

PROFINET Technical Seminar



Conclusion

Dubai, 13 February 2013



PROFINET is the open, vendor-neutral, Industrial Ethernet standard from PROFIBUS & PROFINET International (PI)

PROFINET is based on Industrial Ethernet

PROFINET utilizes TCP/IP and IT-Standards

PROFINET is Real-Time Ethernet

PROFINET allows seamless integration of fieldbus systems

Network Standard Ethernet

High transmission rate

Wireless

Flexible topologies

Fieldbus Standard PROFIBUS

High-speed IO communication

Safety

Diagnostics



Flexibility

Tailor-made plant concepts

Industrial Wireless LAN

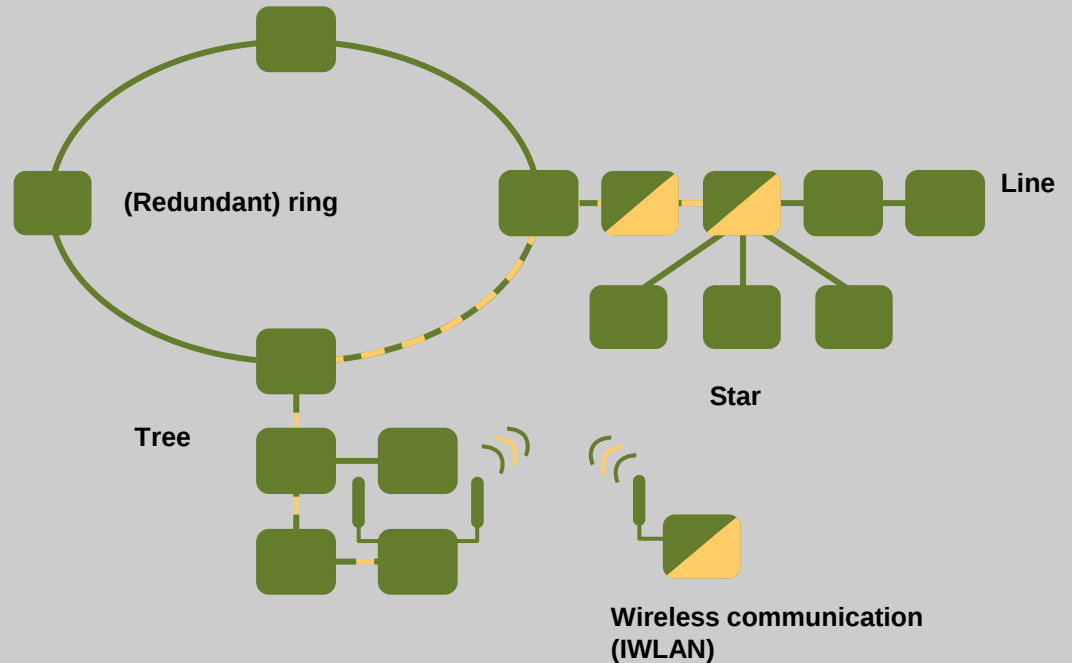
Safety

Flexible topologies

Open standard

Web tools

Expandability

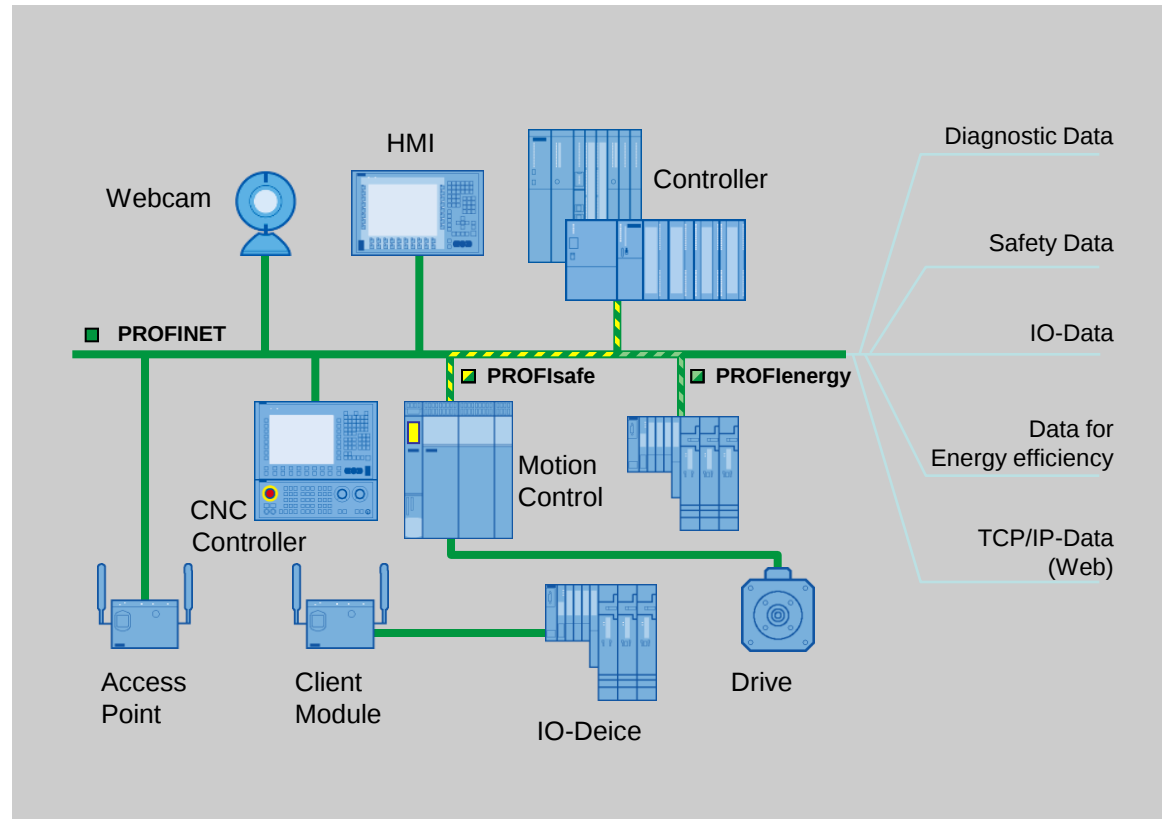


Maximum flexibility enables tailor-made machine and plant concepts

Efficiency

Optimum utilization of resources

- ▶ One cable for all purposes
- ▶ Device/network diagnosis
- ▶ Energy efficiency
- ▶ Easy cabling
- ▶ Fast device replacement
- ▶ Ruggedness/stability



Maximum efficiency ensures optimal utilization of resources

Performance

Increased productivity

