

### **VIGO6 editor:**

The new editor version is 807.

The new editor look has changed to new colors and a different style for the menu buttons. The functions of the menu buttons has not changed.

There are a lot of bug fixes and improvements in the editor, including writing code. We hope you find it useful once you get it.

- More shortcuts (find the list under the 'Help' menu button)
- Fall-back visualization language
- Improved length calculation of identifier name length
- Project now supports up to 8 languages

### **Catalogues:**

The update now includes the following catalogues:

- PD\_21927-15 - Approved\_components\_PD
- PD\_26931-21 - Process\_component\_catalogue\_F2
- PD\_2611-127 - Programmers\_catalogue
- PD\_27110-17 - Devices\_F2
- PD\_22687-04 - MID\_language\_catalogue

We highly recommend that you update your list of catalogues in the 'Editor setup' under the 'Settings' to these versions.

### **PD688:**

We have now released a new PD688 complete assembly (PD\_33824-02 - PD688\_display\_complete\_type\_2), which contain a whole new access system.

Your old NFC-cards needs reconfiguration to be usable with this system. Request our documentation '552 166 01' for more information.

The 'old'-style NFC access system is still available in the same assembly as earlier (PD\_24493-33 - PD688\_display\_complete\_type\_1) and the NFC-cards are still valid.

Access to "beeper" is now possible from COPP code.

### **Process\_component and descendent of this:**

The Process\_component is now updated, so more than one component can receive for instance the temperature from one temperature input component (array of Supervisors). Array of users – can only get actual data, not write required data.

Improved data-distribution. In some special net configurations the mirroring of data, could fail, - this is no longer the case. In network configurations where a PD661 was used an error in the watchdog was discovered, this is now fixed in editor version 806 and above.

### **New communication protocols on Ethernet:**

- Modbus\_TCP communication.
- ProfiNet communication.

Please contact PROCES-DATA for further details.

### **Daylight saving:**

Automatic adjustment of time, in relation to daylight saving. Look at Time\_interface (PD\_27767-03) for details.

Configurable period for daylight saving.

**Installing software update directly on the control-system via internet:**

It is now possible to update your control-system on-site, by including an assembly and visualization for this, and having a server (typically a PD955) containing the required software version. It is only possible to update the program in the control-system, not to change it to another. This feature is available for devices holding a Configurator (for example PD688). You simply connect the device to internet and press the 'Update program' button.

The very first time you install a program in a PD688, put the program on a USB-pen and install it from here (or just download in the normal manner). Hereafter the operator of the control-system decides if and when to try to update.

Please contact PROCES-DATA for further details, see also:  
PD\_34474-01 – Update from server assembly CLIENT SIDE

**Transfer-manager:**

For sending data to a database, via a non-stable connection (typically on mobile applications). Data is buffered up locally and automatically sent when the connection is stable again. Please refer to this guid for further details: GUID: PD\_34404-01 - Basic\_Transfer\_Manager\_V2

**File-var as ring buffer:**

File\_var\_Ring\_buffer works like a normal filevar, except index is replaced with the keywords [HEAD] for writing, and [TAIL] for reading.

It is possibility to subtract from the tail pointer (e.g. in case the last 10 elements has to be re-sent)

```
My_Buffer[HEAD]:= My_record  
My_record:= My_Buffer[TAIL]
```

**Search:**

It is now possible to apply a search function with conditions to any kind of array data, being an array exposed via a Register, a File\_var or the database register. This means that you can request a search in an external database and get the search result into your device.

**P-NET communication:**

Improved communication stack to increase speed.

**New log-system:**

A fully new log-system has been implemented, and it is now possible to search in the logs from COPP code. Old log-data are no longer accessible.

**Visualization:**

Optimized string visualization length, so a string reserves less space. Requires changes to existing GUIDs with a new editor version to take effect.

**NON-volatile data:**

Preserving of non-volatile data in devices on new program downloads is improved.

**Crypto functions:**

Random, SHA256, HMAC SHA256 etc. for passwords encryption etc. See further details in 'Help' (F1) and search for 'Crypto'.

**Updated SMS HW interface:**

A new SMS hardware interface has been introduced to PD804 and PD803, that combines the old hardware interfaces for receiving and transmitting SMS's. The new HW interface can also buffer SMS's.