



## SkyWay 7000 & 4000 Platforms V3.08 Release Notes

### Summary

**Release Date: 1-Oct-07**

#### Products Affected

- SkyWay 7000 PTP
- SkyWay 7000 Multipoint Base Station
- SkyWay 7000 Client
- SkyWay 4000 PTP
- SkyWay 4000 Multipoint Base Station
- SkyWay 4000 Client

*Note to all users upgrading from v3.06 and earlier.* After upgrading to v3.07 or later, you may hear a continuous audible beeping sound from the radio. This is because the Audible Antenna Alignment feature is enabled by default for all SkyWay 4000/7000 software versions. If you are not actively aligning the unit, the Audible Antenna Alignment feature should be disabled in the GUI under the **Installation>Alignment** menu.

#### Changes in v3.08:

- Implemented a new feature to manually control the way the Base forwards broadcast/multicast packets sent on the uplink from the clients in bridging mode. This feature is called “Video Support”. When enabled, broadcast/multicast packets sent from the client to the base will only be forwarded to the Ethernet port and will not be forwarded to any other clients. When this feature is disabled, broadcast/multicast packets sent from the client will be forwarded to the Ethernet port and all other clients. This feature can be accessed from the web configuration GUI on the **Configuration -> Advanced** page.

#### Changes in v3.07:

- Implemented a new feature for manual control the configuration for speed and duplex of the Ethernet port to support the use of older networking equipment.
- A new country code has been added called United States 2 (UA) for the Skyway 4K which is the same as the standard United States (US) except without the 5MHz bandwidth option.
- A new country code has been added called Universal 3 (U3) for the Skyway 7K which is the similar to the standard Universal (UN).
- Three new country codes for Australia have been added named 1, 2 and 3 which offer a wide variety of bandwidth, frequency and data rate options.
- Fixed an issue regarding a maximum 16 client limitation connected to a single Base in a point-to-multipoint network topology.
- Fixed an issue regarding the Audible Antenna Alignment feature so that when enabled, the beeping continues after reboot.

### **Changes in v3.06:**

- A new country code has been created called Universal 2 (U2) which is the same as Universal except with a reduced channel plan density for faster DFS completion.
- The Dynamic Frequency Selection (DFS) feature has been updated to have improved control. DFS can now be enabled from the basic configuration page in the web GUI from the frequency selection drop-down list. Selecting this option will automatically enable DFS in the advanced configuration page of the web GUI. Optionally, DFS can be enabled from the advanced configuration page of the web GUI. Doing so will automatically change the frequency selection to DFS. A reboot is required to implement the change.
- Fixed a minor issue regarding the disabling of DFS when bandwidth, frequency or data rate is changed.
- Fixed a minor issue regarding the event logging of changing the VLAN ID number.

### **Changes in v3.05:**

- For the Universal country code customers only, the Dynamic Frequency Selection feature has been made available for use. This change is not applicable to customers using country codes other than Universal.
- Fixed the Ecuador country code to have the correct bandwidth options available. This change is not applicable to customers using country codes other than Ecuador.

### **Changes in v3.04:**

- Implemented a new status field for firmware upgrade in SNMP that will return the status of the firmware upgrade. This new OID is named swUpgradeStatus. When this OID is queried, the OID will return whether the firmware upgrade was successful or not, or whether there has been a SNMP firmware upgrade attempt yet.
- Fixed an issue that limited the number of client units that will have connectivity with a single base unit. Please consult with your customer support representative on the optimal number of clients to be connected to a single base unit within your wireless network.
- Fixed an issue where the event log could not be recovered after a cold reboot. The event logs should now recover after a cold reboot as normal.
- Fixed an issue where there are backdoor SNMP communities to read and write to SNMP OID variables. SNMP access is now only allowed on the user-configured “get” and “set” communities.

### **Changes in v3.03:**

- Fixed a typographical error in the Web Configuration Interface.
- Fixed some multicast/broadcast packet forwarding issues within the Multipoint bridging configuration of the SkyWay units.
- Fixed a BPDU runt issue when using specific VTP and VLAN configurations within Cisco switches.

### **Changes in v3.02, v3.01:**

- Update to Spectrum Analyzer web page. Adds features and improves accuracy.
- Updated Scan Utility, new version is 2.1.
- Upgraded features in Private MIB improves support of system upgrades thru SNMP. Now all the ftp params can be set individually in the private MIB.
- New feature: Multipoint Performance Leveling. Improves MAC fairness in Client and Base releases.

- New MAC “spoofing” feature to allow for rapid Base station backup/ replacement in case of field failure. Contact Solectek for more information on the use of this feature.
- New country code “Universal” now extends down to 5.350 Ghz

**Changes in v3.00:**

- New Diagnostic GUI page that implements a “ARP” feature that allows the user to display the ARP table and set/delete ARP entries
- New Diagnostic GUI page that implements a “FTP” feature that allows the user to upload the Eventlog and system configuration file to a local FTP server.
- New support for DFS for EU Band.
- Upgraded features in Private for supporting bridging statistics

## **Important Upgrade Procedure/Information**

- It is important to upgrade ALL units on your RF network to this latest code revision. Upgrading the bootrom is mandatory with this release only if upgrading from versions less than 2.0. Please refer to the User’s Guide for instructions on how to upgrade the bootrom code. Running mixed revisions on a network is NOT recommended.

## **Important Compatibility Information for Web Browsers**

- Internet Explorer 6.0 or newer
- Netscape 7.0 or newer
- Mozilla 5.0 or newer (Firefox 1.0.7 or newer)