# codewerk

**TURCK**
Your Global Automation Partner

## YOUR DIRECT LINK
### TO SIMATIC PCS 7

Struggling with integration of third-party devices into SIMATIC PCS 7? We can help! With more than 15 years of experience and as Siemens Add-On partner we are able to seamlessly integrate other systems into PCS 7.

Together with TURCK, we have implemented the new library "TURCK Remote IO for SIMATIC PCS 7". It contains diagnostic and channel blocks for PROFIBUS and PROFINET. The new multi-protocol Gateway excom GEN-N is also fully supported.

For engineering and diagnosis, the infrastructure of the Process Control system is used. Diagnostic-messages are directly sent to the operator station, process values with signal status are passed to the PLC program.

## ADVANTAGES?
### LOTS OF!

Industrial communication is a very complex field. To ensure problem-free operation a lot of Know-How is required. A comfortable and future proof alternative is using a standard solution such as the library "TURCK Remote IO for SIMATIC PCS 7". It allows efficient engineering and easy future updates.

## LIBRARY FOR TURCK REMOTE IO
### EFFICIENT INTEGRATION OF EXCOM AND BL20 SYSTEMS

**Saving time and money**
PCS 7 compliant integration of third party devices requires deep knowledge and big effort. Save your time and use our library "Turck Remote IO for SIMATIC PCS 7".

**USPs**
• **Efficient and PCS 7 compliant integration**
• **Support of vendor specific diagnostic data**

## CODEWERK PROUDLY PRESENTS
### "TURCK REMOTE IO FOR SIMATIC PCS 7"

The library comes with various important features like:
• Support of PCS 7 functionality "generate module drivers"
• Integration into the SIMATIC Maintenance Station
• Rack-, module- and channel diagnostics
• Channel drivers for HART diagnostic variables
• Channel drivers for frequency and counter values
• Support of all standard functionalities of the PCS 7 Advanced Process Library (APL)
  – Signal status
  – Scaling
  – Substitution Value / Hold Last Value
  – Bad-Output
  – Simulation functionality
• Online-Help for all library blocks

**Support and Updates?**
**We care!**

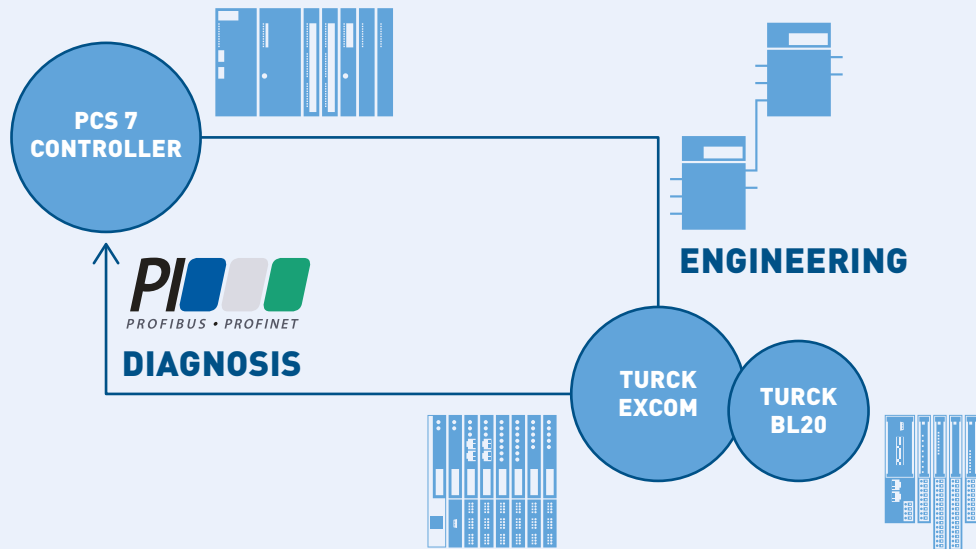**Compliant integration?**
**guaranteed!**

**Engineering costs?**
**Minimized!**

**Transparency?**
**1 license per plant!**

**Expertise?**
**15 years, Siemens Add-On partner!**

**PCS 7 CONTROLLER**

**ENGINEERING**

**PI** PROFIBUS · PROFINET

**DIAGNOSIS**

**TURCK EXCOM**

**TURCK BL20**

The block library "TURCK Remote IO for SIMATIC PCS 7" allows seamless and PCS 7 compliant integration of the Turck Remote I/O systems excom and BL20.

## INTERESTED?
## PRICING AND ORDERING INFORMATION

The plant license is valid for all SIMATIC PCS 7 Controllers within a single PCS 7 Multiproject.*

**Plant license**
**1 PCS 7 Multiproject**          **1.990 €**
Order number:                     151-11-01-AL

**Upgrade-license**
**Future PCS 7 Version**          **750 €**
Order number:                     151-11-01-UG

**Ordering address:**             **orders@codewerk.de**

*detailed licensing conditions on request

---

"In process industry, plant availability and provision of diagnostic data are very important. Status information of process values is essential to evaluate the if they are reliable to use in the process. Intelligent infrastructures between field devices and Process Control System provide additional valuable information. These advantages should not lead to increasing engineering efforts. With the seamless integration of the Remote IO-Systems via the library from codewerk, our customers do not have to compromise here. Especially the vendor specific diagnostic data and the various features of the channel drivers are big advantages for engineering and operation.
The partnership with codewerk also ensures professional Engineering and lifecycle support for our customers."

**Peter Praske | Director Product Management Process Automation Systems | Hans Turck GmbH & Co. KG**

### More information
**Peter Hensel**
t  +49 721 1745 4371
e  sales@codewerk.de

**www.codewerk.de/turckrio**

---

## LIBRARIES FOR SIMATIC

**SIMATIC PCS 7**

Remote IO Integration

Your field devices

**codewerk INTEGRATES**

**codewerk –** ON TOP OF DEVELOPMENT

**Codewerk GmbH**
Siemensallee 75
76187 Karlsruhe
www.codewerk.de