

**TI 2481 / 2022**

# **Panel Firmware Compatibility**

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# Panel Firmware Compatibility

## New AVENAR panel & keypad hardware

- Introduction of new hardware version **0-009-016**
- Successor for initial hardware version **0**
- Depending on the version number, a hardware is suitable for certain firmware versions:

| Firmware version | Hardware version |           |
|------------------|------------------|-----------|
|                  | 0                | 0-009-016 |
| V3.1 – V3.4      | ✓                |           |
| V3.5 and higher  | ✓                | ✓         |
| V4.0 – V4.1      | ✓                |           |
| V4.2 and higher  | ✓                | ✓         |

*Compatibility overview*

- Check chapter 5.2 of AVENAR System manual version 6 (2022-12) for more detailed information
- In general, we always recommend to use the latest firmware version

# Panel Firmware Compatibility

## Identify Hardware Version

- Home -> Diagnostics -> Panel passport

| Panel passport    |                    |
|-------------------|--------------------|
| AVENAR panel 8000 | Mode: Master       |
| License           | Premium            |
| CAN ID            | 62391420           |
| Production date   | 13 June 2018       |
| BOM revision      | A.99               |
| Material number   | F01U352441         |
| Hardware version  | 0-009-016          |
| Firmware version  | 4.2.0              |
| Build type        | Auto-build         |
| Build number      | 1                  |
| Serial number     | 914982363974111098 |
| MAC 0 (Host):     | 00:30:D6:1B:49:98  |

0 Fire   0 Control   0 Fault   0 Bypass   Status

- Press Bosch logo for Contact information

| Contact information   |                            |
|-----------------------|----------------------------|
| Company name          | Bosch Security Systems     |
| Contact name          |                            |
| Phone                 |                            |
| Address               |                            |
| Post code             |                            |
| E-mail                |                            |
| Date system installed | 2020-09-20 13:28:38 +01:00 |
| Firmware version      | 4.2.0                      |
| Hardware version      | 0-009-016                  |

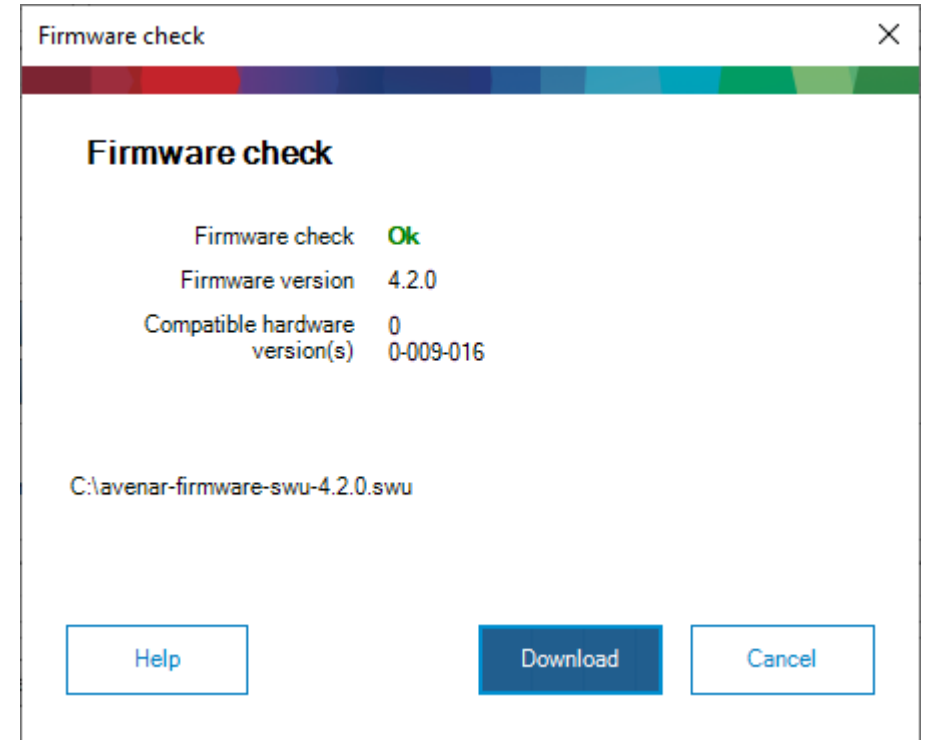
0 Fire   0 Control   0 Fault   0 Bypass   Status

- The hardware version is displayed from firmware versions 4.2 and 3.5 onwards
- When the hardware version is not listed, the hardware is by default a version 0

# Panel Firmware Compatibility

## FSP-5000-RPS Firmware check

- Before downloading the firmware, FSP-5000-RPS provides a list of compatible hardware versions suitable for the targeted firmware version
- In case the firmware is not compatible with the hardware, the download of the firmware will not succeed
- When not succeeded, upgrade your controller with the latest available firmware version

