

Release Notes – frogProject 1.10.2

frogProject 1.10.2 is the update to the installer app for configuring and commissioning frogblue Bluetooth Mesh projects. It introduces the installer view of the **new System HealthCheck** - a system-wide capability for verifying that an installation is complete, running optimally, and for troubleshooting quickly when something isn't quite right.

This release ships with the updated **frogWare 1.10.2** module firmware and is delivered alongside **frogOS 1.7.8**, **frogAccess 1.0**, and **frogSIP App 1.3**.

STOP – This release commits the installation to a full system upgrade

Running frogProject 1.10.2 to update frogs to **frogWare 1.10.2** brings each module onto the **next-generation frogblue Bluetooth Mesh platform**. After this firmware update, frogControl can no longer control the installation – end users must switch to the new **frogAccess 1.0** app.

This change is not reversible. Before updating any existing installation, plan the full migration:

- **All IP devices** (frogTerminal, frogStation, frogDisplay) must be updated to **frogOS 1.7.8**
- **All frogs** in the installation must be updated to **frogWare 1.10.2** – partial mesh updates leave the installation in a broken state
- **End users** must install **frogAccess 1.0** (replacing frogControl) and the latest **frogSIP 1.3**
- **All users** need a free **frogCloud account** for cloud remote control and mobile telephony – or a partner-provided alternative (direct SIP, custom server, MQTT, API, etc.)

On larger installations, updating the entire mesh is a substantial task and may require electrical or system knowledge. This is why frogProject is only available to and intended for use by certified frogblue installers, partners, and Competence Centers. Plan handover with the customer before starting the migration.

Highlights

System HealthCheck - Installer View

The new system-wide **HealthCheck** spans frogWare, frogOS, frogAccess, and frogProject. Every frog reports its operational status into the mesh, and frogProject 1.10.2 gives installers and partners the most detailed view of that data - ideal for verifying a clean handover and certifying the installation.

- **One-click installation verification** - confirm every module is configured, addressed, and reachable
- **Clear status reporting** - configuration, addressing, backups, time, battery level, reboot counter, and bluetooth mesh signal monitoring at a glance
- **Simple troubleshooting** - issues surfaced in plain language so installers can act fast
- **Automatic recovery** from transient errors
- The same HealthCheck data is also viewable on the **frogDisplay** and **frogStation** (frogTerminal support coming) and inside the **frogAccess** app for end users

Bluetooth Mesh Stability

- **Major stability improvements** across the Bluetooth Mesh
- **More efficient mesh traffic** - duplicate messages are filtered out

Direct Bluetooth Backup Mode

- **Provision direct Bluetooth backup mode** so doors and key outputs stay reachable from frogSIP even when Wi-Fi or cloud are down
- **User Bluetooth Password** support for tenant-level access during backup mode

Hardware Support

- **frogStrip RGBW** - configure per-channel colours, with multiple colours active simultaneously
- **Improved multi-sense** handling under low-voltage conditions

- **GPS Box fixes** - correct Southern-Hemisphere coordinates and regular time-sync checks
- Updated frogTerminal adaptors and easier upgrade paths from existing **SIEDLE** and **MOBOTIX** systems

Next-Generation Platform Upgrades

- Roll out **frogWare 1.10.2** to existing installations to migrate them to the next-generation frogblue Bluetooth Mesh platform
- Migrated installations gain access to the new **frogAccess** app, full System HealthCheck, direct Bluetooth backup mode, and the broader 1.7.8/1.10.2/1.3 feature set
- Updating an entire mesh can be a substantial task on larger installations and may require electrical or system knowledge - this is why it must be performed by a certified frogblue installer, partner, or Competence Center

General Improvements

- Overall stability, reliability, and performance enhancements
- Updated translations across the supported language set

frogProject 1.10.2 includes **frogWare 1.10.2** firmware, which is rolled out to your frogblue modules during commissioning or update. The app remains free in the Apple App Store and Google Play.