

# PROFIBUS International Press Conference

PROFIBUS Ethernet

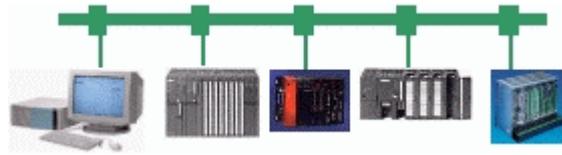
-

가

-

- 가

가



PROFINet

PROFIBUS International

PROFIBUS , SI,  
PI PROFIBUS Ethernet

:

- fieldbus protocol !
- IT Fieldbus Ethernet  
가

**Users specify the direction**

가?

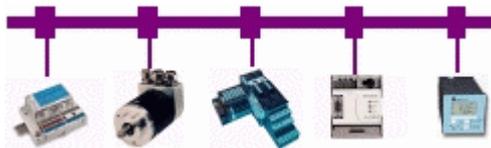


(Office World)  
Ethernet, TCP/IP, Internet  
Open standard가

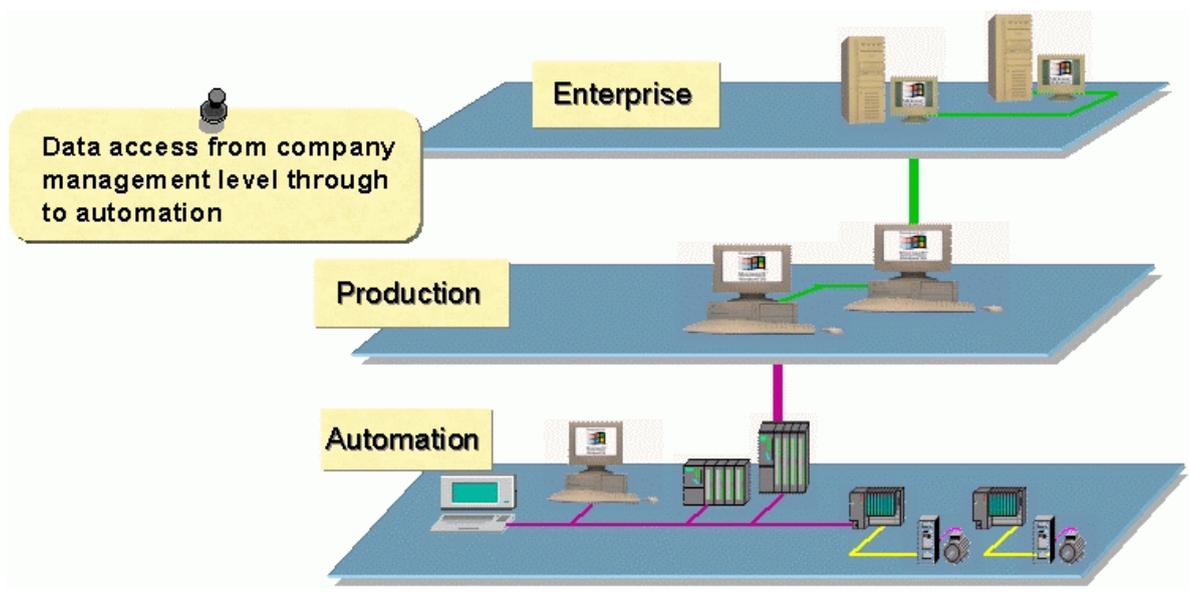
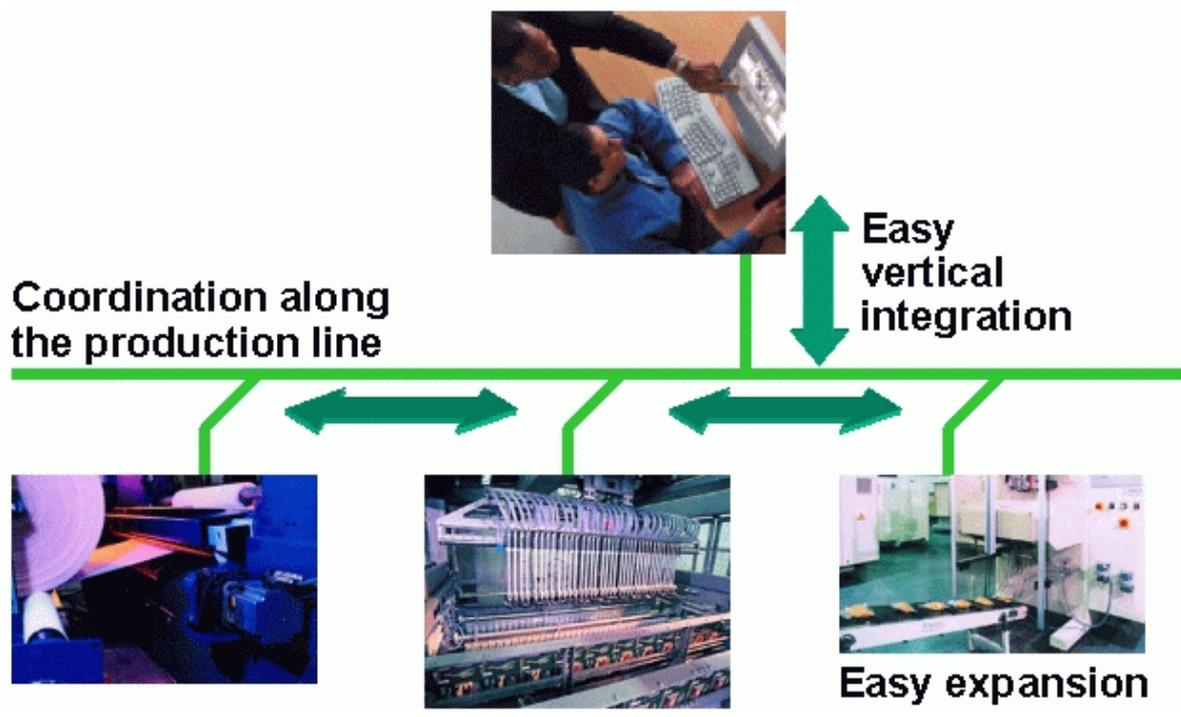
- (Automation World)

