Changelog DTS 4132 / TSB 4132

All notable changes to this project will be documented in this file.

The format is based on Keep a Changelog

Guiding Principles: see https://keepachangelog.com/en/1.0.0/#how

Possible log types:

- [Update instructions] for essential requirements, instructions and information about the software update procedure
- [Added] for new features
- [Changed] for changes in existing functionality. Improvements should appear under the 'changed' section
- [Deprecated] for once-stable features removed in upcoming releases
- [Removed] for now removed in this release
- [Fixed] for any bug fixes
- [Security] in case of vulnerabilities or other security related changes

[04120825.010000.040408 / 21082025] 2025-08-21

Update instructions

Former version has to be at or above 20032024!
See also Bx-801104.07 or higher: chapter 7

Added

Changed

- Update ntp to 4.2.8p18
- Update busybox to 1.36.1
- Update pure-ftp (SFTP/FTP) to 1.0.52
- Update zlib (SSH) to 1.3.1
- Update dropbear (SSH) to 2025.87

- Update rssh (SSH/SCP/SFTP) to 2.3.4-29
- Update openssl to 3.5.0
- Update openssh (SFTP) to 10.0p1
- Update net-snmp to 5.9.4
- Update moba-snmpd to 1.12 (adapt to net-snmp 5.9.4)
- Update mailsend to 1.20b2
- dtsapp: Adapt to mailsend 1.20b2

Deprecated

Removed

Fixed

- dtsapp: Fix mail tls
- dtsapp: Fix missing dropbear_ed25519_host_key

Security

- See also "Changed" (updates)

[04130324.010000.030307 / 20032024] 2024-03-20

Update instructions

Former version has to be at or above 15092023!

1. step: Save configuration before this update
2. step: Update **uImagexxx4132**, **xxx4132app.img** and **dtscheck.md5**. (xxx = DTS or TSB)
3. step: Check version of Linux Kernel (V3.2.3.0004) and dtsapp (V1.06). If not correct do step 2 again.
4. step: Update **rootfsxxx4132.img**, **xxx4132v2cfg.img** and **dtscheck.md5**.
5. step: Check version of Filesystem (130324.111356). If not correct do step 4 again.
6. step: Recover configuration
   See also Bx-801104.07 or higher: chapter 7

Added

Changed

- Update dropbear (SSH) to 2022.83
- Update ftpd pure-ftp 1.0.49
- Update busybox 1.31.1
- Update sftp
- Update ntp to 4.2.8p17
- watchdog time increased to delay unintentional reboot with very high network load

Deprecated

Removed

Fixed

Security

- Detect and block SSH brute force attack
- Disallow TCP timestamps
- Default settings changed (Telnet & FTP off, SNMP V3 only)
- Root user login deactivated
- Prevent from injected command in hostname and domainname
- Build options changed for dropbear (disable Chacha20-Poly1305 and CBC ciphers) to fix CVE-2023-48795
- See "Changed" (updates)

[03290119.010000.030206 / 15092023] 2023-09-15

Update instructions

Former version has to be at or above 27022019!
See also Bx-801104.07 or higher: chapter 7

Added

Changed

Deprecated

Removed

Fixed

- Serial output missing telegrams fixed

Security

[03290119.010000.030205 / 27022019] 2019-05-10

Update instructions

Update is recommended for users of SNMP or SSH

First step: Update **rootfsxxx4132.img**, **uImagexxx4132** and **xxx4132app.img** image. (xxx = DTS or TSB)

Second step: After reboot update **xxx4132cfg.img**.

See also Bx-801104.07 or higher: chapter 7

Added

- Features: SNMP V1 and V2c deselectable
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Changed

- Update dropbear (SSH)
- Update ntp
- Update snmp
- Update openssl

Deprecated

Removed

Fixed

- Bugfix: SNMP IPv6

Security

[02270315.010000.020004 / 02072018] 2018-07-05

Update instructions

Update is only needed for users which need switch programs
See also Bx-801104.07 or higher: chapter 7

Added

Changed

Deprecated

Removed

Fixed

- Fix configuration of switch functionality

Security

[02270315.010000.020002 / 16092015] 2015-09-16

Update instructions

An update is recommended for all users
See also Bx-801104.07 or higher: chapter 7

Added

Changed

Deprecated

Removed

Fixed

- Fixed line current measurement for MBL, impulse- and DCF active line
- Fixed impulse line for longer pulse duration >10sec

Security

[02270315.010000.020002 / 10082015] 2015-08-10

Update instructions

An update is recommended for all users.
See also Bx-801104.07 or higher: chapter 7

Added

Changed

- First official release

Deprecated

Removed

Fixed

Security

[01270315.010000.020001 / 14072015] 2015-07-13

Update instructions

An update is recommended for all users.

See also Bx-801104.07 or higher: chapter 7

Added

Changed

- First official release

Deprecated

Removed

Fixed

Security