Release Notes (Customer-Facing) — Release v2.2.50

Release date: 2026-10-30

Overview

Release v2.2.50 focuses on improved system stability and serviceability, updates to networking and security fundamentals, and functional enhancements in the Multimeter application. It also includes updates to the IDS software stack (Sensor Manager and IDS Adapter firmware).

Known Issues

- **VisoTurb 900:** Connecting this sensor may cause system instability. Please do not use the VisoTurb 900 with this software version. A fix is planned for a future release.
- **QSC calibration:** If incorrect QSC-Kit buffer values are displayed, a factory reset may be required to resolve the issue. Please back up required data before performing a factory reset.

Important Update Notes

- **First start after updating may take longer:** The first startup after the software update can take approximately one additional minute because IDS adapters are updated automatically. Do not switch off the device during this startup.
- **DHCP reservations may need review:** After the update, your DHCP server may recognize the device as a new client. Please review existing DHCP reservations and update them if required.
- **Improved recovery after interrupted updates:** Recovery from software updates interrupted by a power failure has been improved. In some cases, applying this improvement fully may require an additional update cycle.

Networking, Security, and Export (Customer-Relevant Changes)

Networking

- Devices can be discovered on the local network by name (`xlp-<product>-<serial>`). You can use `<name>.local` to access the device in a browser or through the API.

- The device HTTPS certificate is generated automatically on the device using its name and serial number.
- The device keeps the same DHCP client identity across future updates.
- For a direct cable connection, the device first tries the link-local address `169.254.100.1`.
- Fixed an issue that could corrupt the network configuration.

Security and Service Access

- Fixed a rare issue affecting encryption of credentials stored on the device.
- A factory reset now also deletes the credential encryption key.
- Additional administrative permissions for service work are granted only while **Service mode** is active.
- Service access can be enabled for the current session using a one-time password; activations are logged.

Export Access

- Exported data remains accessible via USB (MTP).

Application Updates

Multimeter Application — multi_v2.3.0

New functionality and customer benefits

- **New display languages:** French and Spanish.
- **Data Logger:** Create and edit measurement methods, configure measurement modes/modules/units, and run logging sessions with up to four sensors (including wireless sensors).
- **Reporting and exports:** Export logger results as CSV, JSON, or PDF. PDF reports include charts. Automatic export is supported.

Usability and quality improvements

- External network shares now accept hostnames as well as IP addresses.
- Improved export consistency: PDF and CSV exports use the selected temperature unit and clearly indicate when a temperature was entered manually.
- Improved reliability and presentation across several measurement and reporting screens (including corrected titles in multi-calibration PDF exports).
- Updated German and English UI texts.

API access (within the application)

- API access can be managed in the application, including access tokens for the default user.
- API logs, documentation, and a gateway testing utility are available.
- The API provides access to live sensor data, sensor settings, calibration data, and air pressure.

IDS Stack Updates

IDS Sensor Manager — v0.9.22

- For sensors that do not measure temperature, the API now reports the configured temperature in a separate field, clearly distinguishing it from sensor-measured temperature values.
- Improved reliability when connecting wireless sensors, including better handling of sensors already in use by another instrument.
- Fixed a unit conversion issue that could produce incorrect ProBOD Auto Read values.

IDS Adapter Firmware — v0.65.1

- Wireless sensor search now shows correct sensor names and serial numbers; wireless receiver recovery was improved to support re-detection.
- Faster detection of wired sensor disconnection (approximately two seconds).
- Stability improvements: fixes for potential freezes during disconnect, improved reliability after firmware updates, and prevention of extended startup times after many firmware updates.