PROFIBUS

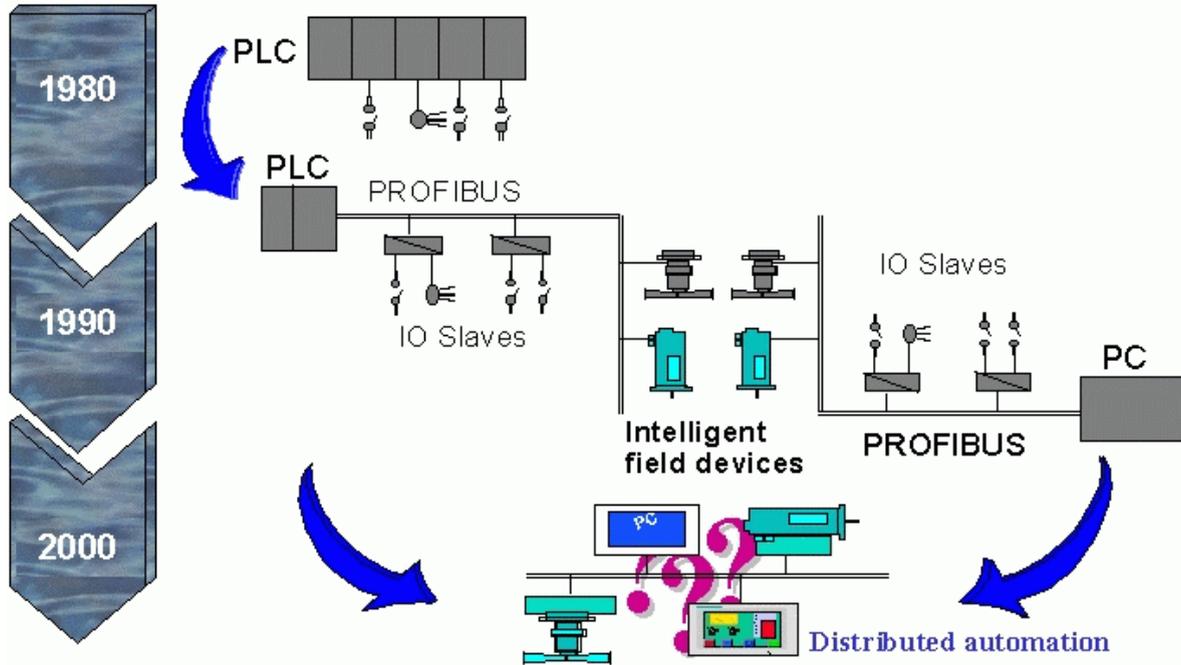
가



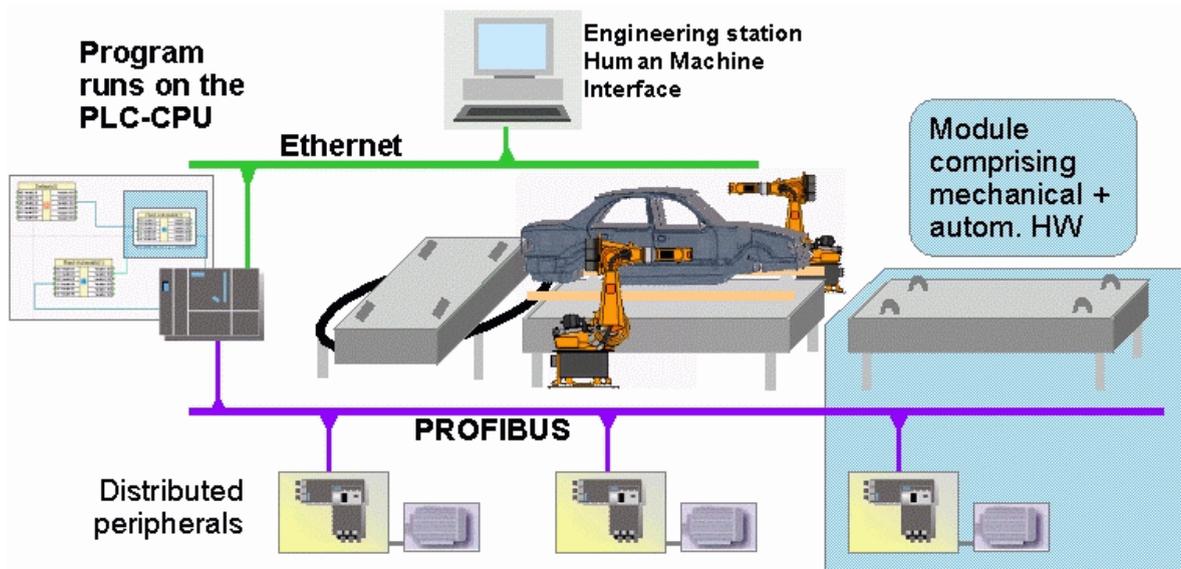
Ethernet controller level

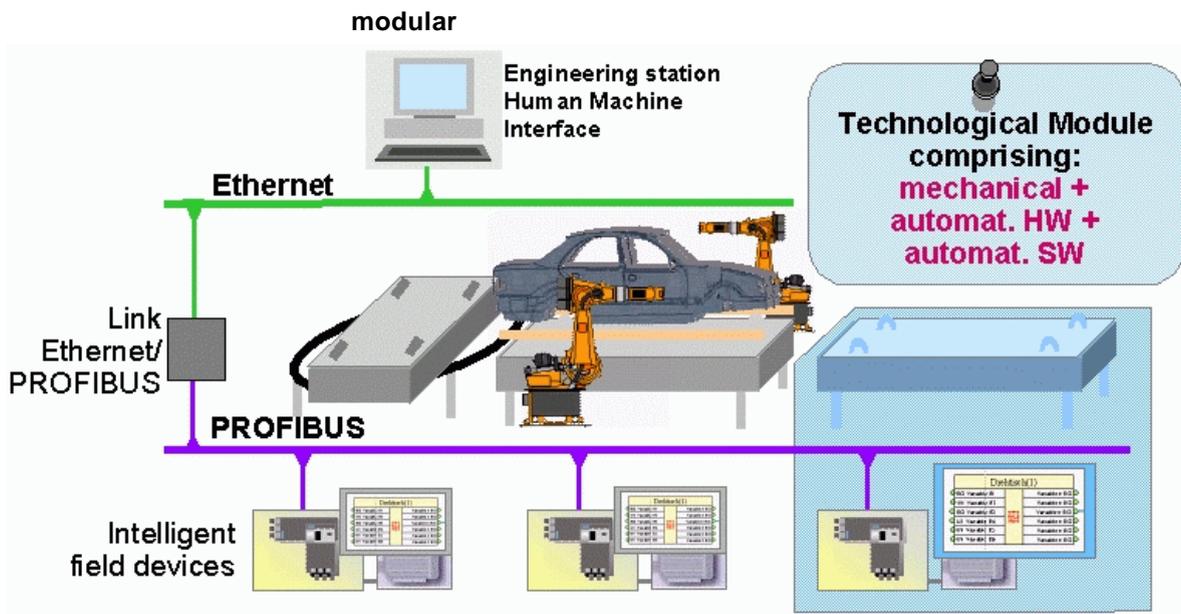


## Topology



## modular





PROFIBUS IT standard

PROFIBUS system

- Transparent Access

