

# Security Advisory

## Security routers FL MGuard and TC MGuard

### 1 Advisory Information

**Advisory ID:** BOSCH-SA-932910

**CVE Numbers and Scores:**

- ▶ [CVE-2020-12523](#)
  - CVSS v3.0 Base Score: [5.4\(Medium\)](#)

**Published:** 03 Feb 2021

**Last Updated:** 03 Feb 2021

### 2 Summary

The FL MGuard and TC MGuard safety devices sold by Bosch Rexroth are devices from Phoenix Contact that have been introduced as trade goods. A security advisory has been published by the manufacturer, which indicates incorrect behavior of the devices with regard to the shutdown of the LAN ports after a restart. [\[1\]](#).

### 3 Affected Products

- ▶ R911173814 - FL MGuard RS4000 TX/TX VPN
- ▶ R911173816 - TC MGuard RS4000 3G VPN - 2903440
- ▶ R901541498 - TC MGuard RS4000 4G &

### 4 Solution

It is strongly recommended to update the firmware version of the affected devices. Please find further details on the PSIRT Homepage of the supplier [\[1\]](#).

### 5 Vulnerability Details

#### 5.1 CVE-2020-12523

For mGuard devices with integrated switch on the LAN side, single switch ports can be disabled by device configuration. After a reboot these ports get functional independent from their configuration setting.

- ▶ Problem Type:
  - [Missing Initialization of Resource CWE 909](#)
- ▶ CVSS Vector String: [CVSS:3.0:AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:N/A:L](#)
  - Base Score: 5.4 (Medium)

## 6 Additional Resources

[1] [Security Advisory for mGuard products](#)

[2] [Bosch Rexroth Security Manual Drives and Controls](#)

## 7 Revision History

03 Feb 2021: Initial Publication