What are the latest changes that have been made to N2KBuilder V3?

437 Ron De Pastino September 28, 2023 N2KBuilder, N2KBuilder 0 7.96K

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The full build number of the latest version is **3.1.0.20230628**

For new users, this application is available by request on the following page.
- https://www.maretron.com/products/n2kbuilder-nmea-2000-network-design-software/

For existing users, with internet access, can perform the in-line update to their installed N2KBuilder.
- Launch N2KBuilder on your PC
- Select About tab
- Check for Updates

Changes in N2KBuilder V3 version 3.1.0 from version 3.0.0

- Added new parameter types to CLM100
- Improved configuration for CLMD12, CLMD16, CKM12, VMM6
- Added export of Labels to N2KAnalyzer
- Corrected channels marked DISABLED from causing instancing conflicts

Changes in N2KBuilder V3 version 3.0.0 from version 1.12.1

- Added CLMD16
- Combined CLMD12 and CBMD12
- Added CKM12
- Added VMM6

- Added DSM570
- Added ability to export configurations for import by N2KAnalyzer
- No longer requires AIR to be downloaded from Adobe

Changes in N2KBuilder version 1.12.1 from version 1.11.23

- Added Annunciation channels to DCR100, with instance checking (4475)
- Obsoleted TLM200 (4480)
- Obsoleted TSM1330C (4481)

Changes in N2KBuilder version 1.11.23 from version 1.11.22

- Added ability to connect cables directly to cables (1299)
- Added ability to constrain line segments to vertical or horizontal while drawing, by holding down the Shift key (4060)
- Changed "Maretron Capabilities Matrix" to "Maretron Capability Matrix" (4083)
- Corrected Instance Assignment of TSM, MBB, IPG, USB. (4113)
- Added DSM410 (4205)
- Removed Cloud Services from BOM (4228)
- Pressing ESC disabled "Show Handles", but handles are still visible (4229)

Changes in N2KBuilder version 1.11.22 from version 1.11.21

- Added detail to printed Network Configuration Table for CLM100, DCR100, FFM100, and FPM100 (2986,3960)
- Renamed “Cloud” to “Real Time Cloud Service” (4024)
- Added Telemetric Cloud Service (4024)

Changes in N2KBuilder version 1.11.21 from version 1.11.20

- Obsoleted DSM250-03 (White) (3917)
- Obsoleted NM-NG1-NF-09.0 (Mini cable 9m) (3918)
- Renamed "Cloud Services" to "Real Time Cloud Service" (3919)
- Added Motion Detector IS216 as SIM100 accessory (3969)

Changes in N2KBuilder version 1.11.20 from version 1.11.19

- Changed Zoom In / Zoom Out to maintain screen center (3590)
- Removed references to N2KView software modules (3770)
- Added .n2b extension to Save As menu item (3781)
- Expanded Not Connected rule to include all components and cables (3782)
- Corrected display of CLM100 in configuration table (3788)
- Embedded N2KBuilder version number in xml file. (3796)
- Corrected display of voltages on MBB200C if only one cable is connected (3797)
- Obsoleted MBB200C (3879)
- Added MBB300C (3880)
- Obsoleted TAL-1.25BSP and TAL-1.5NPT airlocks (3881)
- Obsoleted DM-DG1-DF-09.0 Mid Gray 9m cable (3882)
- Added support for PT-0-1.5PSI-01 pressure transducer (3883)
- Corrected FFM100 properties and instancing (3878)

Changes in N2KBuilder version 1.11.19 from version 1.11.18

- Disabled instance assignment when no source is selected (3600)
- Corrected display of cables on 90 degree connector (3628)
- Set cable length to 0 when converting long cables to double ended cordsets (3629)
- Changed glow on multiport to yellow when used in trunk (3542)
- Added support for TFTDBE-5H Focus Tube with Deadband Eliminator (3757)
- Added support for IRHT-01 Indoor Humidity/Temperature Sensor (3758)
- Added support for PTS-0-nPSI-01 Submersible Pressure Transducers (3759)
- Corrected instance assignment in TMP100 (3765)

Changes in N2KBuilder version 1.11.18 from version 1.11.17

- Prevented changes in size on cables that would result in impossible connections. (3620)

Changes in N2KBuilder version 1.11.17 from version 1.11.16

- Corrected saving of FPM100 to disk (3616)

Changes in N2KBuilder version 1.11.16 from version 1.11.15

- Corrected drag of Field Attachable Cable (3465)
- Add support for SSC300 (3466)
- Corrected Pressure Source for FPM100 (3470)
- Removed non-operational scroll bars from Title Area (3477)
- Add support for CLM100 (3556)