PROFIBUS transparent acces

Ethernet standard

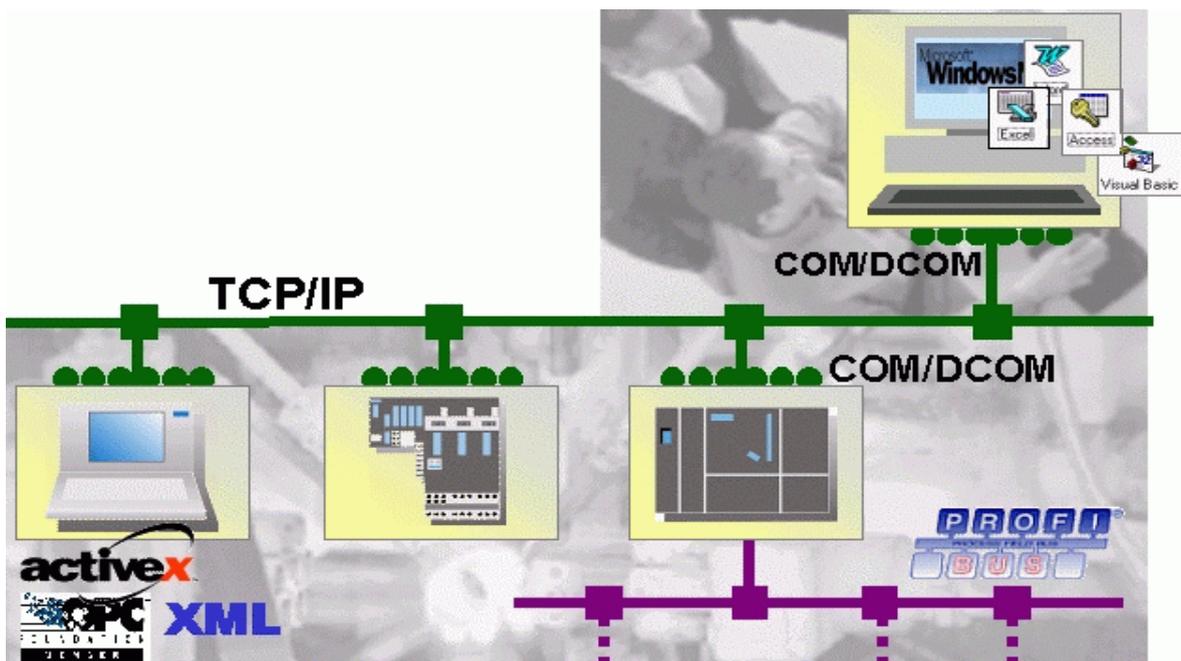
가

. Automation object model : COM/DCOM

. Communication : TCP/IP

. Object handling in engineering and HMI: OPC, ActiveX, XML

. Fieldbus technology : PROFIBUS



PROFIBUS IT standard

PROFINet!

