

VIGO6 editor:

The new editor version is 948.

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.

- Subcomponent array. A subcomponent in the array can 'reach' other elements.
- Debugger improvements. Debugging directly via tunnel-/fleet-net possible. Using crypt and authenticate for improved security.
- It is now required to select "editor connection point", for debugging purposes.
- Profinet – GSDML file content improvements.
- Debug via IPv4 again possible.
- Clean build now also leads to deletion of the Output folder.
- Owner Assigned Constants in views are now available, for customization of views on a view list.

Catalogues:

The update now includes the following catalogues:

- PD_21927-20 - Approved_components_PD
- PD_26931-25 - Process_component_catalogue_F2
- PD_2611-131 - Programmers_catalogue
- PD_27110-21 - Devices_F2
- PD_22687-08 - MID_language_catalogue

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

PD688:

We have an updated release of the PD688 complete assembly (PD_40863-03 - PD688_display_complete_type_3), which has a new access system with improved Group handling among other new features. The access system cannot use cards from the previous system, but must be re-configured to be usable with this system.

Using the Remote app now allows you to mirror what is displayed on the PD688 screen, and it may be set in two modes (show, and show/edit), naturally depending on the NFC-card read from the mobile with the Remote app.

The previous access system is included in PD688 complete assembly (PD_33824-35 - PD688_display_complete_type_2), which can be used for backwards compatibility.

Your old NFC-cards need 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_24493-57 - PD688_display_complete_type_1) and the NFC-cards are still valid.

Improvements have been made to the SD-card implementation, especially regarding reset of the device.

PD804:

We have a new release of the PD804 complete assembly (PD_39142-05 - PD804_complete_type_2), which has the newest access system, with improved Group handling among other new features. The access system cannot use cards from the previous system, but must be reconfigured to be usable with this system.

Using the Remote app now allows you to access the visualization of what is displayed on the PD804, depending on the NFC-card read from the mobile with the Remote app.

Improvements have been made to the SD-card implementation, especially regarding reset of the device.

Devices and system in general:

Some bug fixes and improvements have been made to all devices

Log system has been improved

Parallel (/alternative) communication routes are possible

VIGO6 stability improved, especially regarding the debugger

Supervisor / Servant array functionality

Supervisor / Servant sending 'the complete record' on change

Override of component in assembly is now possible in descended assembly.

Fleet net in 2 versions: Normal and restrictive

Fleet net with "Destination friendly name", for selecting a specific system of many systems running the same project

Communication protocols on Ethernet:

- Modbus_TCP communication.
- Profinet communication.

Please contact PROCES-DATA for further details.

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, i.e. to another version, not to change it to another project. 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 (look below, and contact PROCES-DATA, in case you want to know more).

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_34474-10 – Update from server assembly CLIENT SIDE.

Remote access:

The VIGO6 remote app can be used to access the system in-field, in order to help the customer or to trouble-shoot issues.

Please contact PROCES-DATA for further details.

Enabling Owner Assigned Constants in Views:

To enable this functionality, please set the COPP interpreter version to 93.

Now it will be possible to insert constants, which may be altered from the View, where this view is inserted, and can be perceived as properties.

Enabling Subcomponent “element to element” access:

To enable this functionality, please set the COPP interpreter version to 93. In the subcomponent element you must ask whether the element is part of an array.

Code example:

```
IF IsArray()  
THEN  
  FOR Loc_Index := 0 TO Subcomp[0].MaxIndex()  
  DO  
    Subcomp[Loc_Index].Something:= Subcomp[Loc_Index].New_something  
    Subcomp[Loc_Index].Done:= False
```

Please contact PROCES-DATA for further details