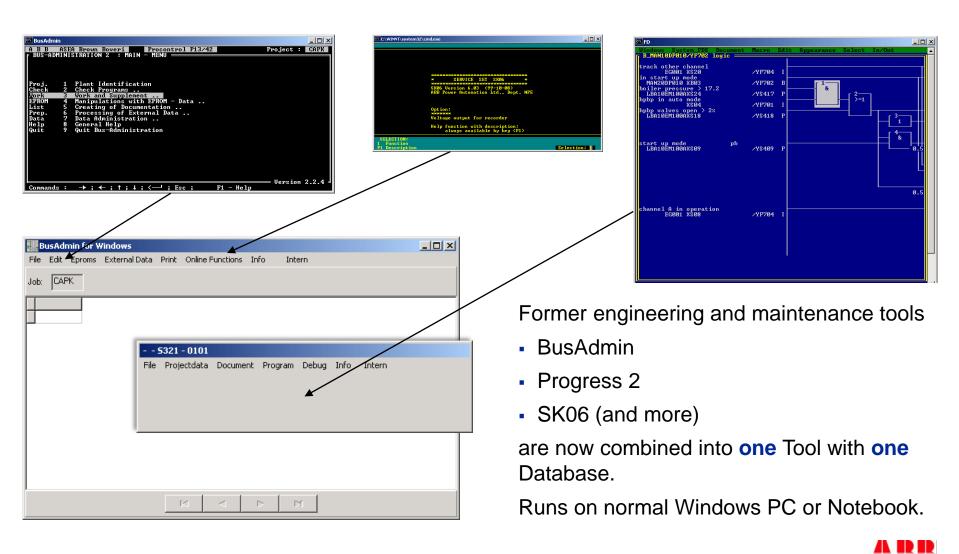


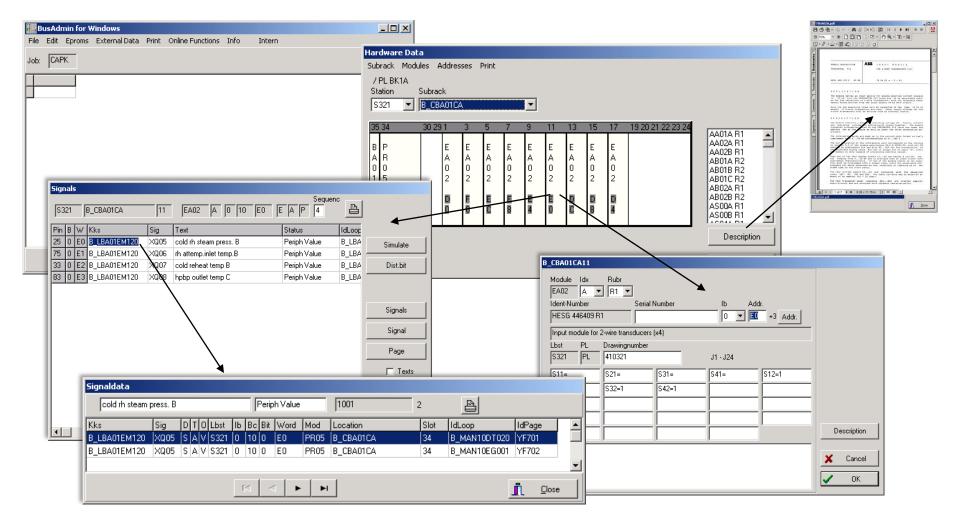
BU Power Generation, ABB Switzerland Ltd

