Plant Simulation
First Americas Plant Simulation User Conference

US Conference in April in Livonia
- Keynote by Doug Fish
- Customer presentations: FCA, Geometric, Western Digital, cards PLM DSI, Eng USA and more
- Excellent feedback from customers, partners and internal participants
- Community build and training
Invitation to join the
2018 Plant Simulation Worldwide User Conference

October 16th - Thursday, October 18th 2018

Siemens convention center
Weissacher Strasse 11
70499 Stuttgart, Germany

16th Production visits Daimler + Eisenmann
17th presentations
18th trainings

Registration:
Link:

Positioning of Siemens Tecnomatix Plant Simulation

- Plant Simulation is a discrete event simulation tool for Simulation, Analysis, Visualization and Optimization of Production and Logistics
- Plant Simulation is the recognized market leader in Germany and in the Automotive industry
- Largest Discrete Event Simulation (DES) User Conference Worldwide
Siemens Tecnomatix Plant Simulation Benefits

- We asked 600 Plant Simulation users in about 200 companies to estimate the cost / value ratio based on their experience
- Cost / Value ratio is estimated in average 1:12
- Average ROI time: 8 months

Solution Highlights
Tools for Production Optimization

- Detect and eliminate bottlenecks before they occur in real production systems
- Increased output by 10.5%
- 3GW electrical power saved
- Results in msec
- Increased productivity by 18.2%
- Genetic Algorithm

- Increase Sustainability
- Reduced energy costs
- Energy Analyzer
- Fuzzy logic
- Reposition resources to optimize production flow

- Increased throughput
- Reduced transport distances
- Sankey Diagram
- Systematic run of pre-defined evaluations
- Cut number of skids to half
- Experiment Manager

- Make efficient use of existing data
- SIEMENS
- SDT
- 98.5% accuracy
- Layout Optimizer
- 70% less transports
- Network Optimizer
Tecnomatix Plant Simulation: Energy-related Simulation Studies picked up by Industry…

Premium Car Maker
Reducing lifecycle energy consumption of car engines with Plant Simulation

Integration between Plant Simulation and Line Designer
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Line Designer (NX)
Teamcenter Client
Teamcenter Server
Plant Simulation

Materials
Training

Customer trainings:
https://training.plm.automation.siemens.com/mytraining/memberships.cfm

- 115 self paced courses each course between 30 and 60 min
- About 80 h Plant Sim training content

Siemens inside training:
https://siemensplmlearningcenter
https://siemensplmlearningcenter.sabacloud.com

Plant Simulation Version 14 Training materials:

- Plant Simulation 14 Technical PreSales Release Enablement Curriculum ID 00045042
- What's New in Plant Simulation 14 Class ID : 00017534
- Plant Simulation 14 General Technical Update Class ID : 00017536

Plant Simulation Community

https://community.plm.automation.siemens.com/t5/Plant-Simulation-Forum/bd-p/Plant-Simulation-Tecnomatix

#1 Tecnomatix Forum

> 17000 Posts
> 67000 Answers
> 200 000 Views
Community

Forum:
https://community.plm.automation.siemens.com/t5/Plant-Simulation-Forum/bd-p/Plant-Simulation-Tecnomatix

Downloads:

User conference materials 2016-2018

18 New „Getting Started“ Videos on Youtube

Common:
https://www.youtube.com/user/SiemensPLM

Plant Simulation:
https://www.youtube.com/playlist?list=PL1m1vu8_quoAaezQsacD6jO_Ak8Wvnjg

-> Tecnomatix
  -> Plant Simulation: Getting started
Some Videos

Short introduction in Plant Simulation
Solar industry
Procter and Gamble: PG P&G
Eisenmann VP Gerd Schneider presents the PLM Solution
HOMAG: Success Factor Energy Efficiency
Plant Simulation Off Shore Wind Power Generation ISL Video
Virtual Commissioning

Test Licences

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<th>Download link</th>
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<td>Student license:</td>
<td>Free</td>
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<td>Test license:</td>
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Materials directly accessible through the Plant Simulation start page

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