



SIEMENS DIGITAL INDUSTRIES SOFTWARE

PLC emulation using Tecnomatix Plant Simulation, PLCSIM Advanced and TIA Portal

Join us for this presentation

Thursday, October 7, 2021

15:00 German time

Presentation language: English

Software: Tecnomatix Plant Simulation

[siemens.com/plantsimulation](https://www.siemens.com/plantsimulation)

SimPlan AG, a provider of simulation for production and logistics processes and a Siemens partner, had previously conducted several classic material flow simulation studies for its customer HOLTEC using Tecnomatix® Plant Simulation.

Because HOLTEC uses SIMATIC STEP7 and TIA Portal to program its PLC logic, using SIMATIC S7-PLCSIM Advanced to emulate the PLC logic by connecting with the simulation model seemed the obvious next step.

In this presentation, SimPlan discusses its first emulation project, including changes to the standalone simulation model and the PLC logic, which were necessary prerequisites in this case.

The presentation also covers the challenges and lessons learned, as well as the benefits and value that were realized by HOLTEC.

Invited to this presentation are exclusively Tecnomatix Plant Simulation users.

The lecture will take place in a virtual reality "Siemens Virtual Spaces". Pre-registration is required, as well as the download of the software SISW Spaces. The link to download the software will be sent with the confirmation email. If you would like to participate in the lecture, please send the following e-mail to:

Matthias.Heinicke@siemens.com

I would like to participate in the lecture "PLC Emulation using Tecnomatix Plant Simulation, PLCSIM Advanced and TIA Portal".

First and last name:

Company:

email address:

Current used Plant Simulation version:

I agree to the electronic storage and processing of my data for the execution of the event.

Presenter biography:

**Alexander Dilg,
SimPlan AG**

2010 graduate of Technical University Darmstadt, Business Administration and

Mechanical Engineering with major in Operations Research. Joined SimPlan AG in 2011 as a consultant in simulation studies and software training for Plant Simulation.

Project focus:

- Logistics processes (both conveyor systems and vehicle transports, AGVs)
- Assembly and production lines
- Library development for VDA and SimPlan
- Active member of the Siemens PLM Community – username AlexD_SimPlan



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