News from PI

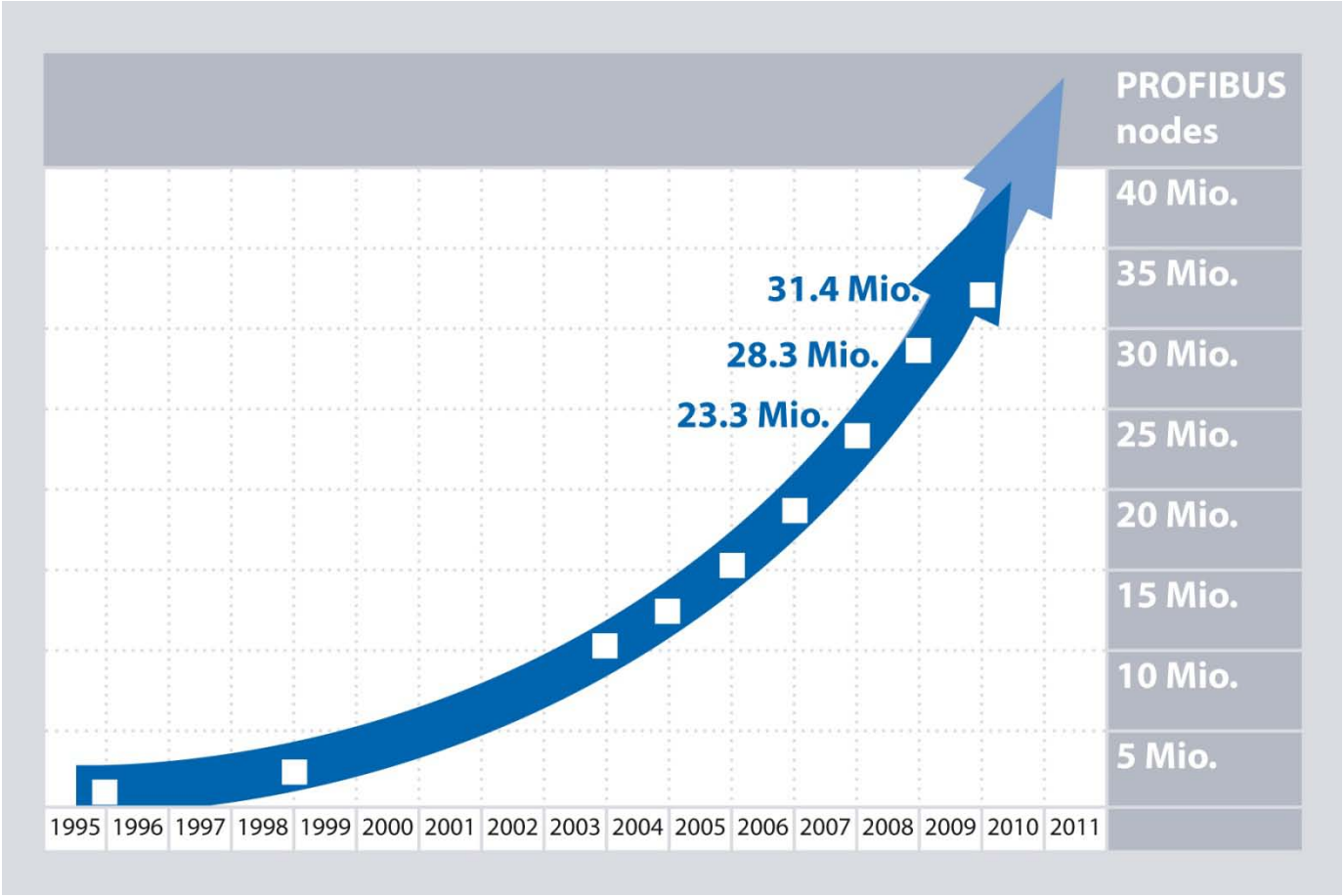
Press

conference

- Figures
- Organization
- PROFIenergy
- PROFINET Technology

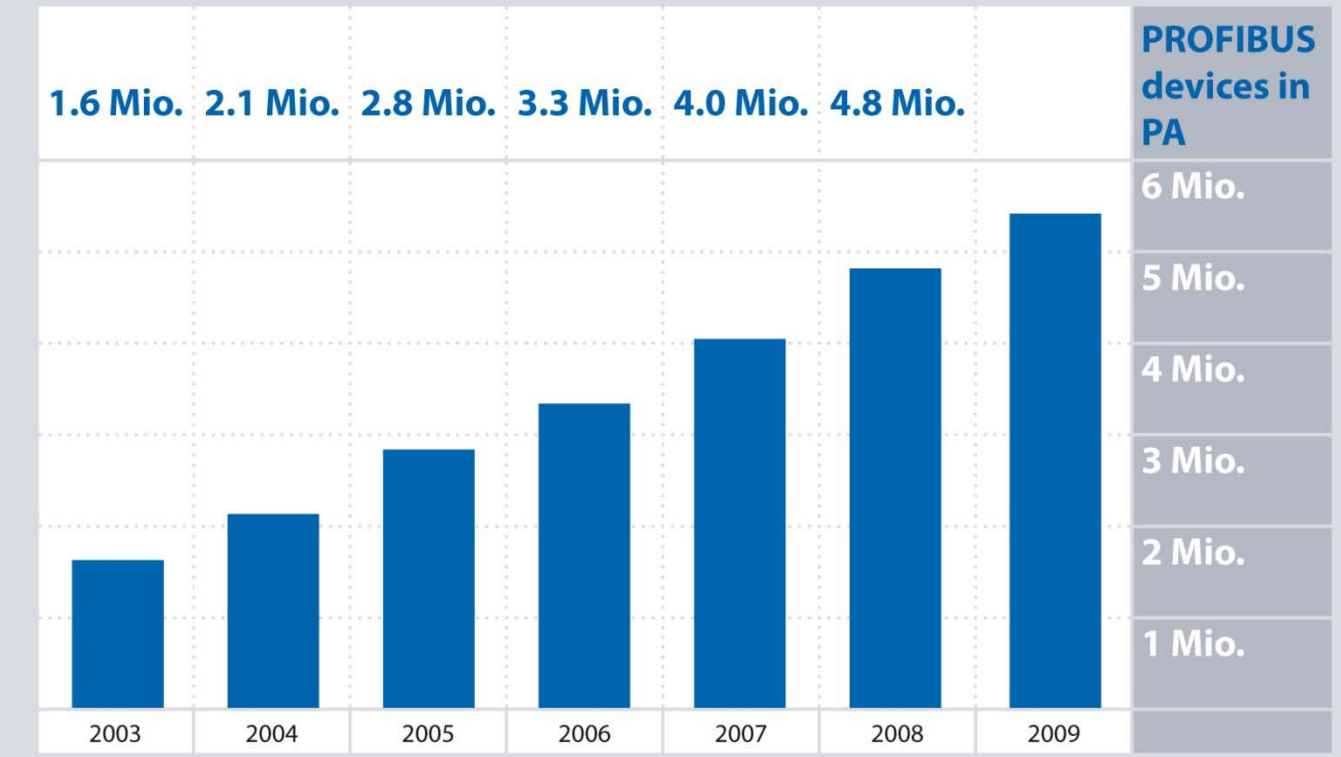
PROFIBUS

Figures
Organization
PROFIenergy
PROFINET



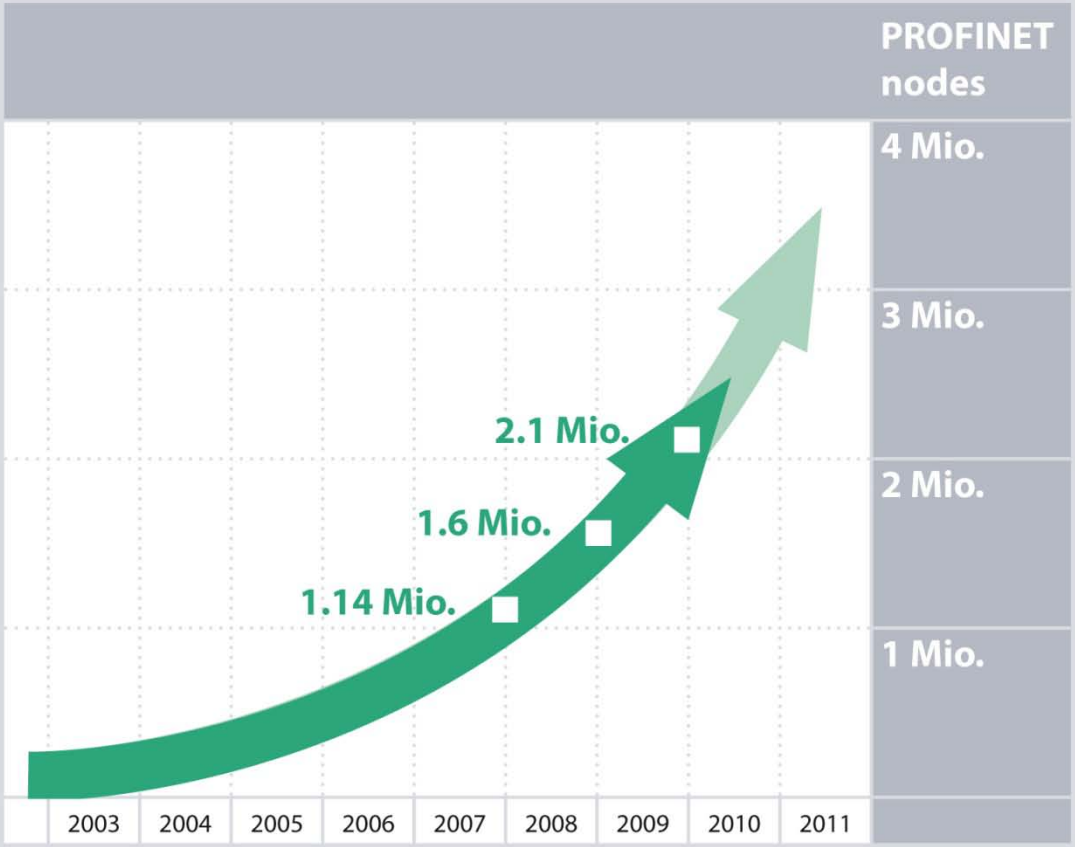
PROFIBUS in PA

Figures
Organization
PROFIenergy
PROFINET



PROFINET

Figures
Organization
PROFIenergy
PROFINET



PROFINET on the rise

Figures
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2007: Every 15th device sold with PI technology (PB/PN) is PROFINET

