

## Fluke 3540FC Firmware Release Notes

### V1.7

Date: April 20<sup>th</sup>, 2026

#### New Features:

As part of our ongoing commitment to improving cybersecurity and protecting user data, we have implemented the following enhancements. These updates also support compliance with the Commission Delegated Regulation (EU) 2022/30 supplementing Radio Equipment Directive (RED) 2014/53/EU, and the associated harmonized standards EN 18031-1 and EN 18031-2:

- Introduced a user-defined PIN that must be configured before first use. The PIN is required to access the tool after power on and subsequently every 24 hours.
- Introduced a user-defined WiFi hotspot passphrase that must be configured before first use, replacing the previous factory default. The passphrase is required to connect to the device's WiFi hotspot. Devices continue to show the required passphrase on the "Change Mode" screens.
- Added a security log that records events related to personal information security.
- **Removed** the support for captive portals and related web components.

#### Improvements:

- Implemented system security enhancements, including updates to core software components to improve protection against known security vulnerabilities.
- Service Data is now encrypted. This data is now securely encrypted and accessible only to Fluke Technical Support. As service data may include potentially personally identifiable information (PII), such as IP addresses and nearby WiFi access points, this measure aligns with applicable data privacy regulations. Please ensure you consent to sharing such data before sending Service Data to Fluke Technical Support.

### V1.6.1

Date: November 29<sup>th</sup>, 2024

#### Improvements:

- Security Update – updated trusted certificates as required for Remote-Monitoring mode. Please update your instrument early in order to maintain connectivity.
- Update time-zone database. Please check the time zone selection in Instrument Settings.

### V1.6

Date: September 14<sup>th</sup>, 2020

#### Improvements:

- Security Update - changed transport layer security.  
Please update your instrument early in order to maintain connectivity.
- Removed orphaned functionality.  
Previous releases came with an option to copy logging data to USB mass storage devices, where copied data could not become processed in any way. This option has been removed for clarity.

## V1.5

Date: February 15<sup>th</sup>, 2018

### New Features:

- Added feature for support WiFi captive portals with web browser interface when selecting SSID for remote monitoring.

### Improvements:

- Improved speed of downloading a long local logging session.
- Improved USB functionality so that when USB drive is connected a dialog will be shown to allow copy of logging sessions to USB.
- Corrected touchscreen keyboard layout to include #, {, }, |, \ ` characters.
- Corrected communication protocol to allow the FC app to prompt the user to end the session before downloading.
- Corrected issue that would show a grey Start Monitoring button when current clamps was removed.
- Changed USB product ID to allow communications with same driver for different types of Fluke Power Quality products on the same PC.