



App Loader Firmware Release

March 27, 2009

These Release Notes describes the key product features, enhancements and fixes for the App Loader firmware release. Included in this document are installation and update instruction, and technical support contacts.

Key features:

- **Fixes problem with App Loader recovery web page**
 - Allows recovery after a failed MAIN Application firmware upgrade
 - This revision fixes a rare but critical problem when a MAIN Application firmware upgrade fails. All Pipeline devices (Pipeline SC, Pipeline Quad and Pipeline HD Dual) should be upgraded to this revision of the App Loader prior to any MAIN Application firmware upgraded.
 - The App Loader firmware needs to be applied to each individual channel independently

App Loader firmware release consists of:

- Pipeline App Loader firmware for **Pipeline SC/Quad** – v2.0.44652
- Pipeline App Loader firmware for **Pipeline HD Dual** – v2.0.44692

Pipeline firmware upgrade process:

Warning: When upgrading the firmware on a Pipeline Quad or Pipeline HD Dual channel make sure that all channels on that device are disconnected from any client software including the Pipeline Direct browser UI.

To upgrade a Pipeline, follow these steps:

1. Connect to the target Pipeline and determine the current firmware version via the Configure panel (see Pipeline User Guide - Using the Configure Panel on page 40).
2. Log on to the Pipeline support page (<http://www.telestream.net/telestream-support/pipeline/updates.htm>).
3. Download the appropriate Pipeline App Loader firmware file (*firmware-xxxxx.pln*) file to your computer.

Upgrade Steps

After downloading the firmware file, upgrade the firmware by following these steps:

1. Log on to the target Pipeline by opening the Pipeline Direct browser UI.
2. Select Upgrade from the header menu to display the Upgrade panel.
3. Click Choose File to locate and select the firmware file (*firmware.xxxxx.pln*) you plan to use.
4. Click Upgrade and observe the progress bar and notes about the process.

During a firmware upgrade, the front SDI IN LED (on left) lights yellow during the upgrade process. When the Pipeline has been upgraded, Pipeline Direct reboots the Pipeline and displays a rebooting message on the Upgrade page. In about 15 to 30 seconds, both the In and Power LEDs light green. Pipeline Direct reconnects automatically and displays the Configure panel.

For further details on installation instructions refer to the [Pipeline v1.5 User Guide](#) located on the Pipeline support web site at: <http://www.telestream.net/telestream-support/pipeline/support.htm>

Pipeline Support

For Pipeline technical support, visit the Pipeline support web site at <http://www.telestream.net/telestream-support/pipeline/support.htm>.