Procontrol P13/42 Progress 3: Tool Upgrade Overview

Introduction: One P13 Tool fits All Progress 3: Tool Upgrade Overview

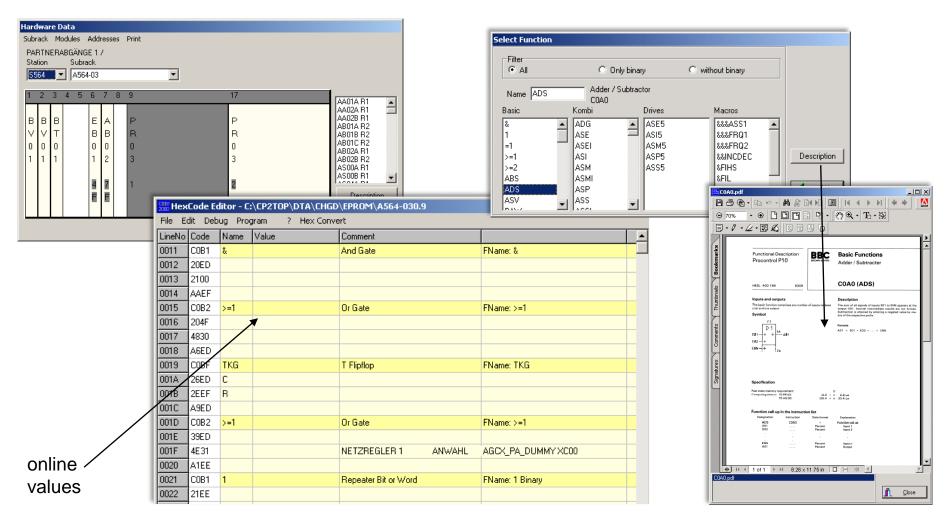


Menu for Hardware Definition & Signals Progress 3: Tool Upgrade Overview



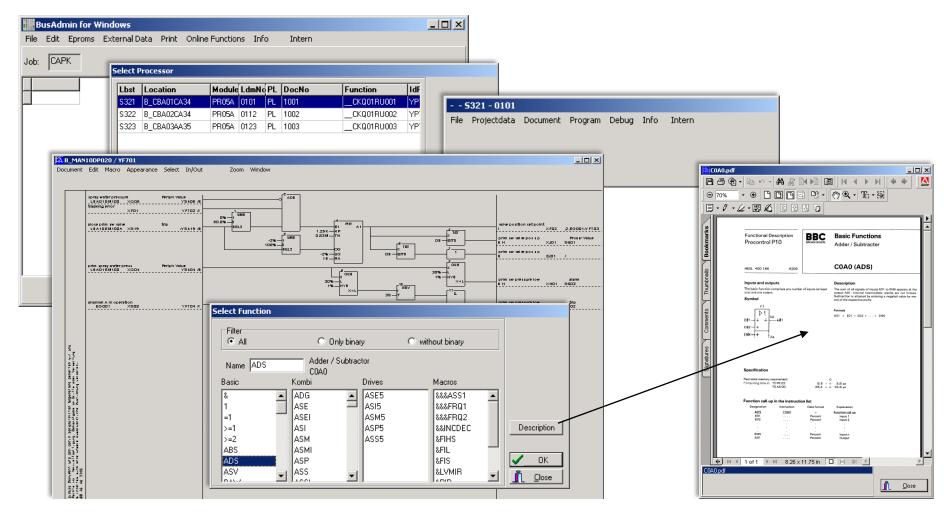


HEX-Editor Progress 3: Tool Upgrade Overview



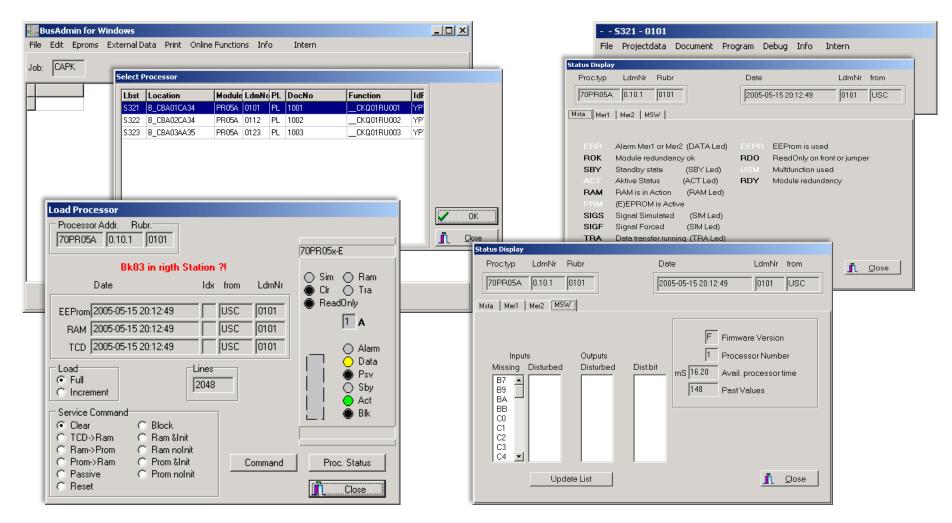


Function Chart Editor Progress 3: Tool Upgrade Overview