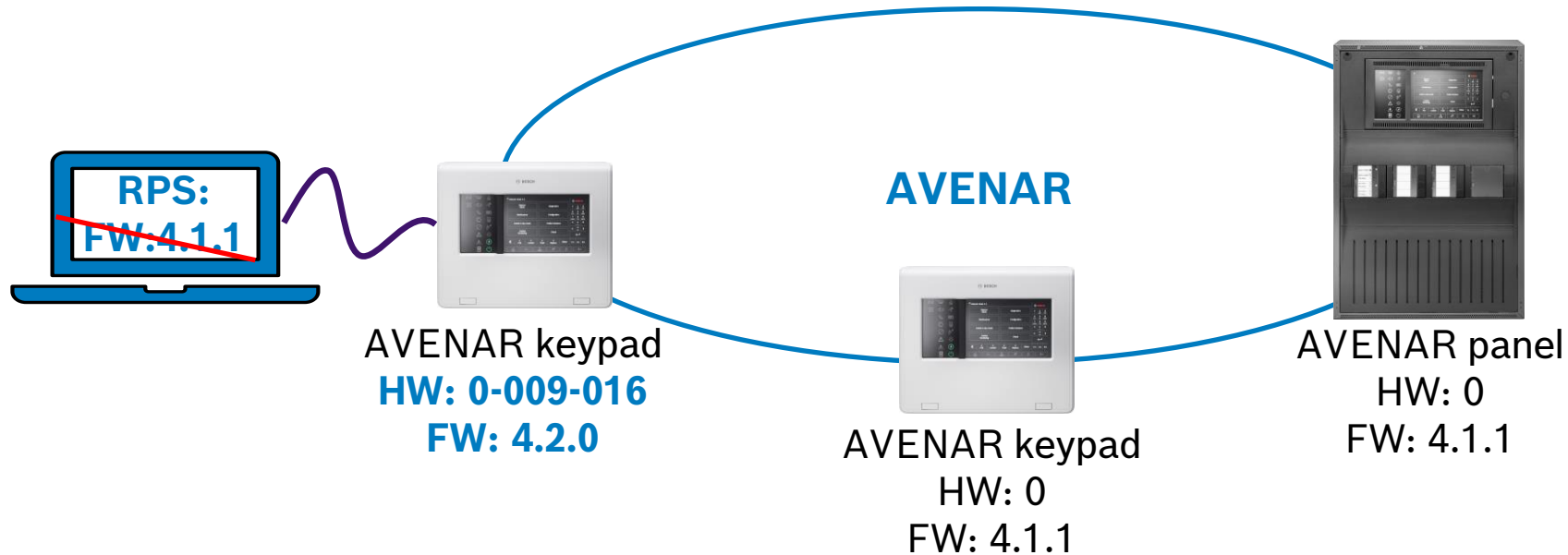


*FSP-5000-RPS Firmware check*

# Panel Firmware Compatibility

## Practical Example 1: Installed Base AVENAR

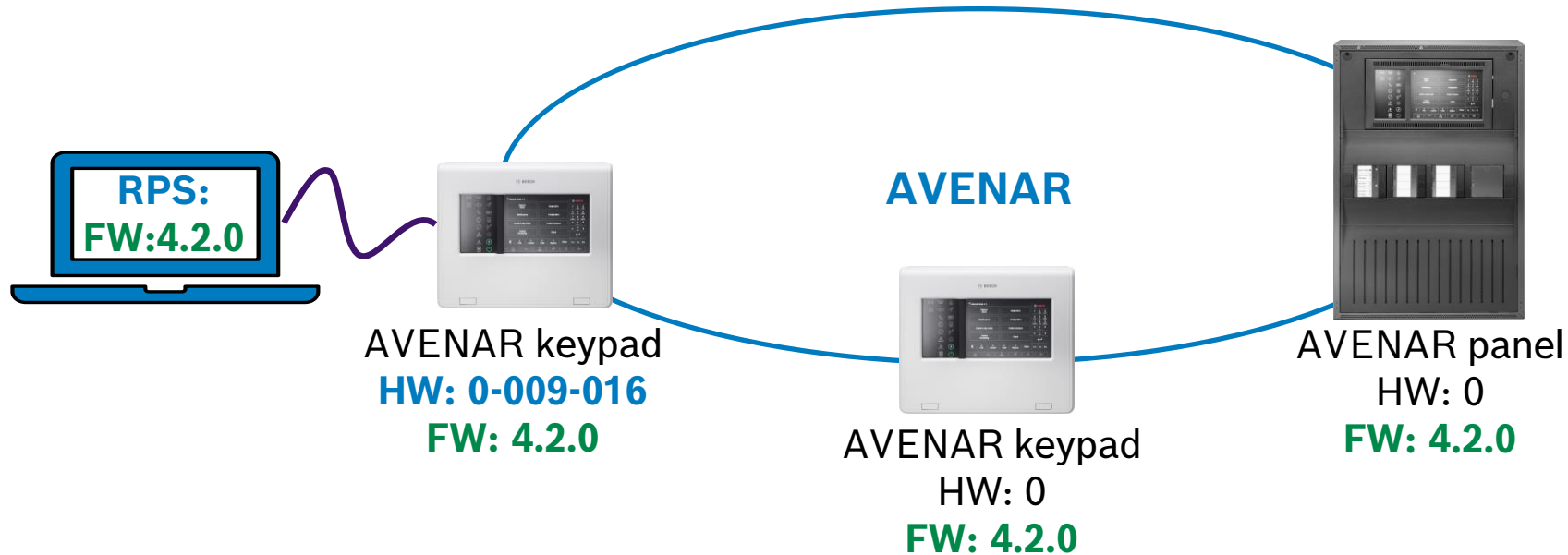
- New AVENAR keypad added to the network
- Not possible to download firmware version 4.1.1