2008: Every 12th device sold with PI technology (PB/PN) is PROFINET

2009: Every 7th device sold with PI technology (PB/PN) is PROFINET

PROFIsafe

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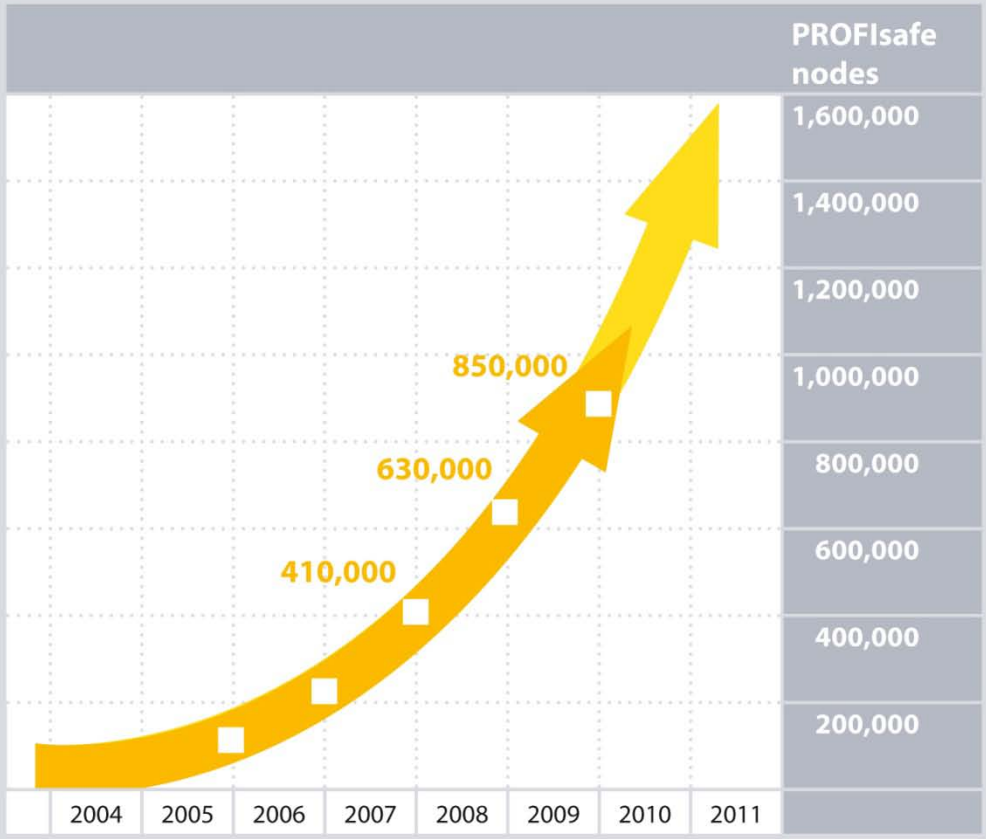