Speed

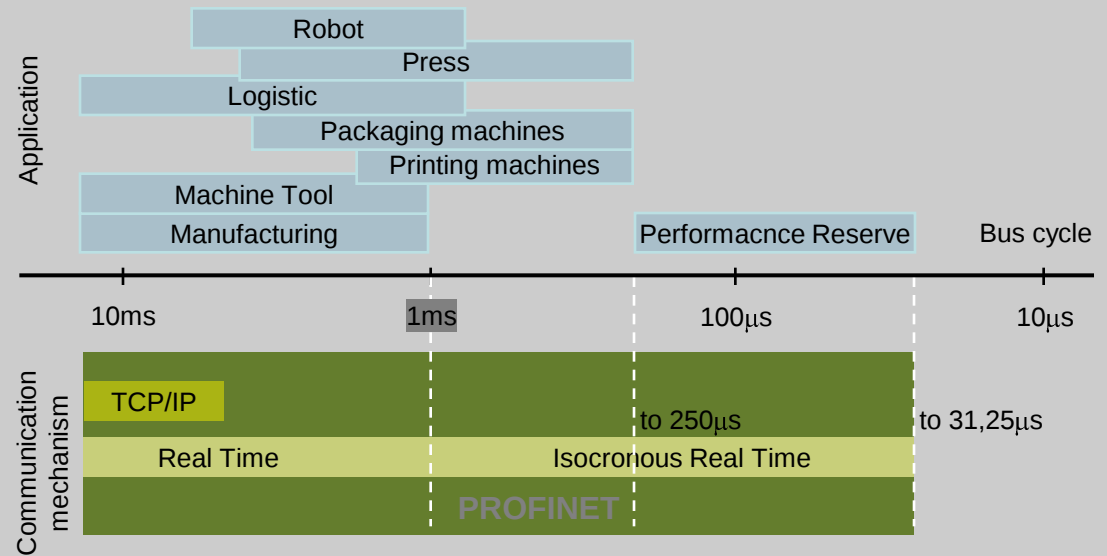
High precision

Large quantity structures

High transmission rate

Media redundancy

Fast start-up



Maximum performance increases productivity and assures highest quality

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- USB Sticks contain the following white papers from PI International:
 - PROFINET System Description
 - PROFINET Performance
 - PROFINET & PROFIBUS
 - PROFINET & IT
 - PROFIdrive
 - The Easy Way to PROFINET



- All presentations from this seminar will be available on:

www.profibus-me.com

- You will be informed by email when the files are uploaded.

All previous PI Middle East Seminars are also available on www.profibus-me.com

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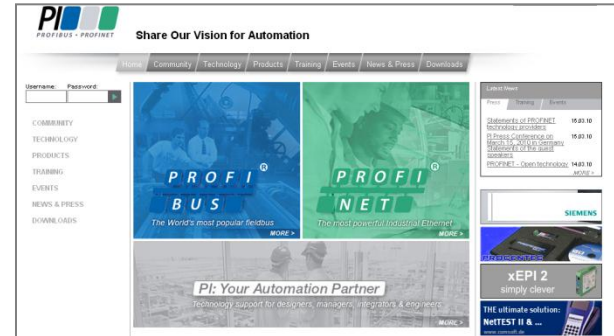
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Internet

- www.profinet.com
- www.allthingsprofinet.org
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Documents

- Downloads section on www.profibus.com

Support

- Local Competence Centres

Youtube channels

- Minute PROFINET
- PROFItv



