



OS Windows XP Professional: Required Access Rights for Users of LABCAR Experimentation Software

PROBLEM DESCRIPTION

Starting with version 2.0.1, the ETAS Software "LABCAR-OPERATOR" supports the operating system WINDOWS XP. Compared to previous versions of the Windows operating system, the options of defining rights to access system resources and OS system parameters have been extended. As a consequence, the effective user- and access rights (i.e., rights that are given explicitly and rights that are inherited from higher level objects in the user hierarchy) may not be sufficient for running the LABCAR-OPERATOR software.

SOLUTION

To successfully operate LABCAR-OPERATOR users must have the following access and user rights:

- A user must have the user right "Increase Scheduling Priority". This right is needed to ensure that the Target Server can run in real- time mode.
- A user must have the access right "write" to the key "HKLM_SOFTWARE_MICROSOFT_CRYPTOGRAPHY_RNG" in the WINDOWS system registry. This is needed for access and encryption of the LABCAR DEVELOPER database.
- The system group "Authenticated Users" must have the access right "full access" to the key "HKLM_SOFTWARE_ETAS" and all sub keys in the WINDOWS system registry. This right is necessary to be able to change configuration settings in the software while it is running.
- The user group "Everyone" must have the following access rights to the folder "...\\ETAS\\LC_RTEC1.5\\GNU" and all subfolders on the hard drive: "Read & Execute", "List Folder Contents" and "Read". Users need these rights if they want to generate executable code. During code generation, the 3rd party tool CYGWIN needs to shift WINDOWS user rights to UNIX user rights for the GNU-C compiler, so that the compiler can run without problems.

APPLIES TO PRODUCTS

LABCAR-OPERATOR, LCO V2.x.x V3.x.x

ADDITIONAL KEYWORDS