IMS Research: Industrial Ethernet

Figures
Organization
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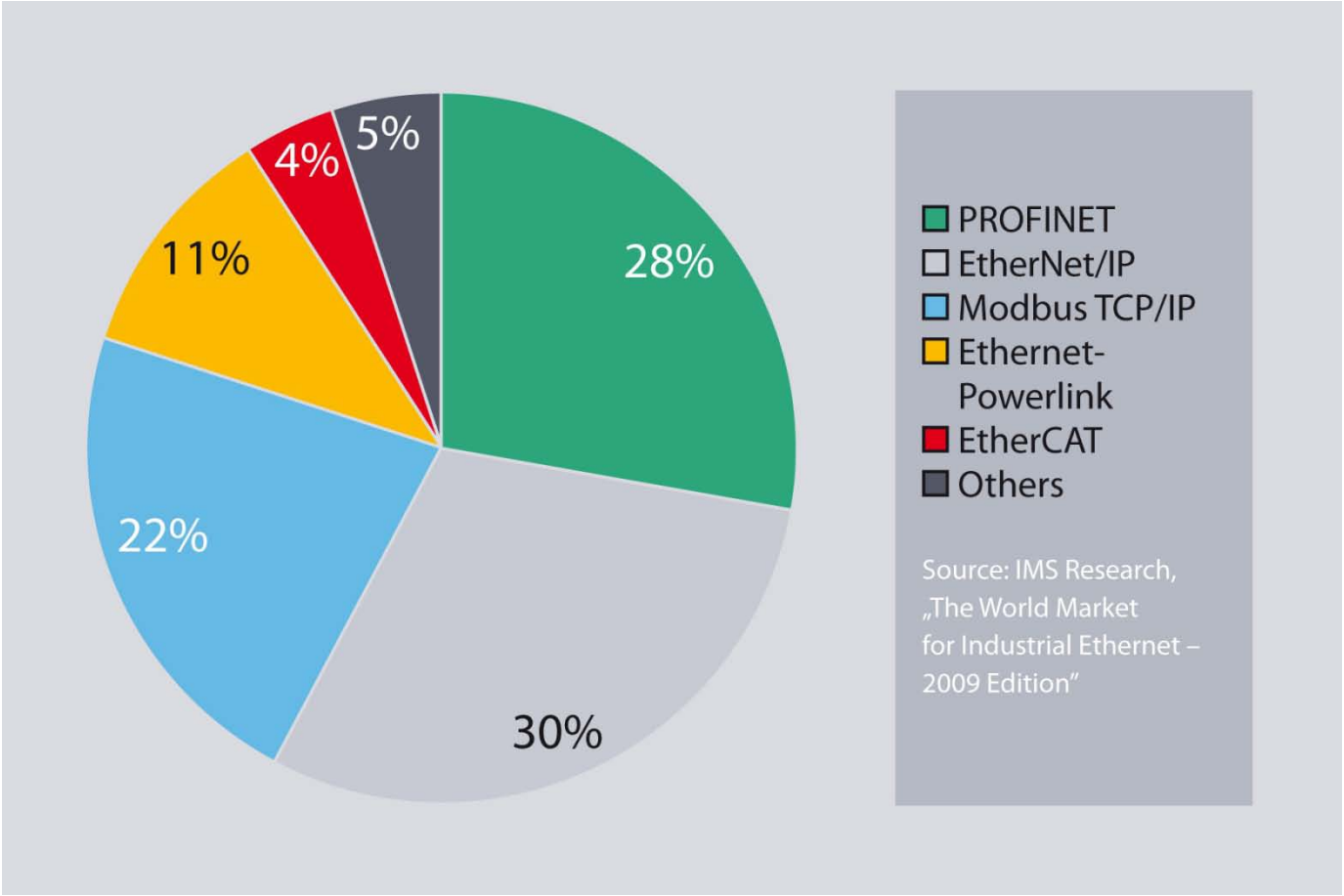

Organization

New Corporate Design

Figures
Organization
PROFIenergy
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Organization logo

Technology logo

Profile logo

International Activities

Figures
Organization
PROFIenergy
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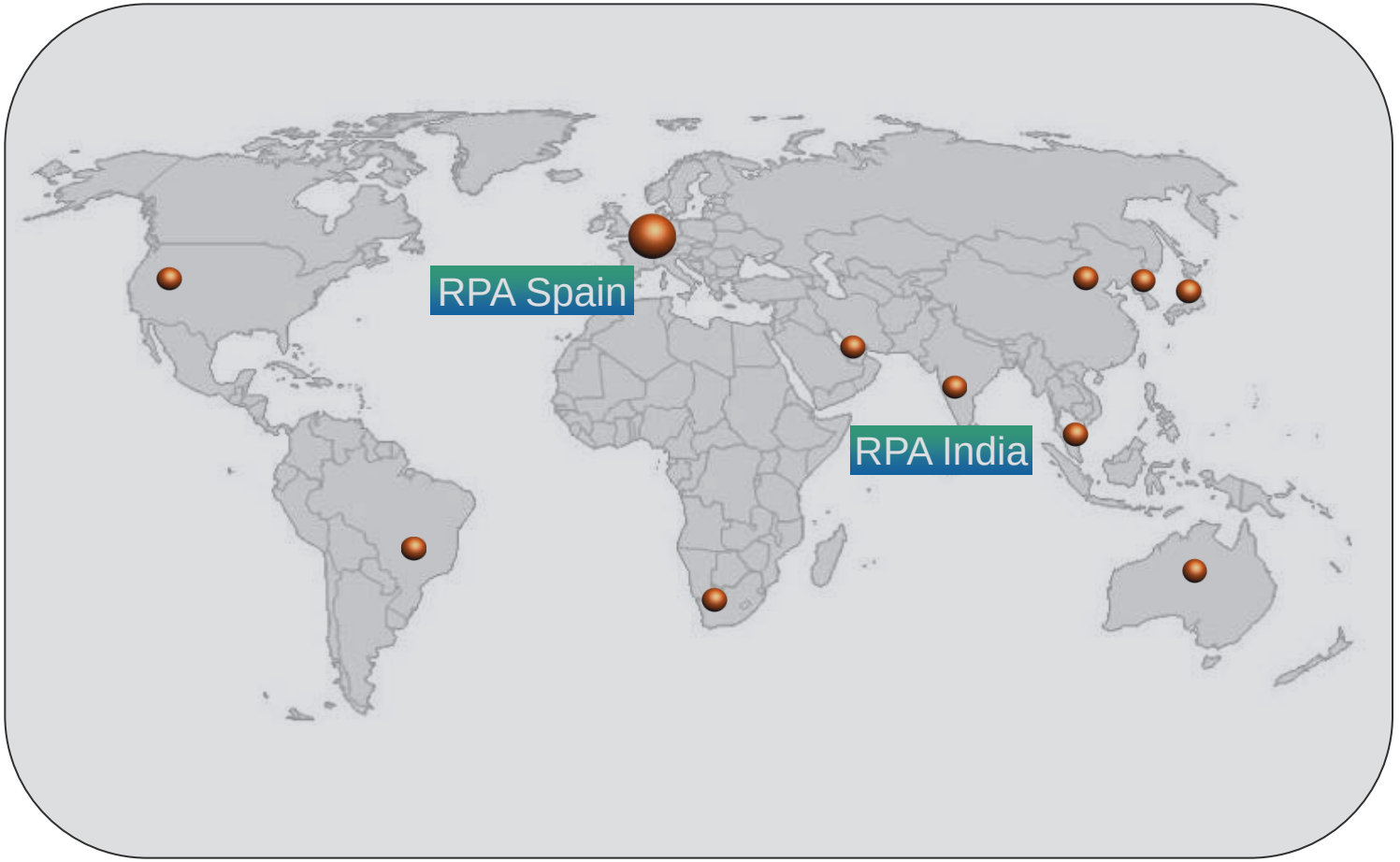

