CAPITAL HARNESS XC

DESCRIPTION

The Capital Harness XC course introduces users to the basic and more complex functionality within the Capital Harness XC product. This tool provides a seamless transition of data from Capital Logic or Capital Integrator into Capital Harness XC and demonstrates how to pull mechanical data from third-party MCAD tools into Capital Harness XC. The course also demonstrates how to create and maintain individual design objects (e.g., wires, multicores, clips, connectors, etc.) within the harness diagrams.

AGENDA

- Build harness designs from scratch using Capital Harness XC
- Import mechanical data & bundle configurations from 3rd-party MCAD tools into Capital Harness XC
- Synchronize electrical data from Capital Logic and/or bundle layout info from Capital Topology
- Define graphical representation of harness designs
- Manipulate bundles by adding arcs and rotating pieces of a harness layout
- Add component part numbers and learn how to use Cavity Component Management to automatically select parts for seals/plugs/terminals
- Add insulation (tape, tubes, etc.) to your harness
- Present a fully-dimensioned harness diagram ready for manufacturing
- Build a composite harness and automatically generate derivative harnesses from it
- Run design rule checks (DRCs) against a harness to point out potential problems before being sent to manufacturing
- Style the design objects on your diagrams using a style set
- Process designs and run calculations
- Generate reports
- Print and archive harness designs
- Use Capital Insight to gain metrics knowledge about your harness & improve its design

PREREQUISITES
Familiarity with concepts of harness and cable design.

DURATION
3 days

LANGUAGE
English or German

COSTS
Upon request

www.trias-mikro.com

TRAINER

Alexandru Vlad Velea
has an Electronics, Telecommunications and Information Technology University degree followed by MBA postgraduate degree.

From 2005 on he has been covering mostly the following Siemens products:
- HDL design, simulation and synthesis
- Wiring and harness design

He has a bright knowledge as consultant/ advisor/ technical support/ tools trainer. He is Wiring Harness consultant/ advisor for the Mentor Graphics / Siemens tools since 2011 and Digital IC flow (design/ simulation/ synthesis) consultant/ advisor for the Mentor Graphics/ Siemens tools starting 2005.

TRIAS is an Expert Partner of Siemens Digital Industries Software. Siemens Digital Industries Software awards the status "Expert" to sales partners who have in-depth expert knowledge in a product area or industry and have proven this repeatedly in reference projects.

Alexandru Vlad Velea is certified by Siemens for the products Capital | Capital Essentials (formerly VeSys®) for the automotive and aerospace (Aero) markets and continuously undergoes a mandatory certification program to verify and expand his competencies.

Moerser Landstraße 408
D-47802 Krefeld

+49 [0] 2151.95 301-0

+49 [0] 2151.95 301-15

info@trias-mikro.com

www.trias-mikro.com

ADDITIONAL COURSES

- Capital Logic Aero
- Capital Logic Designer-Aero
- Capital Logic Designer-Interactive
- Capital Logic Designer-Generative

Subject to change