

# Extended Maintenance 2030 mGuard 8.9 / 9.0

## Firmware maintenance license



Application Note  
112009\_en\_00

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### 1 List of affected devices

Device	Order No.
FL MGUARD RS4000 TX/TX (VPN)	2700634 / (2200515)
FL MGUARD GT/GT(VPN)	2700197 / (2700198)
FL MGUARD SMART2 (VPN)	2700640 / (2700639)
FL MGUARD RS2000 TX/TX VPN	2700642
FL MGUARD RS2000 TX/TX-B	2702139
FL MGUARD DELTA TX/TX (VPN)	2700967 / (2700968)
FL MGUARD PCI4000 VPN	2701275
FL MGUARD PCIE4000 VPN	2701278
FL MGUARD RS2005 TX VPN	2701875
FL MGUARD RS4004 TX/DTX (VPN)	2701876 / (2701877)
FL MGUARD RS4000 TX/TX-P	2702259
FL MGUARD RS4000 TX/TX VPN-M	2702465
FL MGUARD CENTERPORT (special license)	2702547
FL MGUARD CORE TX VPN	2702831
TC MGUARD RS4000 3G VPN	2903440
TC MGUARD RS2000 3G VPN	2903441
TC MGUARD RS4000 4G VPN	2903586
TC MGUARD RS2000 4G VPN	2903588
TC MGUARD RS4000 4G VZW VPN	1010461
TC MGUARD RS2000 4G VZW VPN	1010462
TC MGUARD RS4000 4G ATT VPN	1010463
TC MGUARD RS2000 4G ATT VPN	1010464

Customer-specific variants are also affected.

**i** The successor products with installed firmware version mGuard 10.x are not affected. They will continue to receive free support and all necessary security updates.

### 2 Extended maintenance until the end of 2030

The proven mGuard devices with firmware version 8.x installed were discontinued in 2024 after 15 years of availability.

The current firmware in this series will continue to be supported until the end of 2025 and will be supplied with regular free security updates.

Free support for these devices will be discontinued from 2026. However, it can be extended until the end of 2030 with a paid firmware maintenance license.

With this license, it is possible to install firmware version 9.0.x on the devices. These devices will be continuously supported with security updates until the end of support.

**i** Make sure you always use the latest mGuard documentation. It can be downloaded at e.g. [phoenixcontact.net/products](https://phoenixcontact.net/products).

### 3 Maintenance and Support

#### Vulnerability check

Every day, specialized employees analyze up to 50 reported vulnerabilities (so-called CVE reports) and determine whether mGuard devices are affected by them (PSIRT process).

If this is the case, the respective vulnerability is evaluated according to defined criteria and a decision is then made as to whether the vulnerability will be closed in the next cyclical firmware release or in a timely interim release. Security for the customer is always the top priority.

#### Obsolete software components

Further effort goes into evaluating the encryption algorithms used, which become outdated over time and must be kept up to date.

#### Maintenance

The requirements for maintaining the current firmware are considerable. The necessary firmware changes affect the Linux kernel hardened by Phoenix Contact, public software libraries, inserted patches and different hardware versions.

#### Support


Phoenix Contact is always aware of its responsibility for the customers. This applies in particular to network security devices, i.e. all available mGuard security routers.

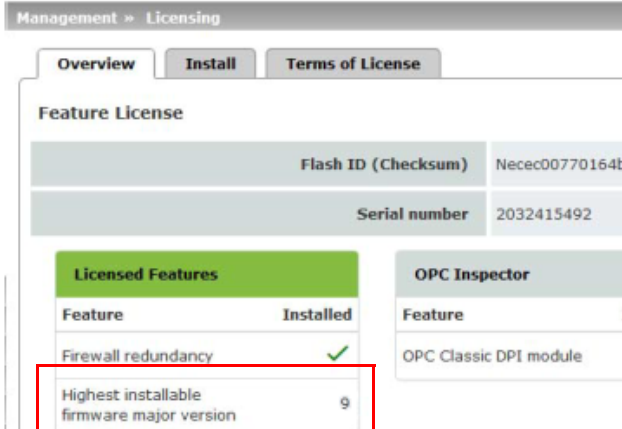
For this reason, support for the affected devices can be extended until the end of 2030 for a fee.

### 4 Firmware maintenance license

All customers who wish to continue using their existing mGuard devices with firmware version 8.9.x installed can provide their devices with a maintenance license. This ensures that the devices will be supplied with security updates until the end of 2030.

To receive this support, appropriate licenses must be purchased and installed on the devices.


 Devices purchased from around June 2024 do not require the new license if the value „9“ is entered in the WBM as the "Highest installable firmware major version" under **Management >> Licensing >> Overview** (see below). These devices will be supported until the end of 2030.



The screenshot shows the 'Management > Licensing' interface. It has three tabs: 'Overview', 'Install', and 'Terms of License'. Under 'Overview', there is a 'Feature License' section with fields for 'Flash ID (Checksum)' (Necec00770164t) and 'Serial number' (2032415492). Below this is a table for 'Licensed Features' with columns 'Feature' and 'Installed'. The 'Highest installable firmware major version' row is highlighted with a red box and has the value '9' in the 'Installed' column. To the right, there is an 'OPC Inspector' section with a 'Feature' field containing 'OPC Classic DPI module'.

#### Available licenses

For all other devices, one of the following licenses must be purchased and installed or be available in order to receive support until the end of 2030:

- **1493074 - FL MGUARD LIC FW MNT 2030**  
Single license in the form of a license letter (voucher). The license can be installed individually on one device at a time via web-based management.
- **1775935 - FL MGUARD LIC-E FW MNT 2030**  
Bulk license in electronic form (email). The license vouchers can be installed on the devices via the mGuard Device Manager (FL MGUARD DM UNLIMITED) or individually via web-based management.
- **2702552 - FL MGUARD LIC LFS CENTER**  
 "Firmware maintenance license" only for FL MGUARD CENTERPORT.
- **2700184 - FL MGUARD LIC LIFETIME FW**  
Devices on which a "Lifetime Support" license has already been installed do not require an additional license.