- 27 Regional PI representations (RPA)
- >1,400 member companies worldwide

Certified Engineer

Figures
Organization
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- Design and integration assurance
- Increase reliability and productivity
- Faster maintenance, higher up-time
- Understand your application
- Worldwide Certification
- Vendor Independent
- PROCENTEC in Singapore is official PICC and PITC for South East Asia

Certified by PI PROFIBUS • PROFINET

Technology and Certified Courses

Figures

Organization

PROFIenergy

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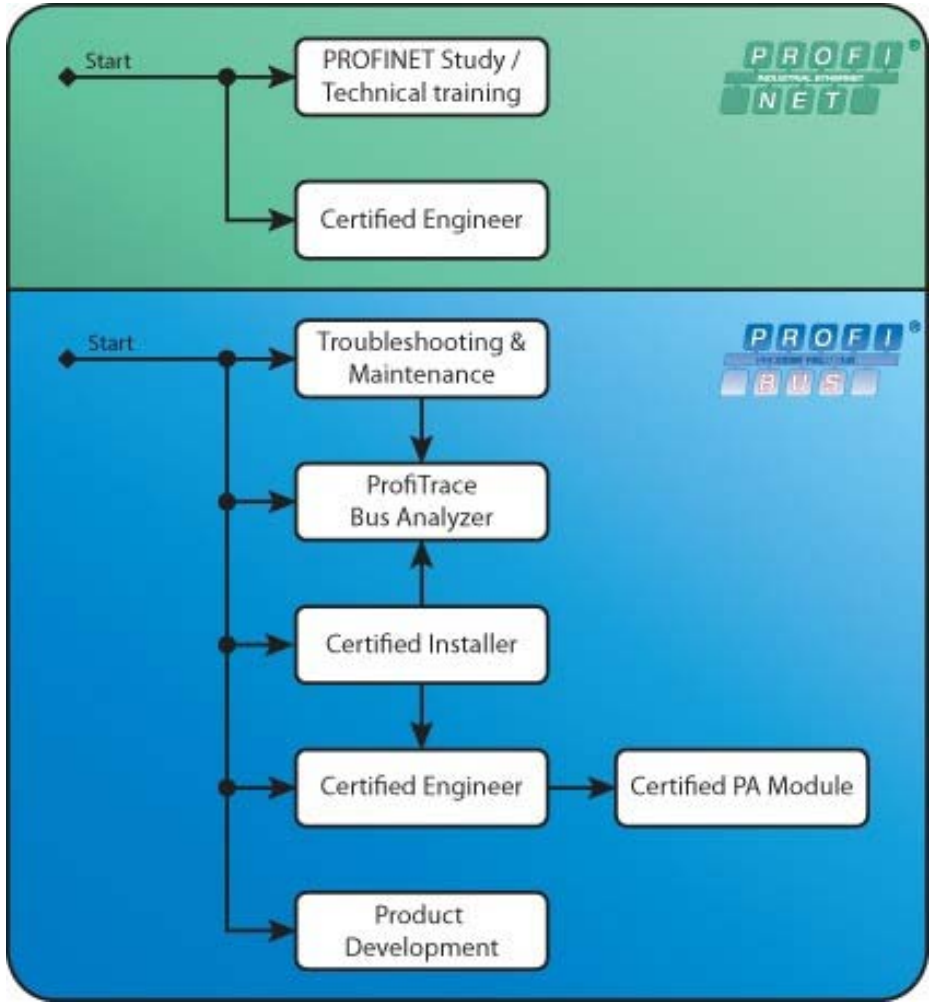
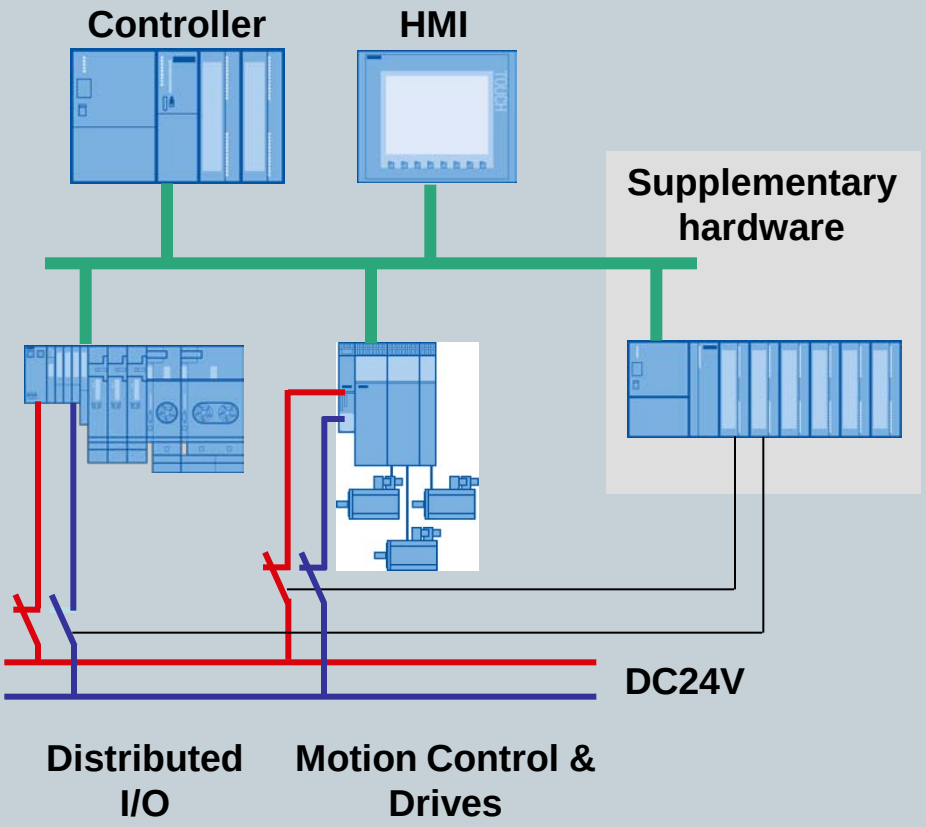