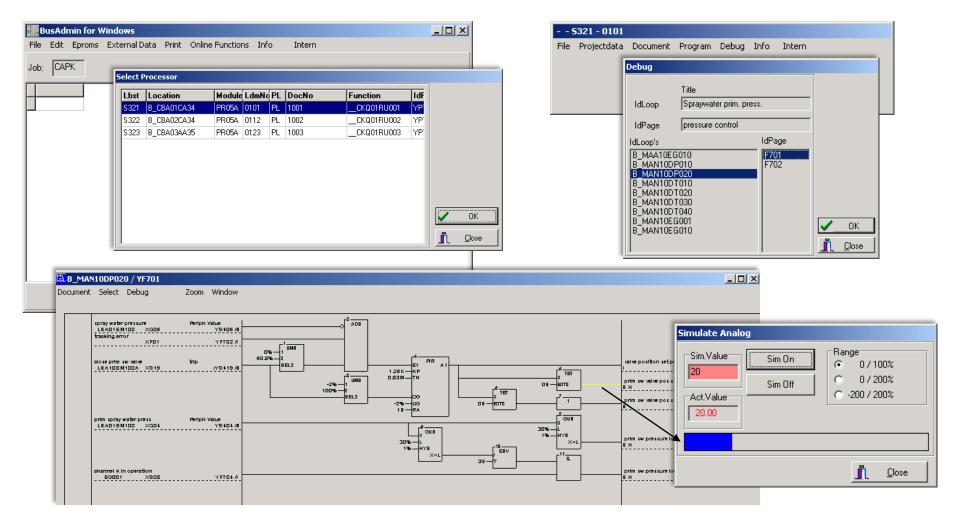


Loading and PR05 Status Progress 3: Tool Upgrade Overview



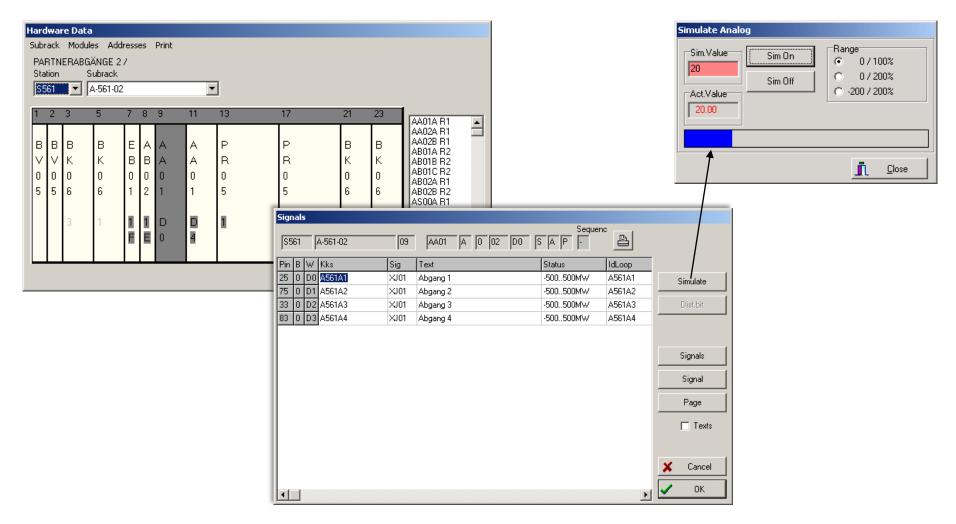


Debugger & Simulation of Signals Progress 3: Tool Upgrade Overview



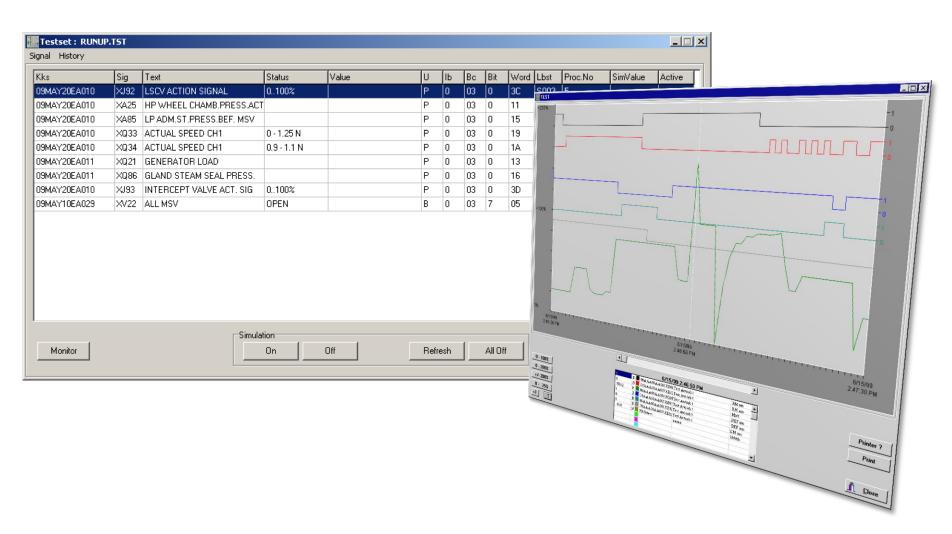


Direct Simulation of Bus Signals Progress 3: Tool Upgrade Overview





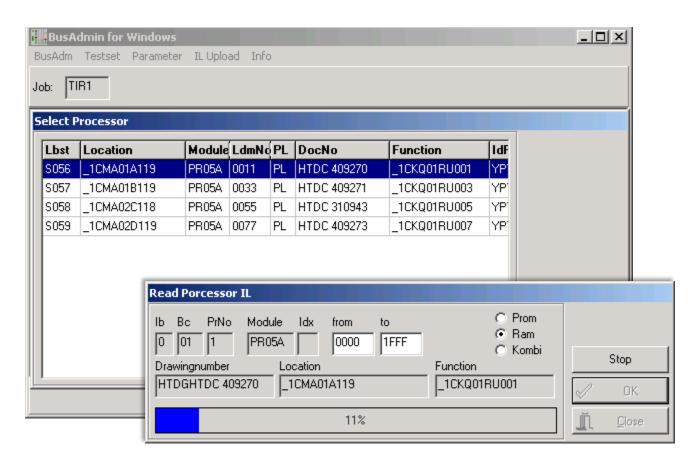
Test Set (Display, Record, Simulate) Progress 3: Tool Upgrade Overview





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



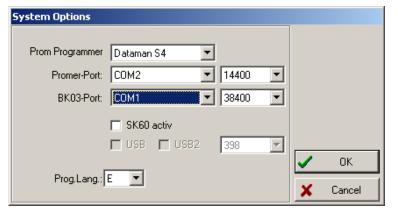


Connection to Control System: SK60/61/62 Progress 3: Tool Upgrade Overview

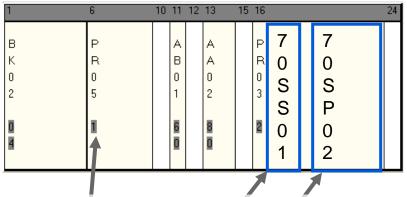
Connection to P13 boards by use of connector (direct local connection)

- 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



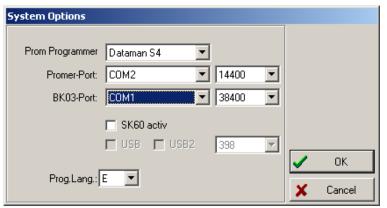
Connection to Control System: 70BK03 Progress 3: Tool Upgrade Overview

