owns services across multiple ensembles.
- 8.00.2 (released 2/4/2014)
- When a new ensemble is first seen, the number of logging days is set to the default value if there's sufficient hard drive space, otherwise it's set to zero.
 - A bug has been fixed that caused saving DAB audio to the clipboard or files to fail if the DAB service wasn't present for the entire marked interval.
- 8.00.1 (released 7/3/2014)
- Added support for Axia GPIO event logging.
 - Fixed bugs associated with changing the number of days.

Notes

MOT Slideshows

For the moment Flashlog 8 and Flashback 8 operate in accordance with the “Simple Profile” described in TS 101 499, but it is intended for future releases to support the “Enhanced Profile”.

Special Registry Values

Flashlog 8

HKEY_LOCAL_MACHINE\Software\Innescorp\Flashlog8

32-bit DWORD value **AllowSave**

0 – save-to-file and save-to-clipboard disabled

1 – save-to-file and save-to-clipboard enabled

Flashback 8

HKEY_CURRENT_USER\Software\Innescorp\Flashback8

32-bit DWORD value **AllowSave**

0 – save-to-file and save-to-clipboard disabled

1 – save-to-file and save-to-clipboard enabled

HKEY_CURRENT_USER\Software\Innescorp\Flashback8

32-bit DWORD value **LoggerListMode**

0 – logger list is read-only (Add, Delete and Search disabled)

1 – Add and Delete enabled, Search disabled

2 – Add, delete and Search enabled

HKEY_CURRENT_USER\Software\Innescorp\Flashback8

32-bit DWORD value **Timeout**

This sets the inactivity timeout period in minutes. The default timeout is 1440 minutes if this value isn't present. Setting the value to 0 disables the timeout.

These values can also be placed under

HKEY_LOCAL_MACHINE\Software\Innescorp\Flashback8 in which case they will provide default settings for all users not specifically overridden by HKEY_CURRENT_USER values.

In the absence of these registry values, the “Save” and “Logger List” functions remain fully enabled.

Sub-keys representing logger names can also be created under HKEY_LOCAL_MACHINE\Software\Innecorp\Flashback8 to install loggers for all users of a Flashback PC. For compatibility with Windows Vista and later versions, these globally-defined loggers can't be deleted from the logger list dialog box as HKEY_LOCAL_MACHINE is read-only for non-elevated applications.