Please contact MFI FOUNDATION, INC. for further details

PROFIenergy

Why PROFIenergy?

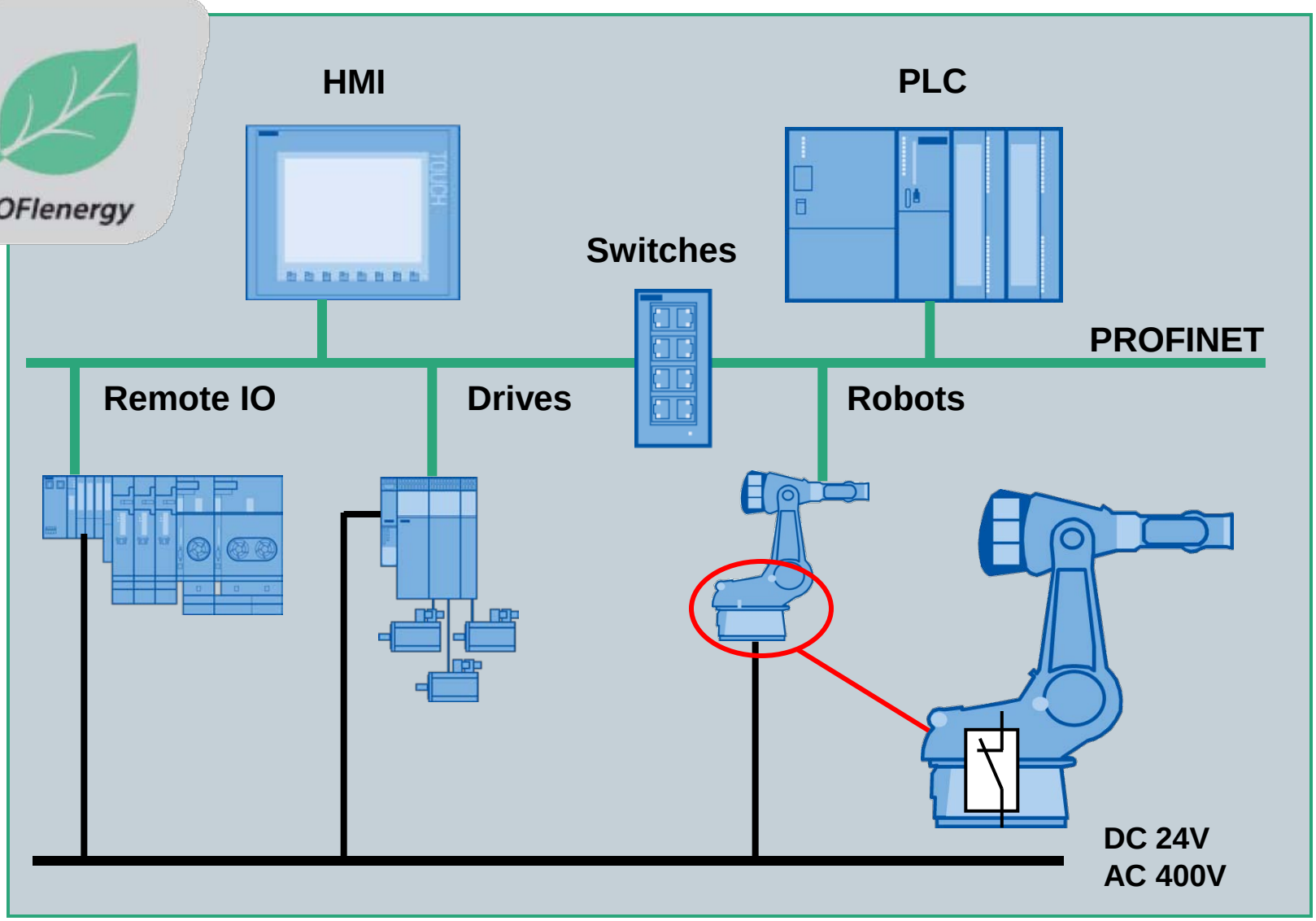


- Manual switching:
  - Time-consuming
  - Start-up unreliable
  - Frequently only one main switch
- Use of external hardware
  - Requires space and money
  - Engineering and maintenance required
