

Release Notes - frogOS 1.7.8

frogOS 1.7.8 is a major release for all frogblue IP devices - **frogTerminal**, **frogStation**, and **frogDisplay** - delivering deeper **MOBOTIX integration**, a redesigned menu and call/event engine, the new **System HealthCheck**, direct Bluetooth backup mode for ultra-reliable door access, and a substantial set of stability and security improvements.

This release is delivered alongside **frogAccess 1.0**, **frogSIP App 1.3**, and **frogWare / frogProject 1.10.2**.

Note: Some new features require the complete system to be updated

Your frogTerminal, frogStation, or frogDisplay will continue to work after updating to frogOS 1.7.8 even if other components are not yet on the latest versions. However, the following new features only become fully available once the whole system is updated:

- **System HealthCheck** requires **frogWare 1.10.2** on the frogs
- **frogAccess** cloud remote control requires the next-generation Bluetooth Mesh platform **frogWare 1.10.2** and the **frogAccess 1.0** app and **frogOS 1.7.8** for all frogblue IP devices
- **Direct Bluetooth backup mode** requires **frogSIP 1.3** on mobile devices and **frogWare 1.10.2** on the frogs and **frogOS 1.7.8** for all frogblue IP devices

To get the full benefits of this release, ask your frogblue partner about updating the complete system. Updating the Bluetooth Mesh modules must be performed by a **certified frogblue installer, partner, or Competence Center**.

Highlights

Access Control

- **Up to 20 access zones** - expanded zone-based access management on frogTerminal and frogStation for finer-grained, multi-tenant access control
- Improved **Door Status** handling and visibility of door-related actions

System & UI

- **Overhauled menu** structure - clearer layout and faster navigation

- **Time Profiles** with flexible scheduling
- Dedicated Save button for safer configuration
- Security hardening & stability improvements

Call & Event Engine - Redesign

- **New tree-based setup interface** for Calls & Events
- More intuitive logic - easier to troubleshoot
- **Flexible chaining of actions**,
e.g. *frogStation* → *MxDoorStation* → *Mx Door Action* → *frogStation Output*

MOBOTIX Integration

frogOS 1.7.8 brings deeper integration with MOBOTIX systems, making frogblue IP devices a natural fit alongside MOBOTIX cameras, door stations, and MxManagementCenter installations. Typical applications include door terminals, call stations, and information or help points - with full API support for advanced customisation.

frogTerminal ↔ MxManagementCenter (MxMC 2.9.2 via MxEventStream, port 8035)

- Video & audio stream (MJPEG) into MxMC
- Calls from frogTerminal to MxMC, including background alarms and live video call pop-up
- Two-way audio (push-to-talk)
- Open door directly from MxMC
- Switch on light (coming soon)
- Event image review from the MxMC event strip
- Advanced button integration via API (IP Messages / WebHooks) for custom workflows

frogTerminal as IP gateway to the frogblue automation system, bridging IP-based systems and the Bluetooth Mesh.

frogDisplay as an IP Call Station for MOBOTIX door stations - works with T24, T25, and T26, and can be called as an endpoint for doorbell events triggered via the MOBOTIX Concierge system.

MOBOTIX Cameras as IP gateways to the frogblue automation system, extending automation control points across the installation.

System HealthCheck

- **Review system health directly on your frogDisplay and frogStation** (frogTerminal support coming) - a clear, at-a-glance view of your entire frogblue installation
- **Every frog reports its status into the mesh** - configuration, addressing, backups, time, battery, reboot counter, and mesh signal monitoring
- **For homeowners** - confirm your system is healthy and working as intended
- **For installers and partners** - verify clean handover and troubleshoot quickly when needed
- The same HealthCheck data is also viewable from the **frogAccess** and **frogProject** apps

Bluetooth Backup Mode

- **Direct Bluetooth backup mode** - open doors or switch outputs, lights, etc. from frogSIP even when Wi-Fi or data connection is down
- **User Bluetooth Password** (tenant password for frogSIP Bluetooth backup mode)

Web Interface & Browser Compatibility

- **Consistent time and date handling** across browsers - no time-zone confusion or month/day misinterpretations between different web browsers
- **Configurable time format** to match your region
- **Warning** when system time and UTC time differ
- **Show/hide toggle** when entering new passwords
- **Invitation code validity** now clearly displayed on the call-targets page

Reliability & Polish



- **Streaming bugfixes** - minor improvements to audio/video streaming stability
- **More reliable communication** between mobile apps, displays, and devices, with duplicate messages filtered out for cleaner network traffic
- **Smoother scene handling** - shutter and heating actions for both groups and individual devices
- **Door openers & Function PINs** Improved name and status info. reporting
- **Alerts** - PIN-based deactivation with back-button navigation
- **Room control view** correctly shows rooms with lights
- **Last-selected menu page** is remembered when reopening the app
- **Quieter card readers** - no more false error sound when no card is presented

Companion releases

- **frogAccess 1.0** - The new app for next-generation frogblue Bluetooth Mesh installations. frogCloud login, auto-download of new IP devices, project filtering, manual project download, synchronisation of scenes and preferences, project access sharing
- **frogSIP App 1.3** - Direct Bluetooth backup mode, User/Tenant Password, support for up to 20 access zones, NAT traversal off by default, restructured settings menu, refined Function PIN behaviour
- **frogWare / frogProject 1.10.2** - Direct Bluetooth backup mode, User activity log, GPS box Southern-Hemisphere fixes, improved multi-sense under low voltage, extended diagnostics, per-channel RGBW control on frogStrip

Updated Translations

frogOS 1.7.8 is available in the following languages:

- English
- German (Deutsch)
- Spanish (Español)
- Italian (Italiano)



- Dutch (Nederlands)
- French (Français)
- Greek (Ελληνικά)
- Japanese (日本語)
- Arabic (العربية)
- Slovenian (Slovenski)
- Turkish (Türkçe)
- Bulgarian (Български)
- Czech (Česky)
- Danish (Dansk)
- Finnish (Suomi)
- Hungarian (Magyar)
- Indonesian (Bahasa Indonesia)
- Korean (한국어)
- Polish (Polski)
- Portuguese (Português)
- Romanian (Română)
- Russian (Русский)
- Swedish (Svenska)
- Ukrainian (Українська)