

# M!DGE - Release Notes

## Firmware version 4.4.40.xxx

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Release 4.4.40.114, patch 1628

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2022-01-21



### Important

**End of support** — This software release is the last valid version for M!DGE units. M!DGE software will not be maintained anymore after March 2022.



### Important

**BGP, OSPF, Protocol server, Terminal server, Modbus TCP** — Due to small M!DGE memory, this software release **does not include dynamic routing protocols (BGP and OSPF)**. If you use these protocols, use older software releases. On the other hand, this 4.4.40.114 software includes **RS232 Protocol server, Terminal server and Modbus TCP** functionalities which were missing in 4.3.40.104 software.



### Important

**Downgrade from 4.4.40.114 software** — Downgrade is, in general, not recommended, but if you use 4.4.40.114 software and from any reason, you need to do the downgrade to 4.2.40.104 or 4.3.40.104, you need to do this via CLI (SSH). Be aware that the downgrade to “legacy” releases is highly discouraged. If you do that, the unit will go to FACTORY SETTINGS. Please backup your configuration files while units still operate with old software so you can re-upload configurations afterwards. Downgrade procedure:

- Upload 4.2.40.104 or 4.3.40.104 software (via SCP/WinSCP) to the /tmp/ folder in particular M!DGE unit (e.g. the file name is 'midge-fw-4.2.40.104.img').
- Login as a 'root' user to the unit via CLI (SSH, Putty app in Windows) and run:
  - `cli-update -rf software file:///tmp/midge-fw-4.2.40.104.img`

If you need any further details or assistance, contact our technical support at <support@racom.eu>.



### Note

Please be advised that the newly discovered vulnerability in the Apache Log4j logging framework with identifier CVE-2021-44228 does not affect any of the RACOM products, as we do not use Apache but Lighttpd http server in our products.

- **M!DGE software versions summary:**
  - **4.2.40.104** — fully operational software, release date: 14<sup>th</sup> of May 2019
  - **4.3.40.104** — software without Protocol server functionality, release date: 14<sup>th</sup> of February 2020
  - **4.4.40.114** (current) — software with Protocol server, Terminal server and Modbus TCP functionalities, but without dynamic routing protocols (BGP, OSPF), release date 4<sup>th</sup> of January 2022
- **M!DGE new functionalities, fixes, known issues** — All M!DGE software changes correspond to M!DGE2 changes. For a full list of changes, check all M!DGE2 release notes since 4.2.40.104 and/or 4.3.40.104 software versions.