# Panel Firmware Compatibility

## Practical Example 1: Installed Base AVENAR

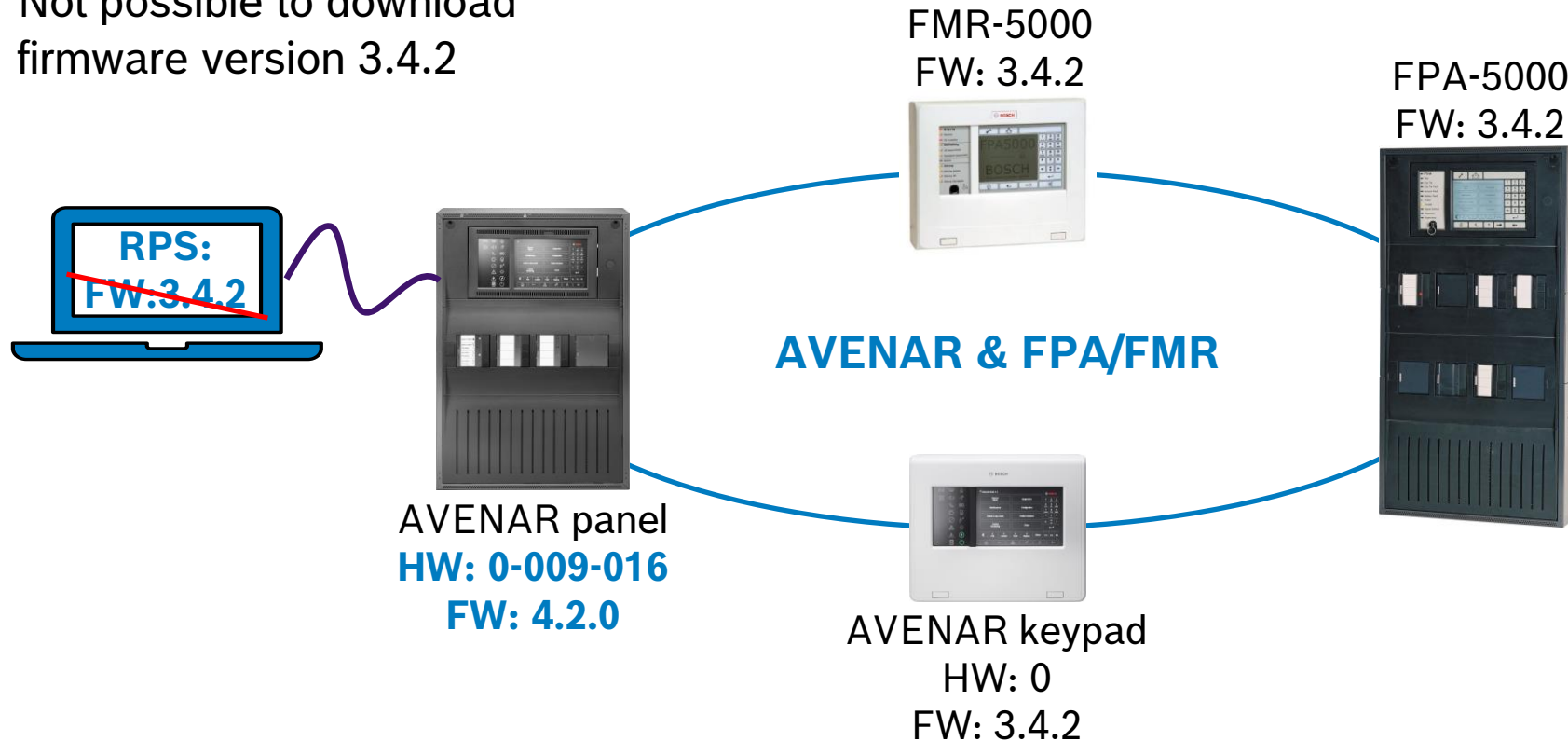
- New AVENAR keypad added to the network
- Upgrade all nodes to firmware version 4.2.0
- Released: December 2022



# Panel Firmware Compatibility

## Practical Example 2: Installed Base AVENAR & FPA/FMR

- New AVENAR panel added to the network
- Not possible to download firmware version 3.4.2



# Panel Firmware Compatibility

## Practical Example 2: Installed Base AVENAR & FPA/FMR

- New AVENAR panel added to the network
- Upgrade all nodes to firmware version 3.5
- Released: February 2023

