Introduction: One P13 Tool fits All

Progress 3: Tool Upgrade Overview

Former engineering and maintenance tools
- BusAdmin
- Progress 2
- SK06 (and more)

are now combined into one Tool with one Database.
Runs on normal Windows PC or Notebook.
Menu for Hardware Definition & Signals
Progress 3: Tool Upgrade Overview
HEX-Editor
Progress 3: Tool Upgrade Overview

online values
Function Chart Editor
Progress 3: Tool Upgrade Overview
Loading and PR05 Status
Progress 3: Tool Upgrade Overview
Debugger & Simulation of Signals
Progress 3: Tool Upgrade Overview
Direct Simulation of Bus Signals
Progress 3: Tool Upgrade Overview
Test Set (Display, Record, Simulate)
Progress 3: Tool Upgrade Overview
Online (Read code back from 70PR0x or 70ASx)
Progress 3: Tool Upgrade Overview

Code can be read from either RAM, EEPROM or even from Kombi EPROM
Connection to Control System: SK60/61/62
Progress 3: Tool Upgrade Overview

Connection to P13 boards by use of connector (direct local connection)

- SK60 built in a Desktop PC (ISA SLOT)
- SK61 external box for a Notebook PC (USB 1.1)
- SK62 external box for a Notebook PC (USB 2.0)

Setup in Progress 3

Procontrol P13 local bus with 70PR03 and PR05

Connected by the use of simulation memory 70SS01 and test memory 70SP02

Applicable for:
- 70PR02
- 70PR03
- 70PR05
- 70BK02
- 70FV01
- all 70ASxx
Connection to Control System: 70BK03
Progress 3: Tool Upgrade Overview

Connection to P13 boards from local bus (70BK03) to serial interface (PC)

Variants:
- 70BK03c-E/R1 RS232 connection
- 70BK03c-E/R3 RS485 connection

Setup in Progress 3

Simultaneous access to all local addresses resp. boards (local bus) possible
Connection to Control System: 70BK03
Progress 3: Tool Upgrade Overview

Connect to several local P13 stations
- Serial connection (PC) or „remote“ by TCP/IP → RS232 converter

Applicable for:
- 70PR02
- 70PR03
- 70PR05
- 70BK02
- 70FV01
- all 70ASxx
Connection to Control System: 70BK03 & 70BI01
Progress 3: Tool Upgrade Overview

Connect to several local P13 stations

- Local or remote connection by TCP/IP with new 70BI01 Device

Applicable for:
- 70PR02
- 70PR03
- 70PR05
- 70BK02
- 70FV01
- all 70ASxx
Connection to Control System: 70BK03
Progress 3: Tool Upgrade Overview

Connect to several local P13 stations via P42 intra-plant bus
- Serial connection (PC) or „remote“ by TCP/IP → RS232 converter

Applicable for:
- 70PR02
- 70PR03
- 70PR05
- 70BK02
- 70FV01
- all 70ASxx
Diagnosis by Progress 3 Tool *for information*

Progress 3: Tool Upgrade Overview

- Remote
- Engineering & Monitoring
- Diagnosis of the Control systems
Diagnosis by Progress 3 Tool for information

Progress 3: Tool Upgrade Overview

Plant Diagnostics Level
- Plant-wide diagnostic alarm overview
- Detailed diagnostic displays
- Acknowledge diagnostic alarms

Plant Maintenance Level
- Detailed graphical diagnostic displays
- Display diagnostic messages
- Display analog and digital values
- Trend display analog values
- Debugging functionality

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## Revision Index

### Progress 3: Tool Upgrade Overview

Document: 2VAA002154_en_Progress 3 Overview Presentation

<table>
<thead>
<tr>
<th>Rev.</th>
<th>Description</th>
<th>Date / Dept.</th>
</tr>
</thead>
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<td>-</td>
<td>Initial release for external distribution</td>
<td>2012-06-19 / PSP-PRU</td>
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</table>