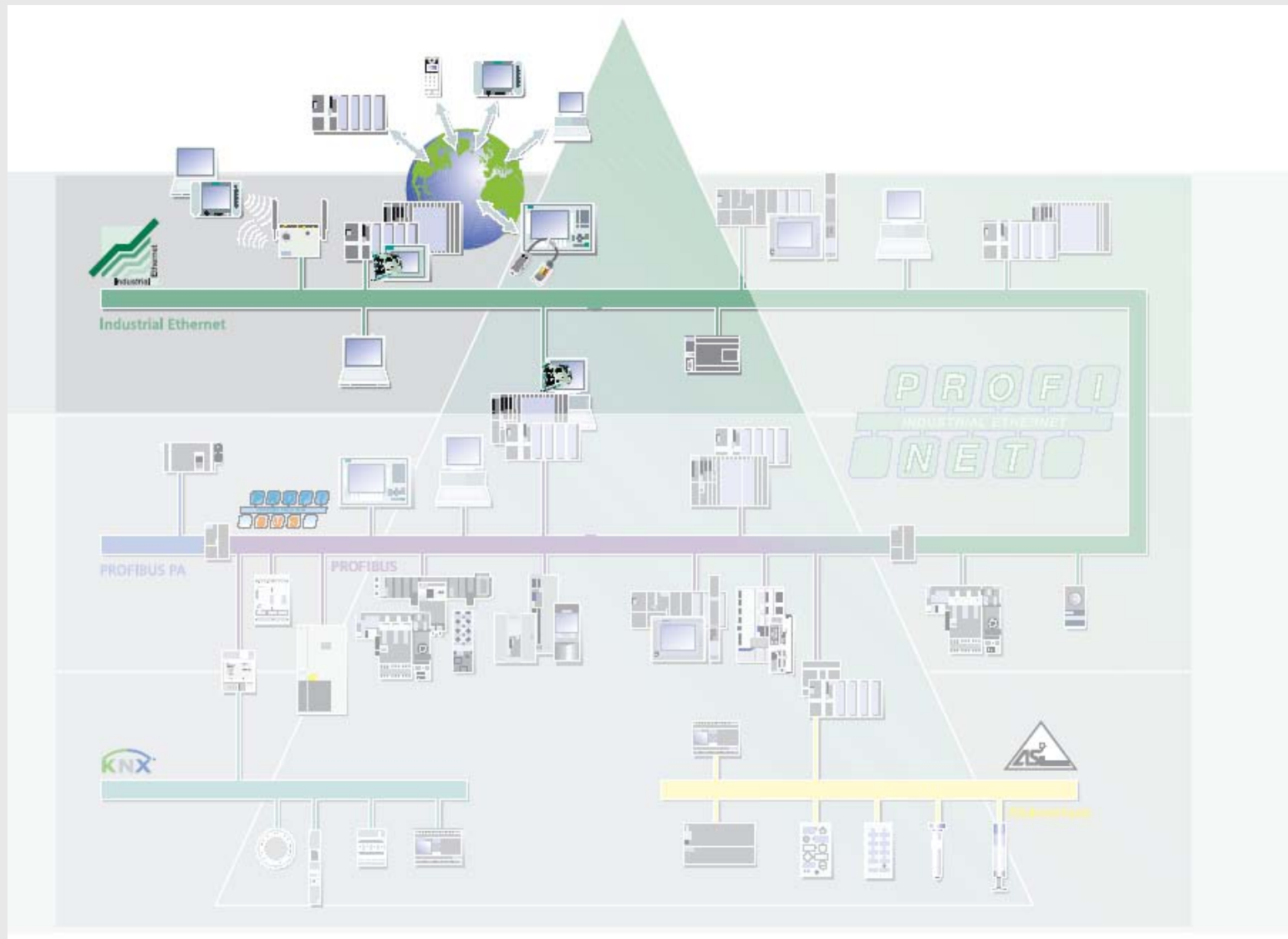


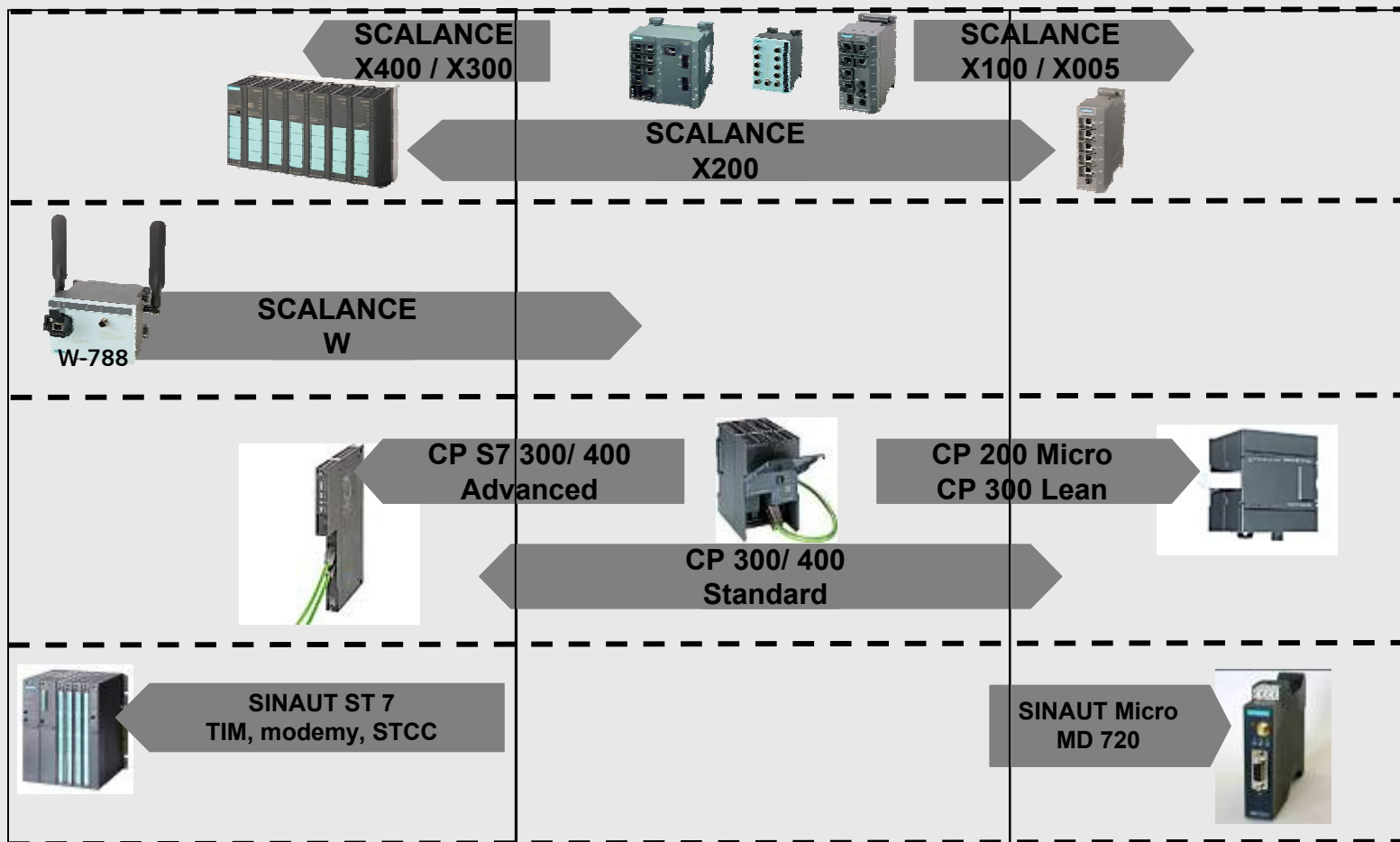
IV Konferencja Organizacji PROFIBUS PNO Polska 9-10.01.2008

SIMATIC NET
Część 1



Rafał Bień
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Roadmap PROFINET

S7-300, S7-400 i ET200 CPUs (CBA)

Obecna sytuacja

✓ ET200pro PN CPU



✓ S7-300 PN-CPU

- 315 / 315F
- 317 / 317F
- 319 / 319F



✓ S7-400 PN-CPU

- 414
- 416
- 416F



2008

● ET200S PN CPU

- 3 PN Port
PROFINET IRT
- 2 wersje:
Standard
Failsafe
- Opcjonalnie
DP master



● S7-300 PN CPUs

- 2 PN ports
- 314C-2 PN

● S7-300 / S7-400

- PROFINET IRT

● S7-400

- 412-2 PN/DP
- 417-4 PN/DP



Lean CPs

IE interface for S7



CP 343-1 Lean

Standard CPs



CP 243-1
CP 343-1
CP 443-1

Advanced CPs

Zintegrowany
4-port switch



CP 343-1 Advanced
CP 443-1 Advanced



CP 443-1 Adv. (6GK7443-1GX20-0XE0)

