This document supports Firmware Version 1.1.

www.telestream.net

D00010045
Release notes

This document describes new features, improvements, and limitations of Firmware Version 1.1 for the ECO8000 Automatic Changeover Unit.

The Version 1.1 firmware upgrade package can be downloaded from www.telestream.net/video/resources.htm. The package consists of a ZIP file containing two files: firmware.pkg and transfer.exe. The transfer.exe program is used when upgrading the ECO firmware package through a network connection. Complete instructions can be found in the ECO8000 User Manual.

New features

Channel Control System access from Web Interface

The Web Interface has been updated to include buttons for the Channel Control System, comprised of PANEL ENABLE button, the AUTO/MANUAL mode selection, PRIMARY/BACKUP source selection, and FAULT RESET. A Control tab will be visible on the Web Interface main page when the ECO is in Extended Control mode. The tab is not visible when the ECO is in Safe Control mode, which was formerly called Full Control in previous firmware versions. To set the mode select SYSTEM CONFIG and then select the WEB USER INTERFACE menu.

Safe Control mode will limit access to the Channel Control System only to the front panel buttons. Extended Control mode should be used only if you do not have physical access to the ECO, such as when it is installed in a remote facility without local operators.

Timestamp included in email messages for system events

If event reporting is configured to send email messages for selected events, the time-of-day will now be included in the message body.

Fixed firmware limitations

These limitations are fixed in this firmware version:

SNMP settings do not affect web interface

The Web Interface will continue to operate if either of the public and private SNMP community strings are changed from their default values. In the previous firmware version, the Web Interface was only available if the strings were set to “public” and “private” respectively.

Power supply fault reporting

Under some circumstances, an extraneous “PS DC FAULT” message would be reported in addition to the expected “PS SWITCHOVER” messages when the active power supply was switched. In version 1.1, those extraneous messages do not appear in the event log.
The netmask for the IP address of the management port can now be set to any valid width (for example 255.255.255.240 for a /28 CIDR range).

General limitations

This firmware release has general limitations, which are outlined in this section. Check the Telestream website (www.telestream.net/video/sync-and-reference-generators.htm) for any firmware updates to the ECO8000 changeover unit.

The FAULT RESET button on the front panel will operate in either AUTO or MANUAL mode. From the Web Interface (in Extended Control mode), MANUAL mode must be selected first.

Under some circumstances, the network connection will not be restored if the LAN cable is disconnected and then reconnected.

If a fault occurs on one or more channels, the event log record does not include those channel numbers. The Web Interface and front panel display will show the channel numbers for current faults, but not for past faults that have been cleared.