

SimTecc

Release notes 2.14.0

maximatecc releases a new version of SimTecc. SimTecc continues to improve with this new release with focus on stability and new functionality.

maximatecc●

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Change notification

maximatecc is releasing a new version of SimTecc including several bug fixes, new documentation, multicore support for TimeSync, x64 versions of some of our components and more.

Two installers are available, one for the x86 platform and one for the x64 platform. The x86 version may not be installed on the x64 platform and vice versa. Apart from the addition of x64 support for some of the SimTecc components in the x64 version both versions are the same.

Licensing

The new version of SimTecc will not require a new license. When installing the new version of SimTecc the old license registered on the computer will be discovered. With the introduction of two license levels an old license, before version 2.7.0, is equal to the new Developer license which has no limitations.

If you don't have a valid license for SimTecc, install the new version and follow the instructions in documentation to request a license.

New possibilities

With the release of SimTecc 2.14.0 there are a couple of new features:

- The introduction of SimSocket Configurator means you no longer need to edit the xml-file directly and risk inputting invalid information. Even more settings are now configurable too.
- TimeSync is now able to harness the power of modern computers using multiple cores. In the past TimeSync only made use of one core no matter what the CPU architecture looked like. It is still possible to run TimeSync in single core mode.
- The following components (and their respective tools) are now available for the x64 platform: SimCAN, SimIO, SimIo2Can, SimIo2Eth, SimLIN, SimSerial and SimSocket
- SimScript has been discontinued in favour of using Python scripts with IronPython. SimTecc provides IronPython helper classes for the following components: SimCAN, SimIO, SimSerial and SimSocket
- The new SimIo2Eth Client interface can be used to communicate with SimTecc on the computer running the SimIo2Eth Server. In addition to having the same interface as SimIO it provides a couple of functions handling the Ethernet connection.
- A path to a CAN log file may now be specified from BusTool instead of having to edit the registry directly.

Improved stability and bug fixes

In this release a number of improvements have been made:

- Fixed multicast support in the SimSocket Bridge when external routing is used.
- Fixed graphical glitch in the script window of IoTool.

And also a few small improvements are made for better stability in all SimTecc components.

Functional implications

This version is backwards compatible with version 2.7.x for the most part. The x86 components that have a x64 version as well export slightly different names in the dll:s which means applications built using an earlier version of SimTecc need to be rebuilt using the new header and source files in the SimTecc SDK folder. For application that cannot be rebuilt for some reason a set of backward compatible dll:s is included. Please refer to the documentation for more information.

Validation of the new revision

We have performed extensive testing of the new version to make your transition as smooth as possible. However we strongly recommend that you perform your validation testing of the new release in your application before release for commercial use.

For further information or assistance please contact the SimTecc support team
(SimTecc-support@maximatecc.com).