- **CP 443-1 Advanced (EX40 and EX41)**
- **5 Ethernet interfejs RJ45, (1 port przepustowość 1 Gigabit)**
- **PROFINET IO (IRT, RT Sync, Fast Start Up, etc.)**
- **Diagnostyka Web**

CP 343-1 Adv. (6GK7443-1GX30-0XE0)

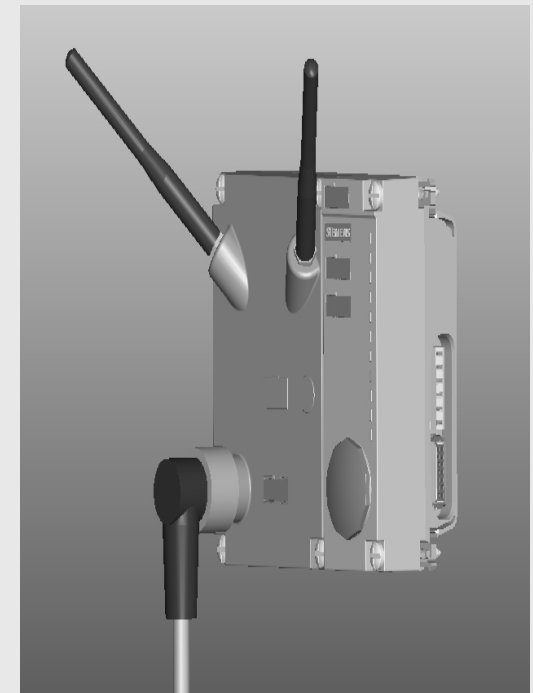
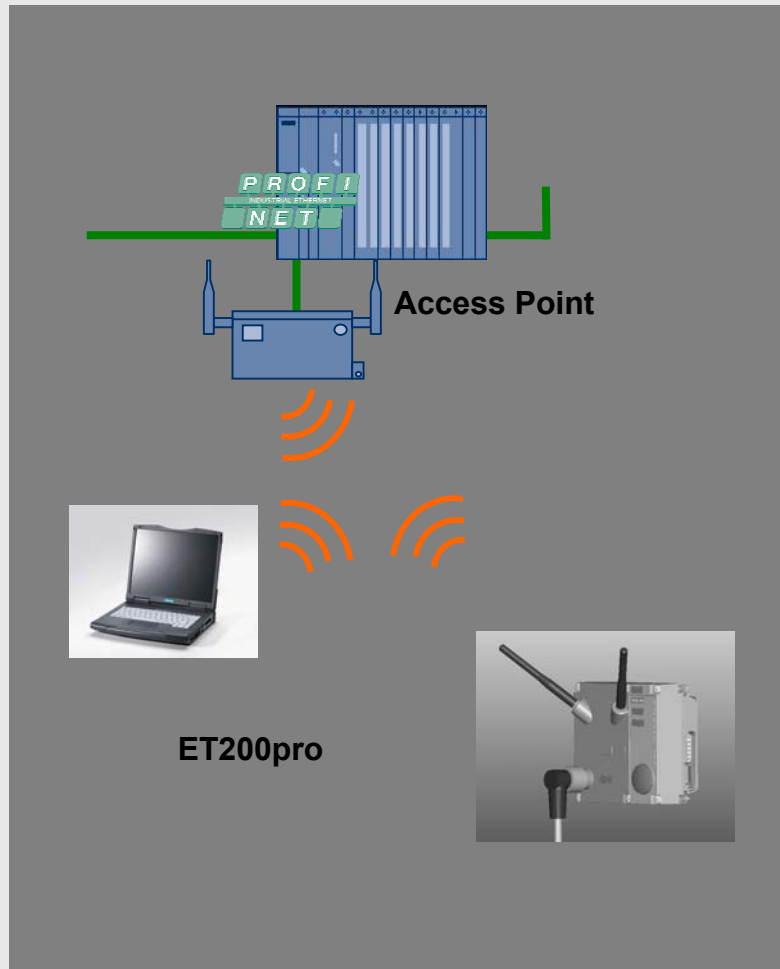
- **CP 343-1 Advanced (GX21)**
- **3 Ethernet interfejs RJ45, (1 port przepustowość 1 Gigabit)**
- **PROFINET IO (IRT, RT Sync., Controller / Device)**
- **Diagnostyka Web**

CP 443-1 (6GK7443-1EX20-0XE0)

