Confirmation of participation

SIMATIC BATCH COM API
Classroom Training

DI PA AE System Support

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Has successfully participated in the 1-day classroom training SIMATIC BATCH COM API from 01/18/2022 to 01/18/2022.

Aim of the SIMATIC BATCH COM API classroom training

In the training, a SIMATIC BATCH COM API program was created in the Microsoft Visual Studio C# development environment. In the process, in-depth knowledge of the SIMATIC BATCH COM API was imparted. The self-created application was tested in a SIMATIC BATCH runtime environment (based on the SIMATIC BATCH Getting Started kitchen project). The program was extended step-by-step with typical functions as needed for the vertical integration of SIMATIC BATCH with external systems.

The SIMATIC BATCH COM API classroom training contains the following focus topics:

- Overview SIMATIC BATCH API
- Installation and licensing
- Using the "Smiley Tool" (available on SIOS)
- Creation of a command line program in MS Visual Studio C# "from scratch"
- Extension of the program with the functions
    - o   Determination of the PCell
    - o   User login
    - o   Creation of materials and creation, release and start of batches
    - o   Registration for and receipt of API notifications
- General considerations for system load and handling of failure scenarios (server unavailable, redundancy switchover).

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 Karlsruhe, 1/24/2022

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