

Epec MultiTool

- A configuration tool that helps you get started faster

MultiTool helps developers concentrate on functionality

Epec MultiTool is a system design and configuration tool that helps developers concentrate on functionality while hiding the inherent complexity of programmable devices.

Configurations made with MultiTool's intuitive user interface are generated into a code template. The otherwise slow and error prone steps, such as CAN protocol initializations, are automatically done by MultiTool. In addition, MultiTool speeds up the start of making the actual customer application with machine functionalities. The customer application is implemented on top of the code template using CODESYS IEC 61131-3 programming languages.

Epec MultiTool provides easy-to-use interfaces to select preferred programmable control units to the system and create CANopen object dictionaries (ODs) as well as I/O configurations for these devices. Furthermore, third party CANopen devices, such as sensors, are easily added to the control system by importing EDS (Electronic Data Sheet) or DCF (Device Configuration File) files from the device manufacturer to the MultiTool project.

In order to enable system developers to select the most suitable tools for testing and analysing the control system, MultiTool generates CAN databases to export CAN data structures for diagnostics/analyzing tools such as Epec CANmoon. File format is commonly used in the market, which makes it possible to utilize the feature also with third party analysing tools. This makes it easy to test, verify and optimize the control system's performance.

During its 10 years of history, MultiTool has gained a reputation among our customers as the easiest, most efficient and intuitive way to design and configure control systems. MultiTool has gone through a huge transformation over the past year. The latest Multitool, the fifth generation, is a totally re-designed tool with new unseen features and improvements to usability and productivity. One of the new features is a configuration of ClobE, Epec's new remote management solution.

MultiTool supports CODESYS versions 2.3 and/or 3.5 depending on the control units used in the system.



Some of the key features of Multitool:

- Manage the whole control system in one project
- Fast configuration of CANopen communication with easy to use graphical user interface
- Automated SAE J1939 communication using standard predefined PGNs
- Simple to use configuration of I/O interface
- Many diagnostic features built-in and automatically included in the code template
- Easy setup of communication with Epec GlobE remote management solution
- Library Manager ensures that you have the correct libraries in your project
- Create Your CODESYS project with full CAN communication, I/O and diagnostic features already built in the code template – All with just one click of your mouse!

“ The best thing about Epec’s MultiTool is that it lets you get to the actual work much faster.