- **PROFINET IO (IRT, RT Sync, Fast Start Up, etc.)**



- Wireless IO-connection
- iWLAN Interface module

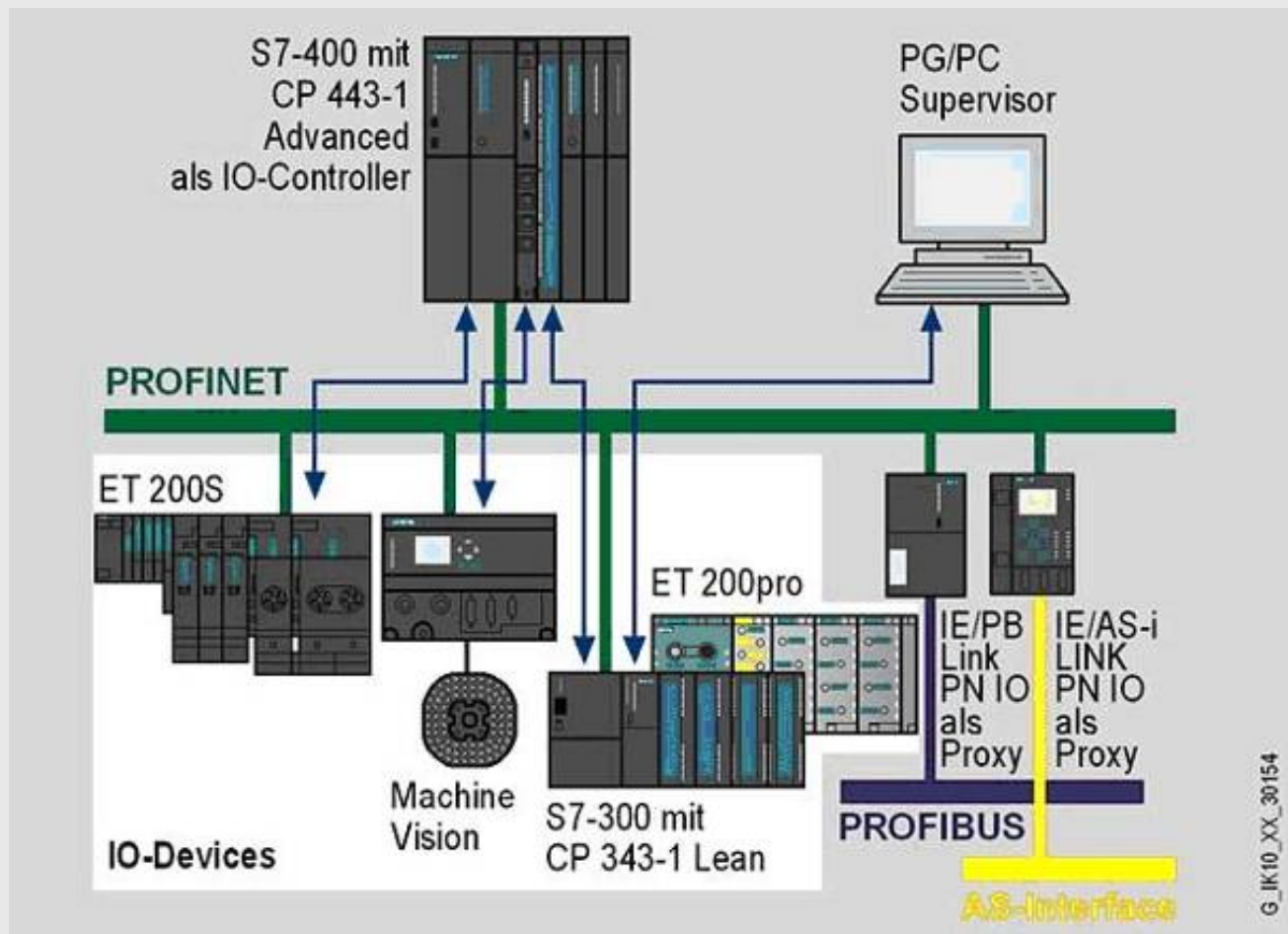


IM151-8 PN/DP CPU

- 3 PN Ports
- PROFINET IRT, IO controller i device (FW-step 2)
- PROFINET CBA
- Webserver
- Opcja: PROFIBUS DP via master
- Warian Fail-safe



