

## Telos AP Server Control Protocol SDK Release Notes

Many users inquire what features are new in the latest release. The following Release Notes show software upgrade instructions, along with the improvements and features added with each significant release.

### Upgrade Instructions:

1. Download the latest software for the iPort MPEG Gateway from the Telos Systems website, at [www.telos-systems.com](http://www.telos-systems.com), and save it to a convenient place on your PC.
2. Connect to the iPort's user interface by pointing your web browser to the unit's IP address.
3. On the **System** page, go to the *Hardware and Firmware* section and select the radio button next to the memory bank that is NOT actively being used.
4. Click on the **Browse** button to locate the file you just downloaded and then click **Upload**.
5. Once successfully uploaded, click the **Apply Selected Bank** button to activate the new firmware.

### Release Notes:

#### **Version 1.2.0**

Released Feb 4, 2010

- Improvement: Standard multicast/IGMP on the WAN interface.
- Improvement: Livewire Routing Protocol - MPEG stream routing.
- Improvement: AAC-LC 16kHz sampling option - extends the x-Stream compatibility.
- Improvement: CPU loading measurement accuracy.
- Fixes: Fixed wrong response text associated with Livewire Control Protocol supervision status monitoring.
- Fixes: Updating of network status and link speed.
- Fixes: Errors in accounting of lost packets and samples in UDP mode.
- Fixes: Multicast membership handling for Livewire and WAN interfaces.

#### **Version 1.08a**

Released Oct 9, 2009

- Improvement: New bitrate options for stereo and mono codecs added.
- Improvement: Added information in the RTP header.
- Improvement: Improved buffering logic - reduced the delay variation.
- Improvement: Allow using <space> in the Source Name.
- Fixes: Audio distortion at AAC bitrates 24 & 32 kbps.
- Fixes: LW channel numbers cannot be changed on inactive decoders.
- Fixes: Source name changes do not get into source advertisement.
- Fixes: Channel numbers of disabled VMIX outputs were lost after a restart.
- Fixes: In the 16 encoder mode, non-existent decoder sources with blank multicast IP appeared on Port 93.
- Fixes: Shoutcast server occasionally lost the track name.
- Fixes: Minor and cosmetic fixes of the web config interface.

#### **Version 1.06**

Released May 20, 2009

- Initial Release