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

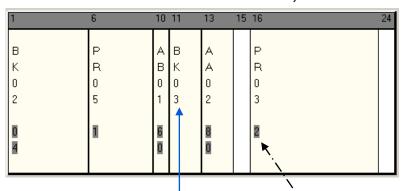
Variants:

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

Setup in Progress 3



Procontrol P13 local bus with 70PR03, 70PR05 and 70BK02





Applicable for: 70PR02 70PR03 70PR05 70BK02 70FV01 all 70ASxx

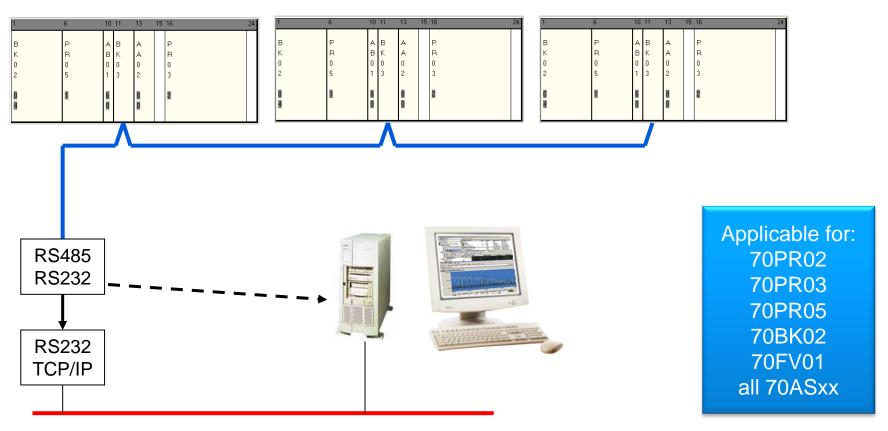
Simultaneous access to all local addresses resp. boards (local bus) possible



