

Telos Zephyr/IP Release Notes

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

Upgrade Instructions:

1. Please note to upgrade to version 3.5.1r or later, you must at least be running version 3.1.0r or newer first. If not, then install version 3.1.0r found here: ftp://ftp.zephyr.com/pub/ZIP/Updates/System/system-16Jun2010_3.1.0r.img.gz.
2. Download the latest software version for the Zephyr/IP from the Telos Systems web page (www.telos-systems.com). Save it to a convenient place on your PC.
3. Connect to the embedded web page of the Z/IP, you will be upgrading by typing its IP Address into the Navigation Bar of your browser.
4. Navigate to the "Update" page of the Z/IP.
5. Locate the "Update System-Software and Reboot" section of the page and click the "Browse" button to locate the software package you just downloaded. Navigate through your computer's directories and double click the "xxxxx.gz" file which you downloaded.
6. Now click on the "Update System and Reboot" button. The front panel of the Z/IP will indicate the progress of the update procedure. Follow the prompts displayed on the screen. After the unit reboots, it will retain your previous settings, but will be running the new software.

Release Notes:

Version 3.5.1r

Released November 19, 2010

- Adds web interface: zoom to connection data
- Adds wireless devices
- Adds RS232 implements sequence number checking
- Adds connectivity status page
- Improves SIP connections
- Fixes Livewire PLL
- Fixes mixer unit: AES EBU
- Fixes maximum buffer setting

Version 3.3.1r

Released Aug 26, 2010

- Adds SIP connections
- Adds WPA2 for WiFi
- Adds Livewire output in not connected state
- Improves Network setup (DHCP and static)
- Fixes TSCP server communication errors
- Fixes Web interface device list management

Version 3.1.0r

Released June 16, 2010

- Adds new Codec library ACE
- Adds 2 banks for different software versions available
- Improves DHCP setup
- Improves User interface
- Improves ACT algorithm
- Fixes User alert in autoanswer-off mode
- Fixes Display far-end ZIP unit's name connected to on webpage

Version 2.9.1r

Released Mar 16, 2010

- Adds Profiles (high quality, medium quality, low delay)
- Adds ACT: consider changes of mean bitrate
- Improves DHCP setup

- Fixes slow boot of system
- Fixes group list delivered only once
- Fixes connection still running even if disconnect button was pressed

Version 2.7.1r

Released Nov 4, 2009

- Addition: Support of additional umts devices
- Improvement: NAT-Traversal
- Wi-Fi for WEP for some WUSB54GC fix
- Crash of ipsyscfg after removal of device in setup fix
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- ACT oscillation fix

Version 2.5.7r

Released Aug 18, 2009

- Addition: Support of additional umts and Wi-Fi devices
- Addition: ACT switches to mono for lower bitrates
- Addition: AAC LD
- Addition: Improved logging of network status
- Addition: RS232 data exchange
- Addition: Changed update-process to support future 4-bank images
- Improvement: Java interface
- Improvement: NAT-Traversal by trying more ports
- Improvement: Front panel look and feel
- Broken left meter in java interface fix
- Buddylist overflow in java interface fix

Version 2.1.1r

Released May 20, 2009

- Addition: Dropped call notifications
- Addition: Signal strength display for CDMA and Wi-Fi devices
- Addition: Support of additional UMTS and Wi-Fi devices
- Addition: Progress bar to boot screen
- Addition: Use codec with lowest possible bit-rate in CDMA on both sides
- Addition: USB to Ethernet dongle support
- Improvement: Front-panel layout, quality display, icon names, world map display
- Improvement: Keeps buffer size low in connection
- Improvement: Java interface
- Improvement: ACT reacts quicker to erratic buffer changes
- Wrong setting of maximum buffer size fix
- Too long timeout for immediately dropped connections fix
- Overwriting route names fix
- Changes DHCP setup fix

Version 2.0.2r

Released March 09, 2009

- Addition: Livewire capability
- Addition: Support of additional UMTS and Wi-Fi devices
- Improvement: Front-panel 'Look and Feel'
- Improvement: Java interface
- Reboot from web interface fix
- Missing group in ZIP-configuration fix

Version 2.0.2r

Released March 09, 2009

- Addition: Livewire capability
- Addition: Support of additional UMTS and Wi-Fi devices
- Improvement: Front-panel 'Look and Feel'
- Improvement: Java interface
- Reboot from web interface fix
- Missing group in ZIP-configuration fix

Version 1.5.1r

Released October 21, 2008

- Addition: Software for Mixer and Studio Version
- Addition: SIP connection from Z/IP to ZXS and vice versa
- Addition: SIP connection between Z/IPs
- Addition: Web interface (java) for doing calls, communication with the server
- Addition: Web interface for Mixer version
- Improvement: Front panel messages
- Improvement: Setup of wireless devices

Version 1.4.5r

Released May 30, 2008

- Reset to defaults fix

Version 1.4.2r

Released May 15, 2008

- Name resolution fix
- Additions: Redial if connection is lost
- Additions: New UMTS USB driver (Novatel 720)

Version 1.3.1r

Released March 21, 2008

- Replaces old ELD codec with new MPEG-standardized ELD codec
- Additions: IP-to-IP connections
- Additions: Call set-up using SIP

Version 1.0.2r

Released December 2007

First Version