SIMATIC ET 200 CPU



Konwerter IE/AS – oraz Link PN IO

IE/AS-i LINK PN IO

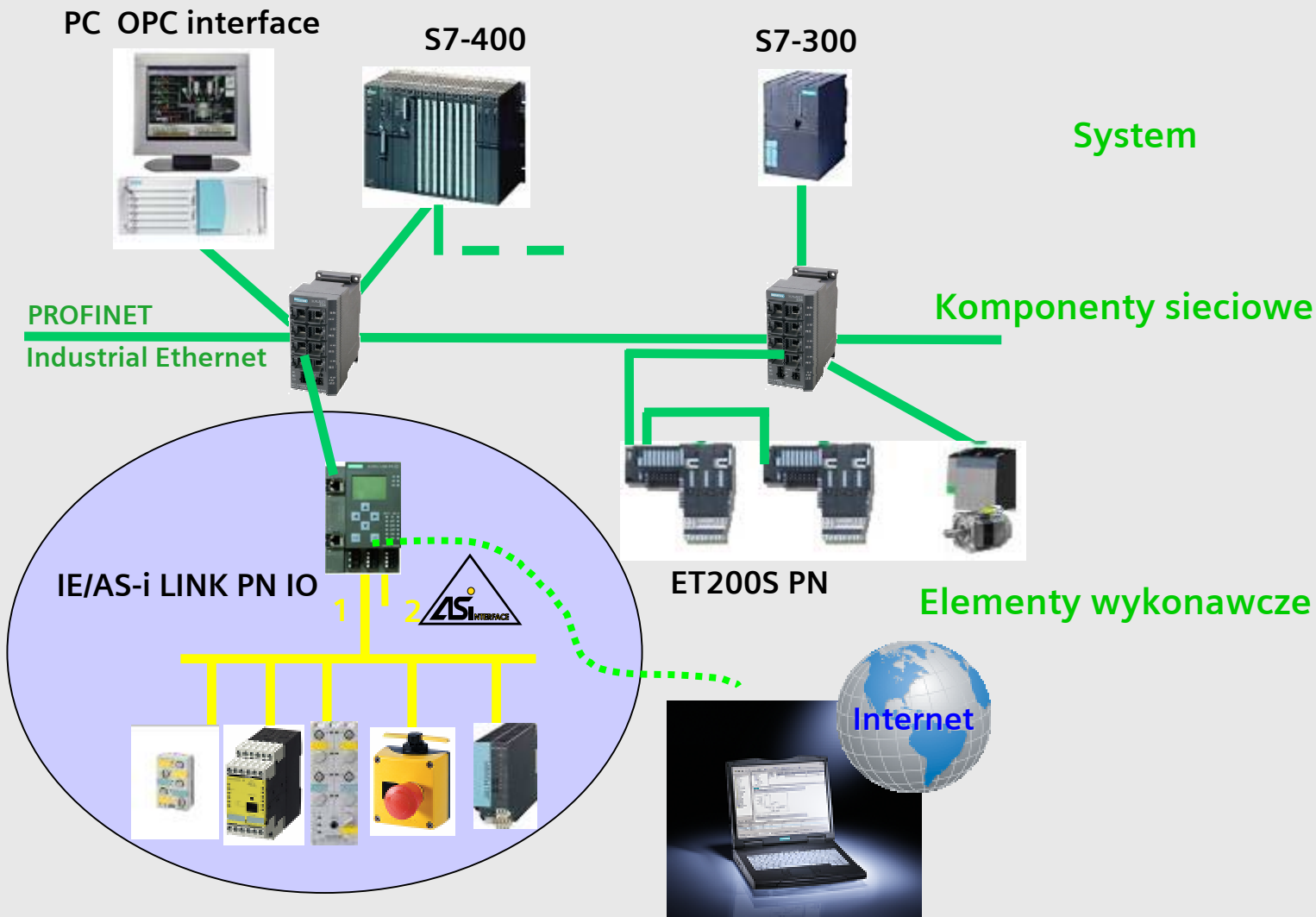
- Kompaktowy router IE dla AS-i
- Diagnostyka
- TIA poprzez Step 7
- PROFINET IO
- Diagnostyka przez zintegrowany Web server
- AS-Interface master zgodny z Spec. 3.0
- 2-porty Ethernet (RJ45, ERTEC układ)
- C-PLUG: (opcja)
- IP20



PROFI[®]
BUS

PROFI[®]
NET

System





6GK1411-5AB00

IE/PB Link PN IO
przyłączenie urządzeń DP
do sieci PROFINET



6GK1411-5AC00

IE/PB Link PN IO
przyłączenie urządzeń -DP
do sieci PROFINET