



## Applicability of Trusted Firmware-M vulnerabilities on STM32Cube packages

### Overview

This security bulletin pertains to the applicability of Trusted Firmware-M (TFM) vulnerabilities on STM32Cube packages.

### Description

The open source TFM software component is redistributed inside some of the STM32Cube packages, for example STM32Cube Expansion packages (X-CUBE, I-CUBE) and function packs (STSW, FPs). This means that the vulnerabilities reported by TrustedFirmware.org available at [https://tf-m-user-guide.trustedfirmware.org/security/security\\_advisories/index.html](https://tf-m-user-guide.trustedfirmware.org/security/security_advisories/index.html) are applicable to the STM32Cube packages supporting TFM.

To know if an STM32Cube package is impacted, check if TFM software component is redistributed in your package. If so, check the version of TFM to understand which TFM vulnerabilities are applicable to your STM32Cube package.

Software component relative path	File to read to get TFM version used in the package
./Middlewares/Third_Party/trustedfirmware/	st_readme.txt

To fix the vulnerability, reconfigure the affected package with a corrected version of the TFM component, obtained from TrustedFirmware.org.

*Note: To be considered by TrustedFirmware.org for early notification as a Trusted Stakeholder, you can follow the procedure described at the following link: [https://trusted-firmware-docs.readthedocs.io/en/latest/security\\_center/incident\\_handling\\_process.html#ts-registration-label](https://trusted-firmware-docs.readthedocs.io/en/latest/security_center/incident_handling_process.html#ts-registration-label).*

### Contact information

psirt@st.com

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
12-Dec-2024	1	Initial version.

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