  - Individual program

Discrete solutions are rarely accepted.

Saving potential in the pauses is not used.

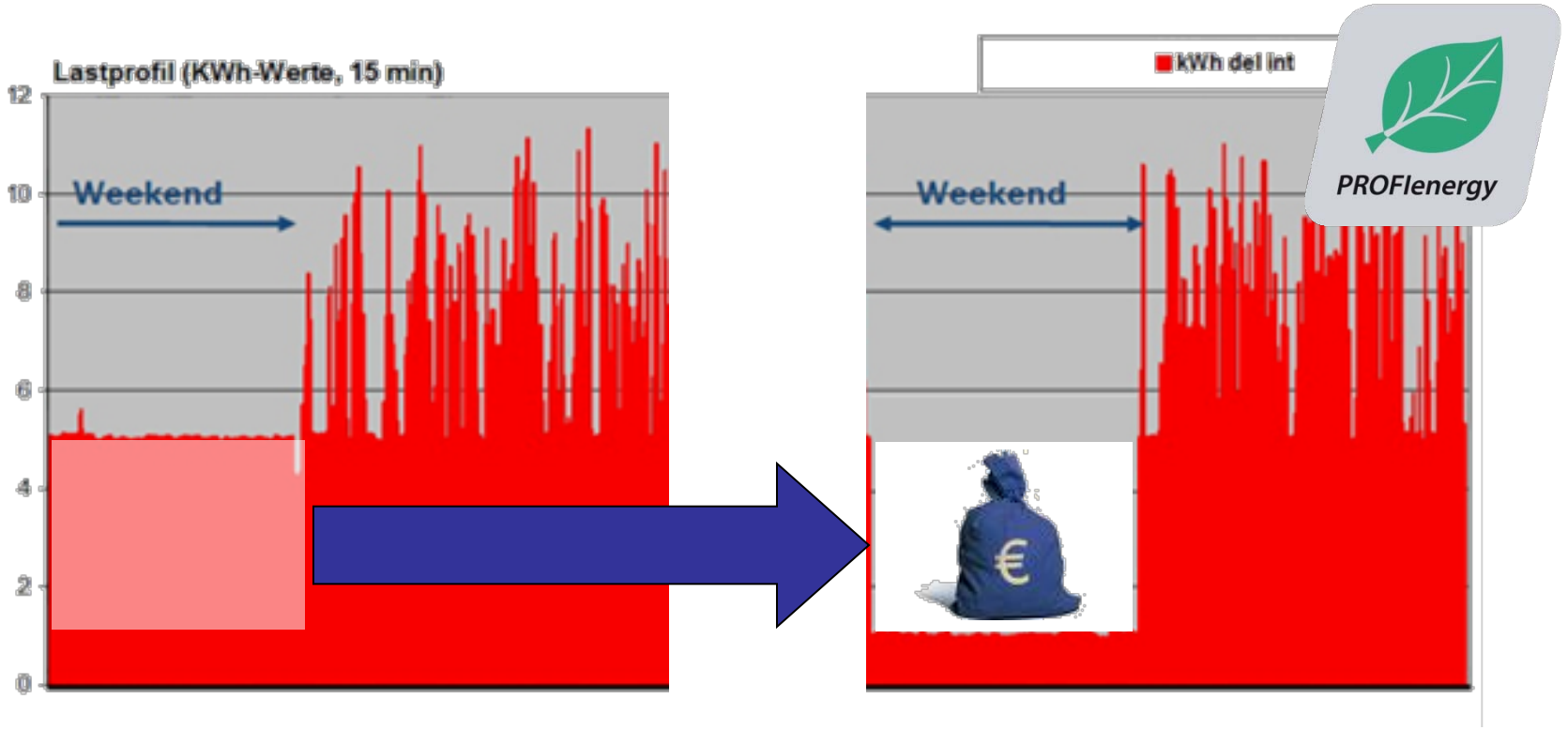
PROFIenergy Profile



Competitive edge with PROFIenergy

Energy consumption without PROFIenergy

Reduced energy consumption with PROFIenergy



Energy saving of up to 80 per cent during shutdowns!