manufacturer-independent

engineering software

- PI

manufacturer-

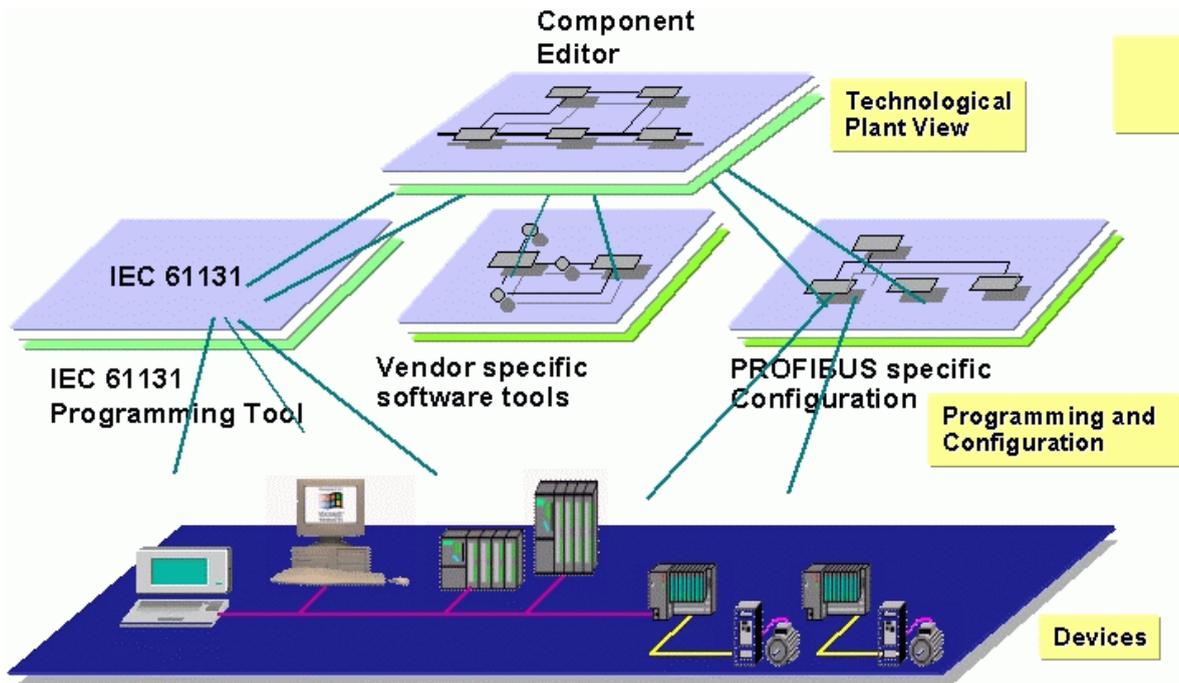
independent engineering