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

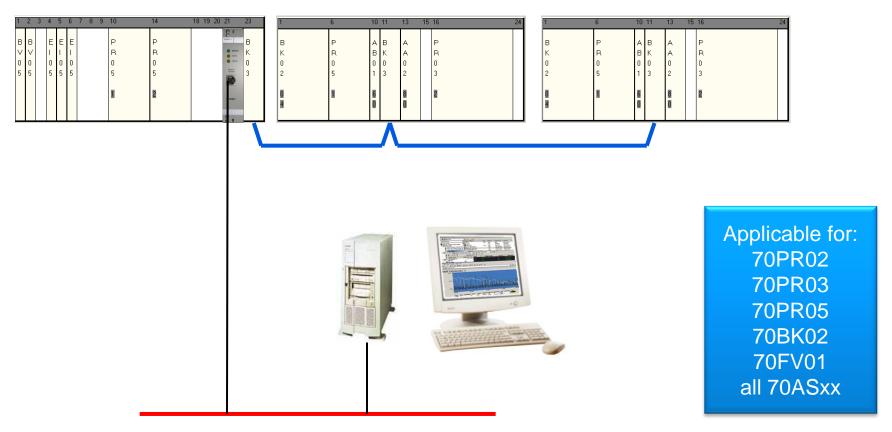




Connection to Control System: 70BK03 & 70BI01 Progress 3: Tool Upgrade Overview

Connect to several local P13 stations

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

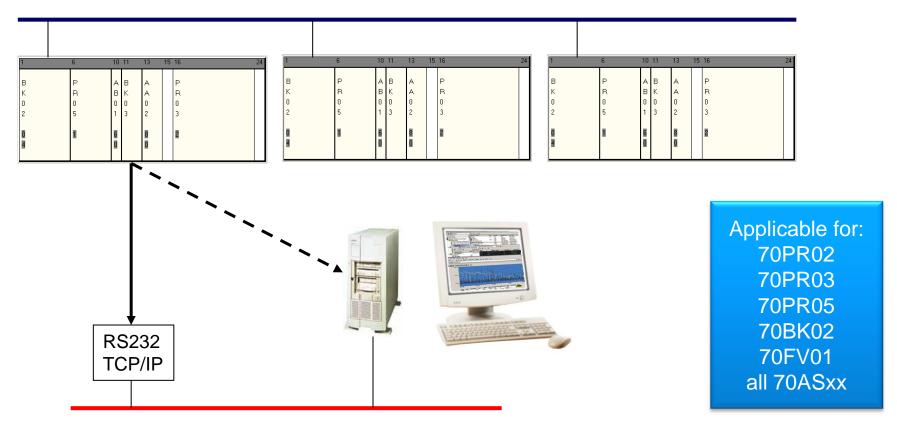




Connection to Control System: 70BK03 Progress 3: Tool Upgrade Overview

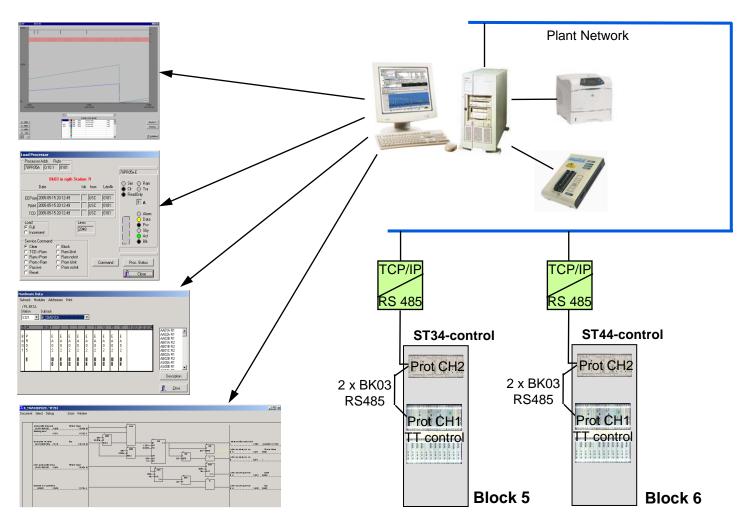
Connect to several local P13 stations via P42 intra-plant bus

Serial connection (PC) or "remote" by TCP/IP → RS232 converter





Diagnosis by Progress 3 Tool *for information* Progress 3: Tool Upgrade Overview

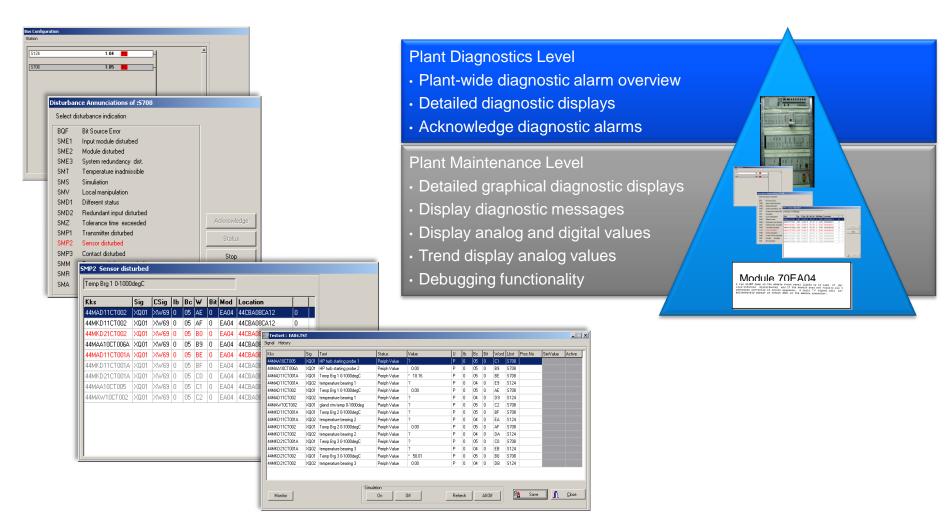


- Remote
- Engineering & Monitoring
- Diagnosis of the Control systems





Diagnosis by Progress 3 Tool *for information* Progress 3: Tool Upgrade Overview





Power and productivity for a better world™



Revision Index Progress 3: Tool Upgrade Overview

Document: 2VAA002154_en_Progress 3 Overview Presentation

Rev.	Description	Date / Dept.
-	Initial release for external distribution	2012-06-19 / PSP-PRU