Changes in N2KBuilder version 1.11.15 from version 1.11.14

- Added Ability to detect loops caused by NBE100s (1611)
- Corrected swapping ends when copying a Cable (2762)
- Created new DRC check - Instancing OK (2984)
- Corrected totaling of Small cables in the BOM (2985)
- Corrected display of Channel Information for DCR100 and FFM100 (2986)
- Corrected display of NBE100 label on diagram (3105)
- Corrected bug where networks greater than 1 were showing zero device voltages. (3363)
- Corrected saving of Design Report as a PDF file. (3364)
- Discontinued EMS100 (3399)
- Discontinued Black Water Airlocks for TLM100 (3400)
- Pasting now drops in correct place (3418)
- Prevented dragging of connected cables (3464)
- Corrected dragging of Field Attachable Mid & Micro cables (3465)

Changes in N2KBuilder version 1.11.14 from version 1.11.13

- Pressing ESC when a selection rectangle is displayed will remove the rectangle
- Backbones with in-line multiport boxes will now display in yellow.
- Zooming with the backbone displayed will now zoom the backbone as well
- Prevented the ability to create a selection rectangle when moving a scrollbar
- Changed wording when Maximum Backbone length is exceeded to match NMEA 2000 definition
- Replaced FFM100 fuel flow senders with new part numbers

Changes in N2KBuilder version 1.11.11 from version 1.11.10

- Added Label, Serial Number, Installation Descriptions, and Instance Numbers to MBB200C, TSM800C, and TSM1330C.
- Replaced FFM100 gauges with metal part numbers
- Corrected input of FFM100 gauges with old part numbers from saved files

Changes in N2KBuilder version 1.11.10 from version 1.10.9

- Discontinued several cables.
- Added TSM800C, TSM1330C.
- Discontinued TSM800, TSM1330.
- Added MBB200C with cables that can have their ends dragged.
- Discontinued MBB100.
- Changed DSM150 so that the cable end can be dragged.
- Changed BOM for bulk cable to the cables over 100m cannot be ordered, cables over 50m are converted to 100m spools
- Changed BOM so that bulk cables are now not joined together, but will be listed separately

Changes in N2KBuilder version 1.11.7 from version 1.11.6

- Corrected dragging of handles.
- Corrected paste function.
- Corrected import of picture filenames.
- Added some code to prevent devices from being dragged off the page
- Changed background from grey to white
- Corrected problem where DST110 was not showing on BOM
- Corrected problem where DSM150 current was showing as 0 Amps
- Prevented 'flipping' of SMS100
- In FFM100, the default mode of operation was changed to "Differential"
- Added code to automatically rotate terminators and end caps as they get near a socket.

Changes in N2KBuilder version 1.11.4 from version 1.11.3

- Modified Bill of Materials (BOM) display so that long descriptions do not extend into adjacent columns
- Corrected problem creating and saving 0.5m double ended corsets

Changes in N2KBuilder version 1.11.0 from version 1.10.0

- Added VDR100, TSM800, TSM1330 devices
- Added group move and delete
- Added 400A Current Transducer to ACM100
- Corrected bug in print function of Capability Matrix
- Improved connector snapping function
- Improved responsiveness by running the checker less often.
- Marked LP gas detector as “discontinued”
- Corrected LEN load for DST100, DST110

Changes in N2KBuilder version 1.10.20110805 from version 1.11.0.2012083

- Added new component FFM100 (Fuel Flow Module)
- Added new component FPM100 (Fluid Pressure Module).
- Added new component E2000 (Wireless Router).
- Allow Generic Components to not require Power drawn from the NMEA2000 bus
- Allow building of J1939 networks on a J2K100.
- Capability Matrix now shows capabilities that have been met by the design by using darker text on the entire row.

Changes in N2KBuilder version 1.8.20110315 from version 1.8.20110210:

- Added new component NBE100 (Network Bus Extender)
- Added new component DCR100 (DC Relay).
- Added filename at top of window.
- Corrected hiding of red error glow behind black selected glow.
- Corrected assignment of instance numbers to WSO100.

Changes in N2KBuilder version 1.8.20110210 from version 1.7.xx:

- Added new component IPG100 (Internet Protocol Gateway)
- Added new component MBB100 (Maretron Black Box).
- Added new component DSM800 (8” Display Module).
- Marked obsolete components as grey, excluded them from BOM
- Corrected hiding of red error glow behind black selected glow.

Online URL: https://maretron.com/wp-content/phpkbv96/article.php?id=437