

Communication 02031 : **New firmware versions used in production**

Dear Sir or Madam

1. New PCD1.M130**F650** firmware version \$7E used in production

For the standard M1xx without an PCD7.F650 in the configuration the version 075 is still used.  
For details about the new versions consult [www.sbc-support.ch](http://www.sbc-support.ch)

2. New PCD2.M150**F650** firmware version \$BB used in production

This is the equivalent version for PCD2.M150. For configurations without PCD7.F650 the version 0B7 is still used.

3. New PCDx.M170 firmware version \$0T used in production

This is the new version for PCDx.M170.

4. New PCD7.F650 firmware version \$08 used in production

This is the new version for the IP module.

5. Version descriptions

The version descriptions and the hex files can be downloaded from [www.sbc-support.ch](http://www.sbc-support.ch)

6. General information regarding TCP/IP hardware, firmware and software versions

Remember that the hardware, firmware and software versions must match together to get the PCD7.F650 working. As there are a lot of PCD7.F650 modules in the field from the pilot projects the compatibility is an important topic.

Minimum hardware versions:

PCD1.M130: C 3 (same as for Profibus DP)

PCD2.M150 and PCDx.M170: no hardware version restrictions

General rules:

- Respect the configuration families listed below
- When updating your systems from a configuration family to a higher level, respect the following order:
  1. Update the firmware version of the Ethernet module
  2. Update the firmware version of the PCD
  3. Update the version of PG5

### 1<sup>st</sup> family:

PG5	Firmware-PCD1.M130	Firmware - PCD2.M150	Firmware - PCDx.M170	Firmware - Ethernet module	PGU	S-BUS UDP	Open Data Mode UDP	Open Data Mode TCP
V\$1.0.xxx → V\$1.1.007	<b>\$72 → \$76</b>	<b>\$B1 → \$B6</b>	<b>\$0I → \$0K</b>	\$02 → ...	✓	✓		

### 2<sup>nd</sup> family:

In this new configuration family you'll be able to use word-coded IP-Nodes as well as the Open Data Mode in UDP and TCP.

V\$1.1.008 → V\$1.1.017	<b>\$77 → \$79</b>	<b>\$B7 → \$B8</b>	<b>\$0L → \$0N</b>	\$06 → ...	✓	✓	✓	(✓)
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V 1.1.110 & B1.1.050 can be used if you don't need IP open data mode

### 3<sup>rd</sup> family:

With firmware version \$07 of the Ethernet module will be introduced an Open Data Mode in TCP with connection timeout control.

VB1.1.050 → ...	<b>\$7C → ...</b>	<b>\$B9 → ...</b>	<b>\$0O → ...</b>	\$07 → ...	✓	✓	✓	✓
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Remember that the easiest way to get a PCD with TCP/IP is to order a configured unit PCDxMxxxF650.

Best regards

SAIA-Burgess Controls AG  
 Technical Customer Service

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