

RELEASE NOTES

Foundation Series Firmware Release Notes

CATEGORY	UPDATED	LANGUAGE	ARTICLE
Foundation Series	2026-01-07	en-us	6990549606299

SOURCE

<https://support.fortrobotics.com/hc/en-us/articles/6990549606299-Foundation-Series-Firmware-Release-Notes>

The following release notes are for **Foundation Series** devices, which includes the **Safe Remote Control (SRC)**, **Vehicle Safety Controller (VSC)**, and **Wireless E-Stop (WES)**.

Looking for a specific firmware version? Please [reach out to our support team](#).

To upgrade your device's firmware, please see our article on [upgrading your device firmware](#).

01

VSC-005, VSC-006, VSC-008, VSC-009

12.09

- A “new settings written” event will be added to the event log when settings are applied

12.08

- Updated SRC transition screen text
- Fixed bug relating to pause modes
- Prevent VSC relay toggle immediately after power-on, in some circumstances

12.07

- Fixed SRC seeing flickering VSC-SRC connection
- Added hop zone to configurable options

12.06

- CAN bus recovery improvements for CAN ID filter
- New CAN remote status message
- Fixed instances of SRC joystick flicker at very low battery levels

- Radio improvements for SRC/WES when going into Estop

12.05

VSC update only.

- CAN bus error recovery improvements
- Reliability improvements when forwarding from RS485 to radio
- New RS485 mode option: always repeat RS485 to radio, ignore incoming radio messages
- Optional source ID filtering for radio and RS485, up to four ignored source IDs per interface

12.04

- Peripheral bus improvements
- Change to new SRCs' default settings: inactivity auto-shutdown feature starts disabled

12.03

- Improved system Estop responsiveness

- Removed support for slow RF rates
- Eliminated logged I2C error on startup
- Made badly-configured CAN IDs return to their default values

12.02

- Rebranded from HRI Networks to FORT Robotics

12.01

- Fixed HID joystick not being properly set when in Estop
- Eliminated false "bad uservalue" error message on SRC
- Made CAN IDs for outgoing VSC CAN messages configurable
- Made RS485 baud rate configurable

12.00

- Improved safety data security
- Fixed inaccurate SCM heartbeat data
- Prevented SRC user values from being overwritten by the VSC while being edited
- Minor bug fixes and internal improvements

11.15

- Fixed SRC spontaneous reset bug

11.14

- Internal improvements

11.13

- Fixed potential reset-inducing bug

11.12

- Fixed occasional bad event log entries
- Fixed potential radio stalling condition
- Added RS485 TDMA mode
- Improved event logging

11.11

- Prevented CAN errors when no CAN bus is connected
- Improved packet loss log functionality

- Internal improvements

11.10

- Added packet loss logging
- Improved CAN error handling

11.09

- Fixed bug in wired-only SRC initialization

11.08

- Improved USB communications with Config Tool
- Increased number of devices that can be connected to a single VSC
- Made CAN ID filtering less strict
- Added battery voltage information to SRC menu
- Internal improvements

11.07

- Fixed occasional settings change failure
- Made SRC able to operate without a connected VSC
- Made SRC display its radio frequency key setting

11.06

- Added exit procedure from button test mode on SRCs with no Estop button
- Improved SRC menu
- Internal improvements

11.05

- Added RS485 connectivity option to VSC
- Improved Estop behavior in SRC/WES
- Internal improvements

11.04

- Added point-to-point CAN bridge to {{VSC-006}}
- Improved CAN reliability
- Internal improvements

11.03

- Added support for E2E mode on 2401 radios
- Added safeguards to reduce the likelihood of programming radios with invalid data
- Internal improvements

11.02

- Improved USB interface
- Reduced sensitivity of SRC's freefall pause

- Improved VSC-VSC radio communications
- Fixed bug in SRC's pause mode

11.01

- Improved SRC-VSC radio communications

11.00

- Added multipoint support
- Internal improvements

02**VSC-002, VSC-003****10.06**

- Fixed HID joystick not being properly set when in Estop

10.05

- Internal improvements

10.04

- Internal improvements

10.03

- Fixed CAN bridge bug
- Improved CAN reliability
- Improved radio programming
- Internal improvements

10.02

- Fixed CAN bridge LED indicator
- Fixed CAN baud rate change not being visible until reboot
- Added interface for in-system Microhard radio firmware upgrade
- Added radio mesh mode options
- Minor bug fixes

10.01

- Fixed USB enumeration bug
- Improved USB communications

- Fixed bug where CAN bridge data would not be sent while Estopped
- Fixed potential CAN bridge stalling bug
- Added radio diagnostic mode support
- Internal improvements

10.00

- Fixed Microhard radio programming bug
- Fixed SRC buzzer bug
- Fixed bug where wrong inactivity timeout settings were being used on SRC after reset
- Fixed CAN bridge ignoring SCM stop command
- Internal improvements and minor bug fixes