

PROFINet

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A&D AS S8

, PROFINet

TCP(UDP)/IP

Ethernet

. DCOM

Hard real-time

가

mechanism

. PROFINet

IT

. PROFINet

PROFIBUS

PROFINet PROFIBUS

PROFINet

가

Ethernet

PROFIBUS

facet

가 가

PROFINet I/O

가

PROFIBUS

(superordinate)

proxy

PROFIBUS

PROFINet

. proxy

PROFIBUS

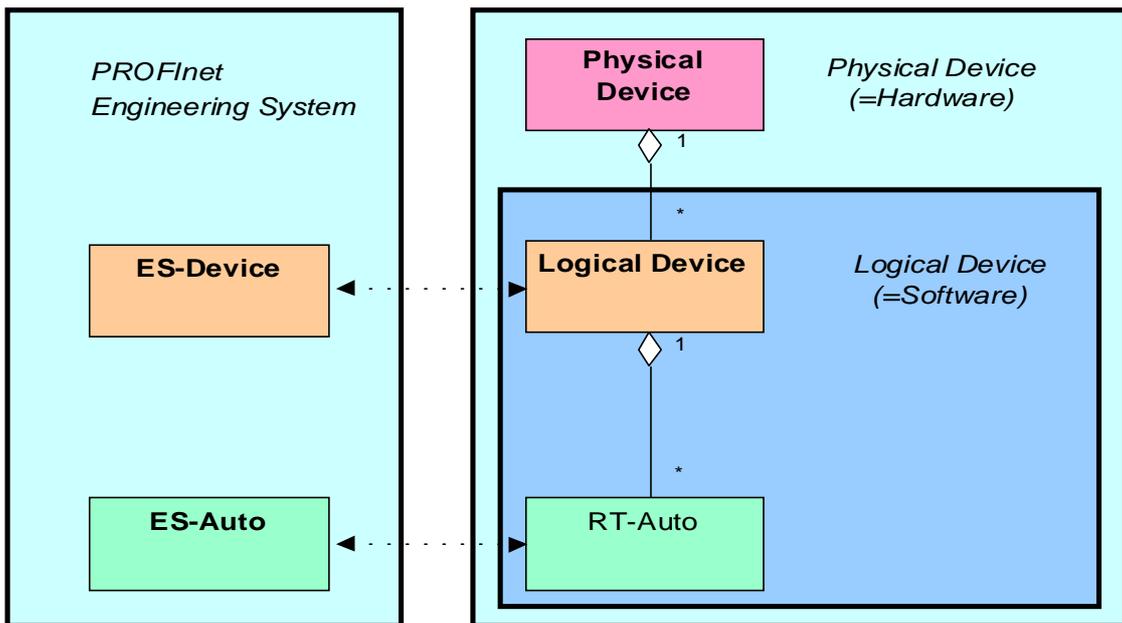
Ethernet

PROFINet

PROFINet

(life-cycle)

Componet Object PROFInet 가
 Model (COM) PROFInet ,
 Runtime AUTomation
 Object (RT -AUTO)
 PROFInet
 , RT -AUTO
 가 , RT -AUTO
 가 ,
 가 ,
 Engineering System AUTomation Objects
 (ES -AUTO) 가
 ,
 VBA(Visual Basic for Application) RT -AUTO가 ES -AUTO
 가 COM
 OLE PROFInet 가
 가 PROFInet ,
 Engineering System Device (ES -
 Device)
 , ES -Device “
 ” “ ”



1. PROFInet

“ ”

