

RipEX2 Release notes

Release 1.3.6.0

2020-02-26

- Major features:
 - GRE L2 and L3 tunnels
 - Diagnostics - ETH and Radio counters are also available
 - Diagnostics - detailed statistics for all interfaces
 - Manual setup and display of system time
 - Radio interface monitoring extended by advanced Receive signal quality and Transmit parameters information
 - IEC 101 protocol available on standard configuration screen
- Bug fixes:
 - Router type of interfaces monitoring (Radio, COM, TS) has now correct (swapped) Rx/Tx labels
 - Hot-Standby operation fixed
- Known issues:
 - Unit statistics data are rather short (hours or days - depends on traffic load)
 - The ETH5 statistic counters are updated incorrectly in certain circumstances - counting up interconnected Network interface traffic, even if there is no active link in the ETH5 port

Release 1.3.4.0

2019-12-20

- Warning:
 - Event system implementation causes partial incompatibility issues with the older FW versions. When upgrading to the new FW - it is necessary to start the upgrade process from the "distant" units first. The Base unit(s) needs to be upgraded last.
- Major features:
 - Event system implemented - handling internal unit events
 - HW output 'AO' can be triggered by unit events
 - Diagnostic system implemented - COM port and TS counters are available for now
 - Notification center implemented - handling user-unit interaction events
 - IEC 101 protocol implemented (Advanced menu configuration available only for now)
 - Remote access dialogues improved
 - Long parameters lists enhanced - card / table view switch implemented
 - Changes to commit icon enhanced - number of changes indicated
 - Default configuration can be loaded to GUI
 - ... and many minor improvements
- Bug fixes:
 - Fix detach network interface function to remove all its descendants
 - Fix remote access dialog behaviour and appearance
 - ... and many minor fixes
- Known issues:
 - There may be some compatibility issues when communicating with the units having older FW and using BDP Radio protocol at very low speeds or over very long distances. Increasing the Maximal distance parameter (Advanced - Generic - Radio Channel - Maximal distance) might help in such a situation.
 - Should the unit be downgraded to this FW version, it is switched to Recovery status and needs to be re-configured manually

Release 1.3.2.0

2019-11-13

- Major features:
 - Radio channel - Transparent protocol
 - Full duplex mode available (RF interface, Transparent protocol)
 - Ethernet traffic bridged to the RF interface (Bridge mode)
 - COM port - Transparent protocol
 - Default settings
 - Factory settings - available both from the web interface and the HW button
 - Total purge
 - Unit reboots when the HW button is pressed
 - Web interface configuration changes are validated to protect correct combinations of parameters
 - Firewall L2 configuration screen
- Bug fixes:
 - Cellular module power supply fix
 - COM ports and Terminal servers: Protocol translation table displayed only if selected; Possibility to use interval of protocol addresses also via regular configuration screen;
- Known issues:
 - When connected via Remote access the web interface seems to be disconnected from the Remote unit after applying the configuration changes or after Refresh settings. Workaround: connect to the Remote unit again to get clear connection status.

Release 1.3.1.0

2019-10-04

- Major features:

- Router mode
- Base Driven Protocol
- COM port and Terminal Server protocols: Async Link, DNP3, DF1
- Firewall L2 and L3
- Static routing
- Hot standby - basic support
- IPsec
- AES256 Encryption (Radio Channel)
- SNMPv2c, v3
- RF transmission test
- Monitoring
- Remote access (fast remote configuration)
- Cellular expansion board (2G/3G/4G available)