# SONIFEX

# Flashlog 7 to Flashlog 8 Upgrade

## Prerequisites

- As Flashlog 8 supports SNMP as standard, it is necessary to install the Windows SNMP service. Go to Control Panel – Programs, select *Turn Windows Features On or Off* and enable *Simple Network Management Protocol (SNMP)*. Click OK to proceed.
- Flashback 7 cannot access loggers running Flashlog 8, so all instances of Flashback on your network must be upgraded to Flashback 8. Flashback 8 is free and is backwards compatible with all loggers from Flashlog 5 onwards.
- Flashlog 8 supports RDS logging on FM Radcap stations as standard. If you want to take advantage of this, the RDS option on the card driver's configuration page must be enabled. Open Device Manager, right-click on the FM Radcap driver, select Properties and go to the Configuration page. Tick the RDS box and click OK. This will generally require a reboot – you can either do it straight away or leave it until the reboot triggered by completion of the upgrade.
- Flashlog 8 requires the DAB Radcap driver to be updated to version 8.0.0.3520 or later. This will be done automatically by the upgrade program if needed, but should be kept in mind if installing DAB Radcap cards at a later date.
- We recommend updating all audio card drivers to the latest version.
- An MIB file for Flashlog 8 is included in the package for use with any SNMP applications. This is loaded into your application, *not* onto the logger.

## Procedure

- Extract the entire contents of the upgrade zip file onto a flash drive and insert it into the logger.
- Run FlashlogSevenToFlashlogEight.exe. Click Yes to allow elevation to Administrator level.
- If the Windows SNMP service hasn't been installed, a warning message will appear and the upgrade will exit. Install SNMP as described above and start again.
- The upgrade program displays a list tallying all the audio input devices present on the logger. Please check this carefully and make sure it corresponds exactly

with how your logger is configured before ticking the acknowledgment box. **Any discrepancy must be addressed before proceeding or data may be lost.**

- It is possible that, at some point in time, additional audio input devices may have been seen by the Flashlog recorder, resulting in orphaned audio files. The upgrade application will check for this and ask whether they should be deleted. The upgrade will not proceed if orphaned files are left on the logger, as this will impinge on the accuracy of the storage calculator used to determine the available logging day ranges on each channel or ensemble.

- If all is well, you will be shown the Hardware ID number and asked to enter the FL8 Activation Key. Contact Sonifex or your distributor to obtain this key, remembering to indicate whether your logger has DAB logging enabled.

- Enter the Activation Key and click on Start. Note that the Start button is greyed out until a valid key is seen.

- The upgrade process may take about ten or twenty seconds. During this time, Windows may show it as not responding but that's normal, as it's not checking for user input while it's manipulating the files. If any problems occur, a message will be displayed and the upgrade aborted. In such a case, the logger will reboot and resume running Flashlog 7. If all is well, a notification box will appear saying that the upgrade has completed. Clicking on OK will cause the logger to reboot and begin its new life as a Flashlog 8.

- A detailed log file is written to c:\logger\upgrade.txt. Please include this when reporting any problems.

# Welcome to Flashlog 8

Here's a quick guide to some of the new features in Flashlog 8.

- **Line channel subcategories** – up to four subcategories can be created, each of which can contain up to sixteen stereo channels. Each input source can be assigned to any one of the subcategories. Click on the Configure button at the bottom of the Sources page to set up subcategories.

- **Independently field-adjustable logging days** – the number of days can be changed for each line / AM / FM / internet stream channel and each DAB ensemble. Note that, for DAB, this setting is ensemble-wide due to the way the data stream is stored. To change the number of days, the Flashlog application must be run with Administrator privileges enabled. To do this, close the application, open Programs – Startup, right-click on Flashlog 8 and select *Run As Administrator*. Be aware that reducing the number of days will cause the oldest recordings to be **immediately** and **permanently deleted**. A reboot will occur when changing the number of days due to Windows restrictions on renaming folders.

- **Full Unicode support on all text fields** – provides display of non-English character sets in DLS text as well as on channel, service and ensemble name fields.

- **Save-as-MP3** – the Flashlog 8 player and Flashback 8 provide this option when saving marked sections of the log (not available in the USA until 2018 due to unexpired patents).
- **Improved calendar navigation** – the calendar control now displays the available range of logging days, with the go-to-start and go-to-end buttons moving to the earliest and latest recording in that channel's log when no sections are marked.
- **RDS logging** – If the FM Radcap driver has RDS enabled, the station label and RadioText information are logged, with the label appearing on the station button and the RadioText showing in the DLS box on playback. RDS indicators are provided for each station on the Sources page.
- **SNMP** – Flashlog 8 provides SNMP status monitoring and, optionally, traps, covering audio failure, carrier failure on AM/FM stations and stream status on DAB ensembles and services. Refer to the manual for a detailed description of this. The Flashlog 8 MIB file is included in the upgrade zip file.
- **DAB Ensemble RF Level** – when used with the new PCIe DAB+ Radcap card, an RF signal level indication is shown on the Sources page. This indicator is greyed out with the old PCI card as the tuner chip used on that card does not provide any RF level information.
- **Internet Stream Logging** – Up to 32 internet radio streams using Shoutcast, Icecast, Flash (RTMP) or HLS protocols can be logged. MP3 and HE-AAC audio compression formats are supported. On playback, the stream header information and any artist/title metadata is displayed.
- **Archiving** – the Flashlog recorder can be configured to store permanent audio archives of specified time intervals to external network storage. The archives are recorded in parallel with the normal logging.