

SimTecc

Release notes 2.13.0

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

Change notification

maximatecc is releasing a new version of SimTecc including several bug fixes and the all new SimSocket Bridge. Although the main focus has been on SimSocket, components such as SimCan, SimIo and TimeSync have some new features as well.

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 SimTecc help to request a license.

New possibilities

With the release of SimTecc 2.13.0 there are a couple of new features:

- The major new feature is the SimSocket Bridge which allows communication over a real physical network. This means SimSocket UDP/TCP packets going through the bridge can be analysed in an analysis tool such as WireShark like any other network activity.
- When using the Linux CAN Bridge it is now possible to check if it is set up and running correctly in Linux using the SimCan Configurator.
- The name restriction on a Linux CAN Bridge bus has been changed to allow easier integration with CODESYS.
- The maximum number of I/O signals and sockets to use may now be configured by the user.
- A floating license may now be checked out up to 30 days.
- The TimeSync API has been extended to enable retrieval of a few extra parameters.

Improved stability and bug fixes

In this release a number of improvements have been made:

- When polling SimSocket it will no longer return right away when the time parameter has been set, which was occasionally the case.
- The error handling in SimSocket has been improved which allows the application using it to easier take necessary actions depending on the reason for the error. When using C# SimSocket will now throw exceptions similar to .Net sockets when errors are encountered.

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

Functional implications

This version is backwards compatible with version 2.7.x.

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).