Ethernet

Ethernet

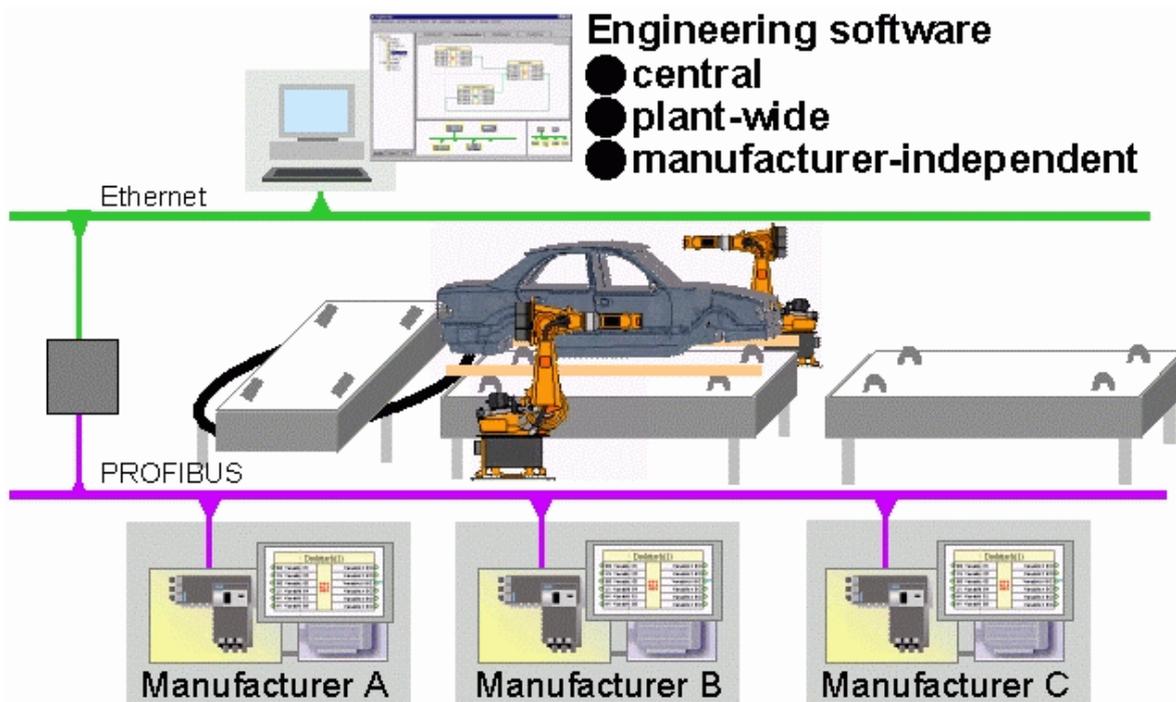
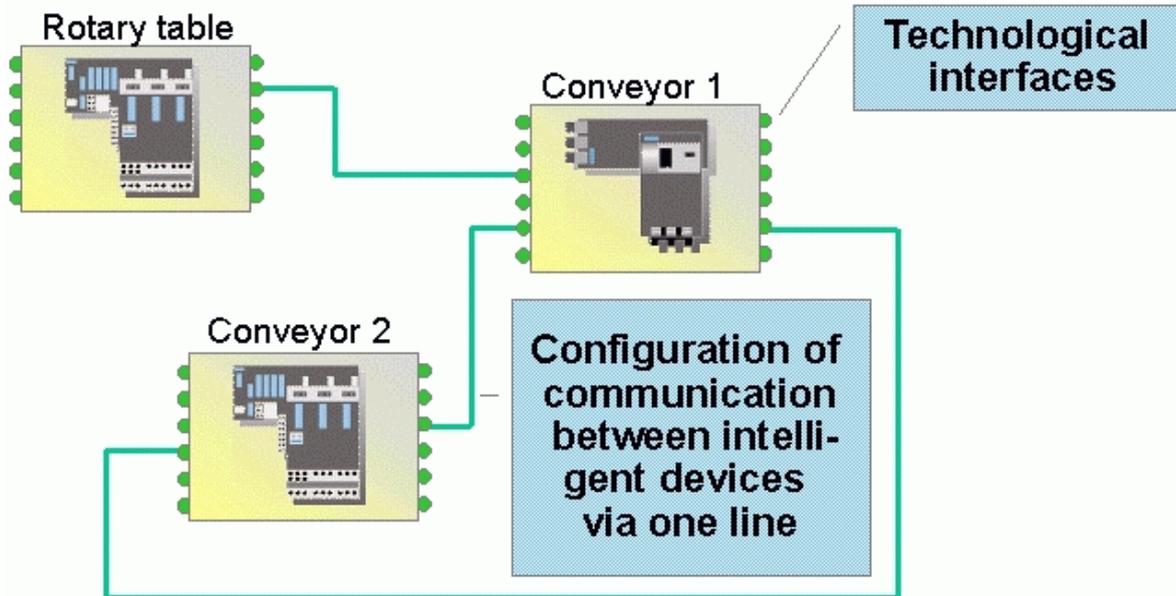
PROFIBUS

