



ARTIX⁷

KINTEX⁷

VIRTEX⁷

ZYNQ⁷

Industrial Technical Seminar

Prevas, Hedeager 1, 8200 Aarhus N,

Tuesday 19th March at 09:00

Xilinx cordially invites you to an Industrial Technical Seminar. Our objective is to provide you with insight into the value Xilinx FPGAs and the Zynq-7000 All Programmable SoC platform can bring to industrial oriented markets. This seminar will also highlight the key targeted design platform solutions that Xilinx and our eco-system offer to the industrial engineer and design community.

Xilinx experts together with Xilinx ecosystem partners SoCe and IXXAT, are ready to present on the topics of Industrial Networking & Communication, Motor Control, Redundancy & Secure Ethernet and Functional Safety.

Time	Seminar Topic
8.30	Registration
9.00	Welcome and introduction
9.15	Zynq System Introduction - AMP Configuration, Secure Boot & Authentication
9.45:	Motor Control and demo - High Performance Intelligent Drives on a single chip reducing EMI - Architecting the design for offloading control, networking, diagnostic and portability - Develop full drive applications using QNX, Linux or Bare Metal
11.00	Break
11.15	Industrial Networking and demo - Challenges of real time Ethernet - How to architect a common platform for multiple protocols - Advantage using Zynq (PHY, Switches, Stacks, API and other requirements)
12.45	Lunch
13.45	Redundancy & Secure Ethernet and demo - Development & design challenges of the industry for high reliable Ethernet - How to scale for multiple ports? - S/W drivers, methodology, acceleration & cost effective solutions
15.15:	Break
15.30	Functional Safety - How will IEC61508 impact your design - Dual Core Lock-step architecture for embedded processor - Isolation Design Flow – unique capability to architect a design for safety
16.45	Wrap up & Close

To register for this event, please contact: XXXXXXXXXXXXXXXXXXXX



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