The PROFIenergy working group

Figures
Organization
PROFIenergy
PROFINET

SIEMENS

PHOENIX CONTACT

Rexroth
Bosch Group

MURR ELEKTRONIK
stay connected

Lenze

ABB

PROFIenergy

SEW EURODRIVE

BOSCH

Danfoss

SCA SCHUCKER

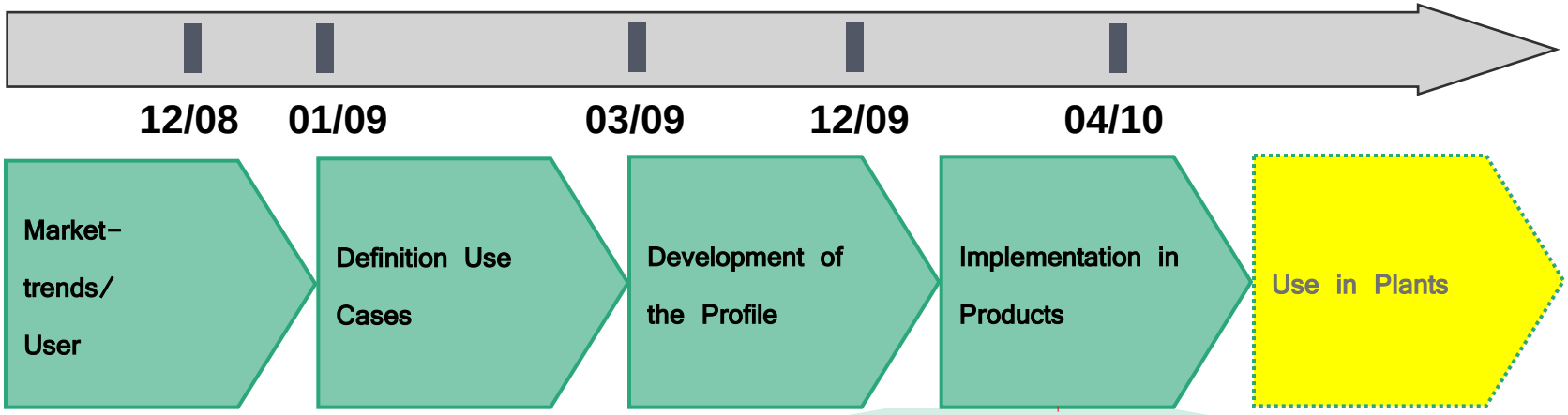
hilscher
COMPETENCE IN COMMUNICATION

AIT Institut für Automation & Industrial IT FH Köln

ifak

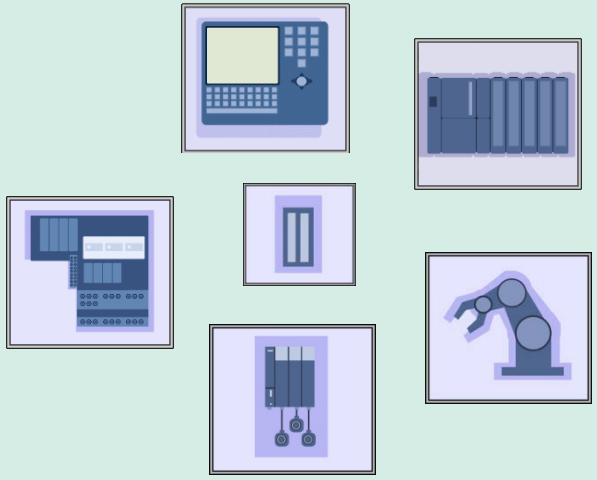
WZL RWTH AACHEN

Products with PROFIenergy



PROFIenergy

- Robots
- Drives
- Laser
- Control PCs
- Remote I/O



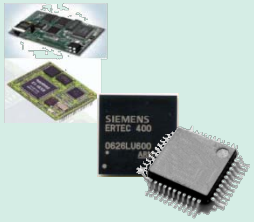
Products with "PROFIenergy" onboard
Will be already available in the Market in 2010

PROFINET technology

The simple way to PROFINET

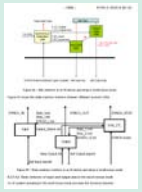
Figures
Organization
PROFIenergy
PROFINET

Technology



Basic technology

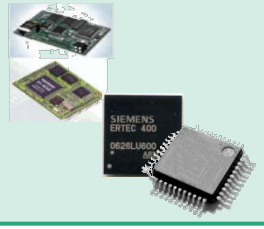
Specification



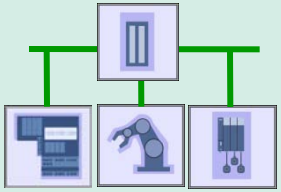
Vendors

Devices

Basic technology

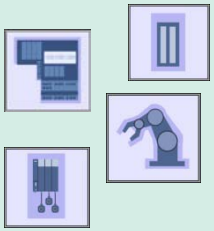


OEMs

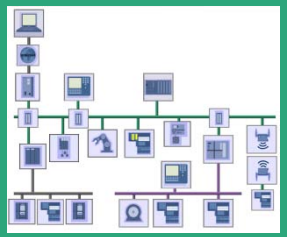


Machines

Devices



Users



All basic technologies are available

Figures
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Software stack
for different operating systems

ASICs
for an optimum integration

PC boards
for the implementation on a PC

Modules & boards
completely executable hardware for end devices

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