

Zilor Group hosts PROFINET on The Road

On March 28, the Quatá Unit (in Quatá - SP) of Zilor Group, another event of PROFINET on The Road, took place with the presence of 26 professionals from 3 units of the company. Among them there were electricians, instrumentation technicians, automation specialists, electrical designers, automation analysts, and automation technicians.

Zilor is one of the shareholders of Copersucar S.A., and develops natural solutions based on biotechnological processes, through Biorigin, its business unit specializing in the production of ingredients for human food and animal nutrition. Zilor is a company with more than 70 years of experience and one of the largest Brazilian producers of ethanol, sugar, and electricity from sugarcane

Recognized for its high technology investment culture, Zilor has several applications of PROFIBUS, PROFINET, and AS-Interface.



Professionals from the Zilor Group who participated in PROFINET on The Road.



Aspect of the practical part of the training in the Zilor Group.

PI Brazil attends event at ISA Campinas

Organized by the ISA (International Society of Automation) Campinas Section on April 18, the "Industrial Communication Networks" Technical Meeting was attended by PI Brazil, through a presentation by Ricardo Azevedo, of Phoenix Contact, titled "Overview of PROFINET Technology."

The event was held in the facilities of the Federal University of São Carlos, with the presence of about a hundred participants including professionals from companies in the region and university students.

PI Brazil also had the opportunity to carry out demonstrations with the PROFINET kit.



Ricardo Azevedo, during his lecture at the Technical Meeting of ISA Campinas.



Demonstration of Kit PROFINET at the event on "Industrial Communication Networks" in São Carlos.

On Site seminar at Cutrale

The Cutrale plant in Araraquara, SP, hosted the PROFIBUS, PROFINET and AS-i Onsite Seminar on April 20, attended by 39 professionals, also from the Conchal, Colina and Itápolis units.

In the morning, Automation Engineers, Instrument Specialists, Electrical Maintenance Technicians, Designers, and IT professionals attended technical presentations on: Analysis and good practices of installing PROFIBUS / PROFINET networks; PROFIBUS - grounding, shielding, noise, interference; Safetybus; and general view and process automation in PROFINET. The afternoon was dedicated to the demonstration and to answer questions through teaching kits and equipment.



Professionals from the Araraquara, Conchal, Colina and Itápolis units of Cutrale.



The practical part of the Seminar On Site at Cutrale.

PROFINET on The Road in Petrobras

Held at the Petrobras University Amphitheater on April 26, the PROFINET on The Road promoted at the Brazilian oil company had the participation of 35 professionals from various units and refineries, 25 in person and ten more by videoconference.

Throughout the day, Márcio Santos, Technical Consultant of Siemens and Director of Technology PROFINET of PI Brazil, gave technical presentations that were about:

- Introduction to the PROFINET kit
- Introduction of Ethernet standard and PROFINET
- Concepts of real time communication
- Basic configuration of a PROFINET network
- PROFINET addressing system
- PROFINET integration with other industrial protocols
- WiFi networks with PROFINET
- Safety and Security systems with PROFINET
- Diagnostics with PROFINET
- High availability systems with PROFINET
- Extended functions with PROFINET
- Good practice with PROFINET
- Process Automation and IoT with PROFINET

The event was an opportunity to answer questions about the concepts of PROFINET, Industrial Internet, Interoperability, and, above all, PROFINET, as a real and proven concept of Industrie 4.0 Backbone.



Márcio Santos in one of his presentations at Petrobras.



The event had the participation of experts by videoconference (screen to the left).