firmware가 “1:1” (ES-Master) ES-Object ES-Master PROFInet

PLC가 PC Window CE 가 가 PROFInet

Moeller X System 가 가 ES-Master 가 ES-Auto, ES-Device

(ES-Object) 가

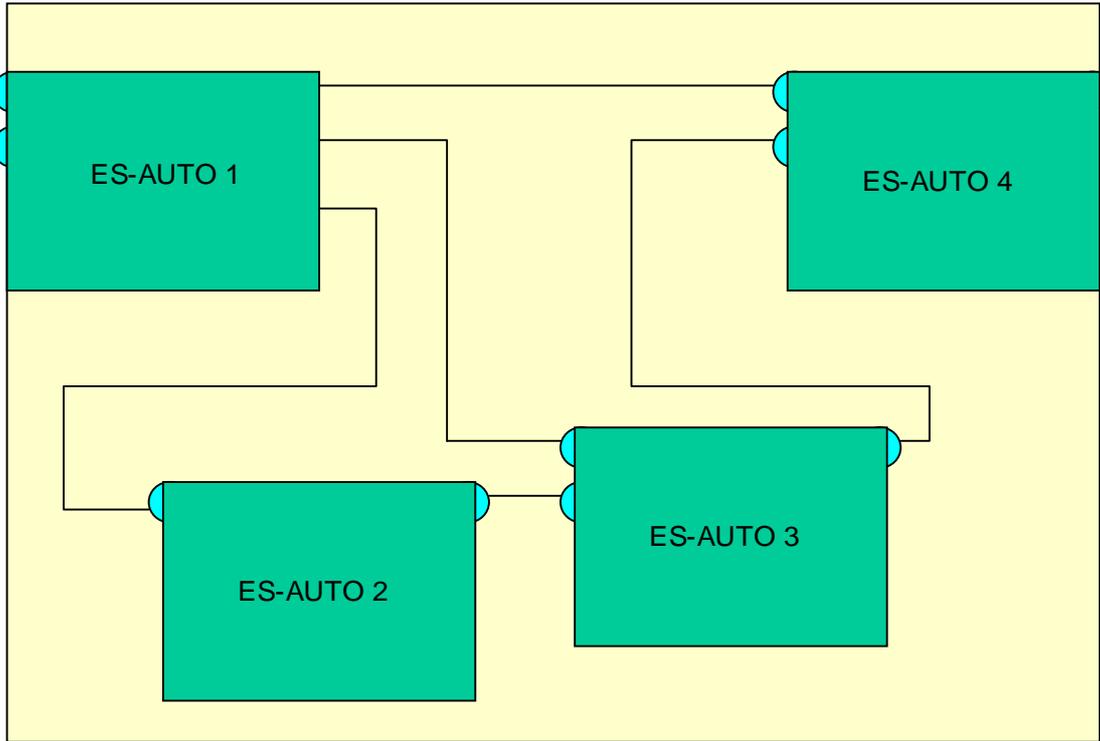
ES-Object Instanciation, 가

PROFInet ES-Object ES-Master

PROFInet 가

PROFInet 가

SIMATIC , Moeller Siemens PROFInet 가 (reutilization) (specimen) (compound) – Engineering System



2. ES -Compound

Compound Objects (ES -Compounds)

가 , 가
 가 facet
 , ES -
 Compound
 가 PROFINET 가
 (single) Ethernet
 가
 PROFINET
 PROFINET XML
 가 ,
 XML PROFINET “ ”
 가 가
 PROFINET

가 trigger

PROFINet

Facet

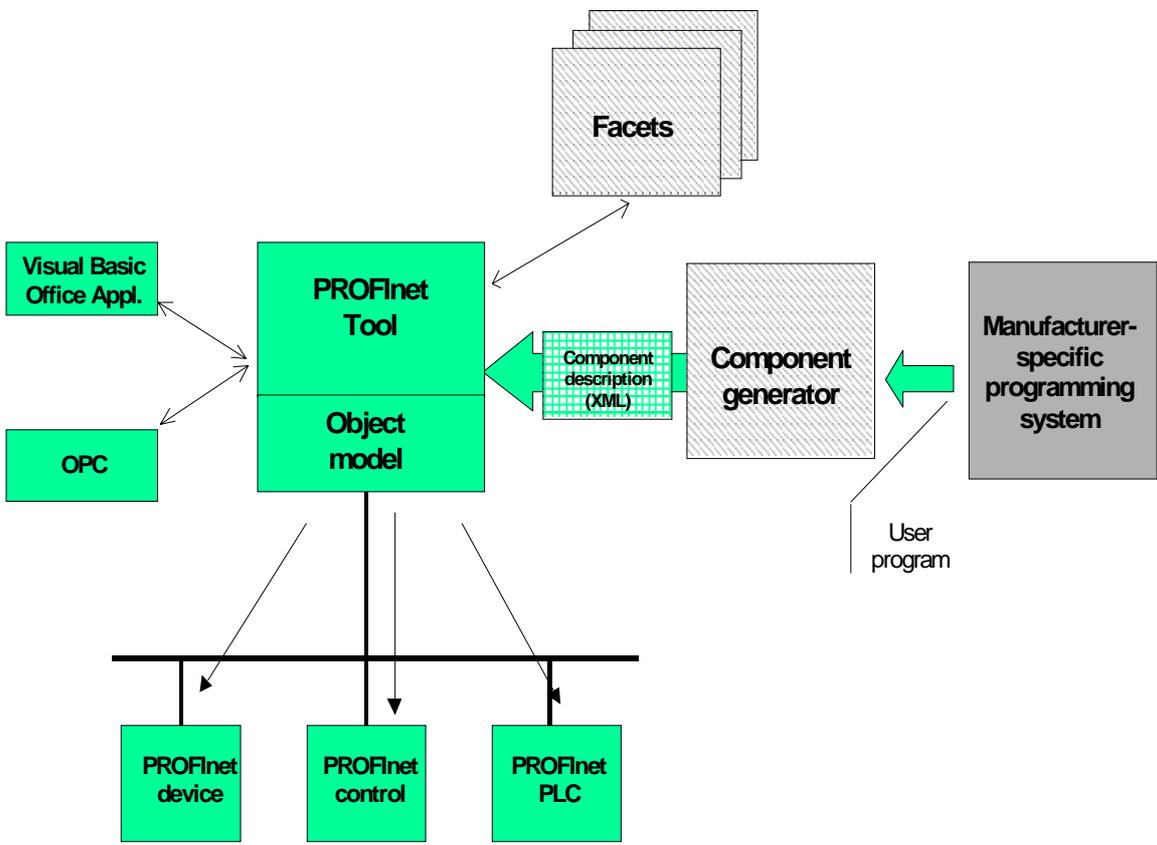
facet PROFINet

가 facet ES-Object

PROFINet

가 facet

PROFINet



3. PROFINet

facet
facet
가 COM
facet
PROFINet
facet
facet
PROFINet
facet
가
facet
PROFINet facet ES-Object
PROFINet
facet,
facet,
facet
가 proxy
facet
PROFINet
가
가
가
가
가
가
RT-AUTO가
가
PROFINet PROFIBUS
International(PI) IT PROFIBUS
가
PROFINet
IT
가 PROFINet

