

New Product, Control Builder A, Version 1.0

A new version of AMPL Control Configuration ACC is released. Due to its integration possibility into Industrial IT / Engineer IT and to general naming conditions for the different controller configuration tools, the well known product name AMPL Control Configuration was changed to **Control Builder A**. The version of Control Builder A starts with 1.0.

Control Builder A supports off- and on-line configuration of the following Advant (Master) Systems

- Advant Controller 100 Series (AC 55/70/80/110/160)
- Advant Controller 400 Series (AC 410/450)
- Advant Fieldbus 100 OPC Interface and AdvaSoft for Windows 1.x.

Some classic Master systems and drive controllers are supported in addition.

New functions in comparison to AMPL Control Configuration 2.0 are:

- Support of Advant Controller 160 version 2.1, the Advant Controller 160 version with the new 6 times faster Advant Controller 160 CPU.
- Additions for DB elements of AC 110 2.3 and AC 160 2.1
 - New UNIT-Terminal for PARDAT(I), (IL), (R) for documentation purpose, value visible at PC connections
 - Completion of PARDAT DB Element series by new DB Element Types PARDAT(T), (TR)
- Support of Advant Controller 410 version 1.5 with revised software version QC01*11.0/1
- Restricted execution possibility for FCB as 'Application Loader':
A new password protected mode allows to use FCB only for target control functions like application loading; in this mode all other FCB functions are locked.
- New password protected mode supports read only access to FCB data.
- Max. number of DSP Database Elements per AC160 2.1 node increased from 200 to 250, number of executable units CONTRM, MASTER and SEQ increased from 31 to 63.
- Node-, TC- and CI-list in Application Builder with enhanced MS-Explorer-like column configuration, sorting, and sizing support,
- Sort Source Code Files MS-Explorer-like by name or modification data/time in Application Builder's dialogs Extend View, Convert and Extract
- Function Chart Builder improvements for Node Source Code generation and backtranslation
 - Support of storage in files with long filenames, special characters in filename, any syntax in filename, and in any folder
 - Backtranslation of multiple selected DB and PC source code files at once
 - Processing of partial PC source code from...to item designation
 - Generation of (partial) DB source code with wildcard item designations; useful to load/append DB elements into existing systems.
 - Generation of (partial) DB source code with MODIFY prefix; useful to modify DB elements running in existing systems.
- New Copy/Paste options in Function Chart Builder support (virtual) connections to external PC elements
- Configurable warning levels ease modification of DB (MODIFY DB) on type circuit instantiation, circuit and node structure expansion.
- Support of S800 IO Elements AI890, AO890, DI890, DO815, DO821, DO890 via PROFIBUS for AC 110 2.2, AC 110 2.3, AC 160 2.0 and AC 160 2.1
- Information about number of used PC Terminals in Output Window of Generate Target Code

Control Builder A 1.0 consists of

- Application Builder APB 4.0
- Function Chart Builder FCB 6.0
- Bus Configuration Builder BCB 3.0
(same version as already released with AMPL Control Configuration 2.0)

the option

- On-line Builder ONB 3.0
(same version as already released with AMPL Control Configuration 2.0)

and the library

- AMPL PC and DB Element Libraries 3.0.

You will find this new release of Control Builder A in the Price Lists 3BSE 014 302/M "Advant Engineering Products" and 3BSE 014 303/K "Upgrade Advant Engineering Products", part of Price Book 3BSE 014 380/E "Advant OCS, Master SW, Engineering".