



Epec virtual testing

IMAGE SOURCE: Epec Oy

Epec launches a virtual testing environment and renews all development software products

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Epec launches **Epec MultiTool Simulator (MTS)**, a virtual testing environment for Epec control systems. With MultiTool Simulator, the machine and commercial vehicle manufacturers are able to speed up their machine application development process. MTS accelerates the control system SW design significantly by utilizing virtual versions of the actual control system hardware products enabling machine application development and testing to be run in a virtual simulation environment. With MultiTool Simulator, tests can be automated and run without a physical test set-up, with multiple developers using the same simulated system.

Epec also renews all development software products bringing them under MultiTool brand to improve their consistency and user experience. The existing software are renamed as follows:

- **Epec MultiTool Creator** for configuring the control systems (old name Epec MultiTool)
- **Epec MultiTool Diagnoser** for diagnosing and monitoring the CAN communication between control units (will replace Epec CANmoon)
- **Epec MultiTool Creator Installer**, an installer package containing MultiTool Creator, Epec PLCopen libraries and needed targets for all Epec control units (old name Epec SDK)
- **Epec MultiTool Simulator** for simulated testing

*"MultiTool Simulator is an important part of modern machine application SW development process", says Product Manager **Kari Ahvenlampi**. "With MTS and the virtual copies of Epec control units, our customers can start machine application development and testing before they have the actual control unit in their hands. It is possible to speed-up R&D and improve software quality with MTS. MultiTool Simulator is a software-in-the-loop (SIL) environment and it has Python API for test case generation, possibility for automated testing and customization for customer's needs. Seamless integration with other Epec software development tools offer efficient project execution and great user experience."*



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