**PROFINet – manufacturer-independent communication and automation model**



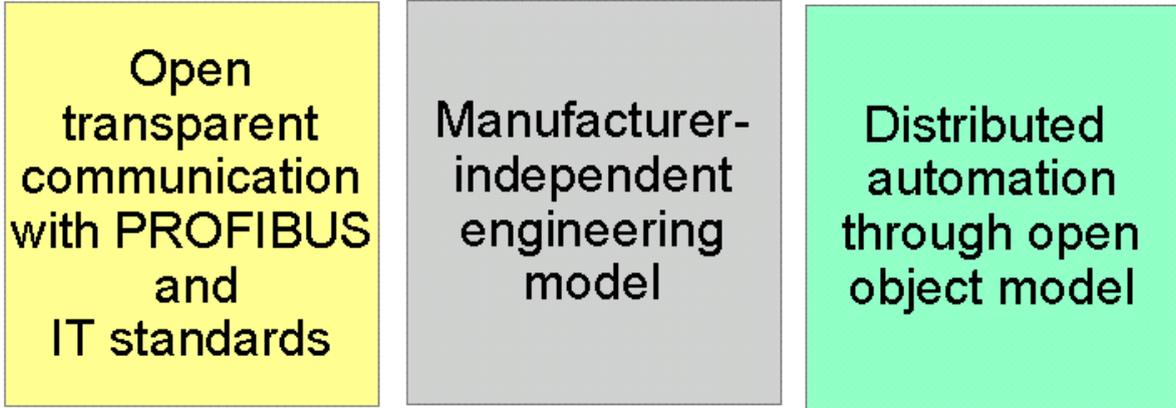
- Intelligent device

Communication – programming

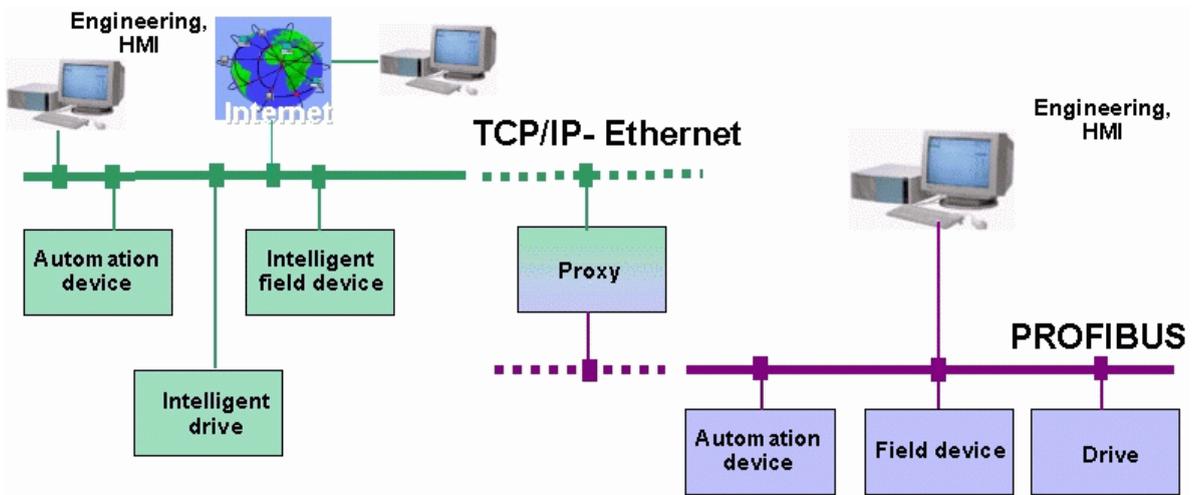


PI가

PROFINet



PI .....  
PI



PI

- PROFIBUS segment
- Ethernet segment
- segment가

- PROFIBUS device spectrum 가
- PROFIBUS motion control applications(PROFIDrive) failsafe application (PROFISafe)

**Open Source –**

- PI *PROFINet* Open Source Model

-  
*PROFINet*

-  
PI

- PI working group *PROFINet*

- PROFIBUS-

- *PROFINet* PROFIBUS Ethernet

- *PROFINet*  
Ethernet fieldbus system

- *PROFINet*  
Ethernet level  
“fieldbus war”

- PI fieldbus