SAP Plant Connectivity 2.2

PCo Functions / Destinations
Release 2.2
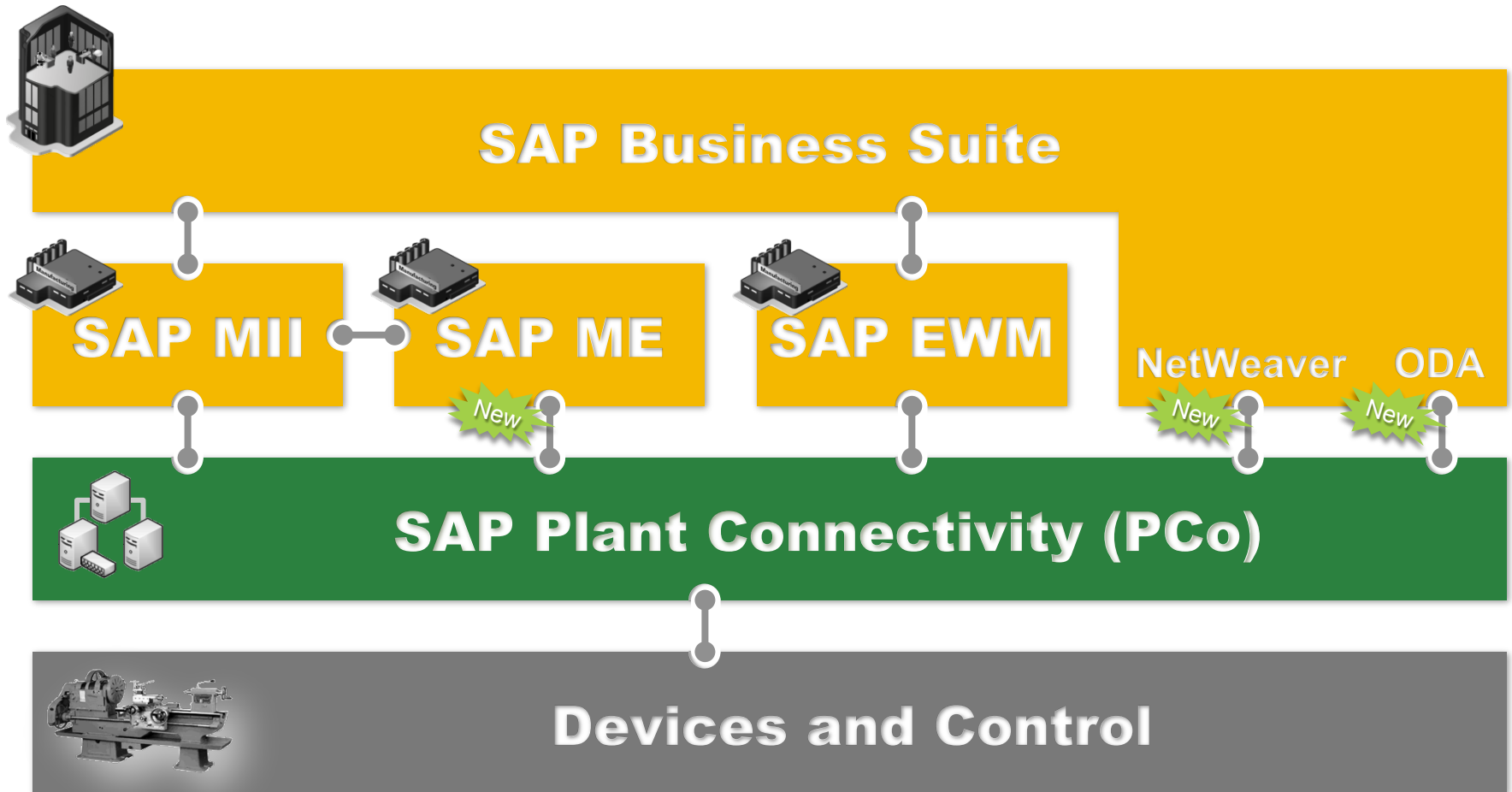
Function / Destination
Bidirectional Queries
Software Development Kit (SDK) for custom agents
RFC Destination to EWM
RFC Destination to Business Suite *New*
RFC Destination to SAP ODA *New*
Web Service Destination (SAP ME) *New*

PCo Agents
Release 2.2

Agent	Query	Notification
OPC DA	X	X
OPC UA	X	X
OPC A&E		X
OPC-HDA	X	
OLEDB	X	
OSISoft PI	X	X
GE Fanuc Proficy Historian	X	X
AspenTech IP 21 *New*	X	
Citect SCADA *New*	X	
File Monitor *New*	X	X
Socket	X	X

Support of Device Connectivity by SAP

SAP Business Suite

SAP MII — SAP ME   SAP EWM   NetWeaver   ODA

New   *New*   *New*

SAP Plant Connectivity (PCo)

Devices and Control

Direct Connectivity to the Business Suite / SAP ODA

SAP Business Suite

CRM

SCM

ERP

EA-APPL

PP / PP-PI

PI Sheets, Electronic Work Instructions,
Automatic Process Messages

COOPC Browse, Read/Write, Subscribe

New App

SAP Basis (NetWeaver)

S_PCO (Class CL_PCO_PAC) Browse, Read/Write, Subscribe

RFC Destination - Business Suite

RFC Destination - ODA

SAP Plant Connectivity (PCo)
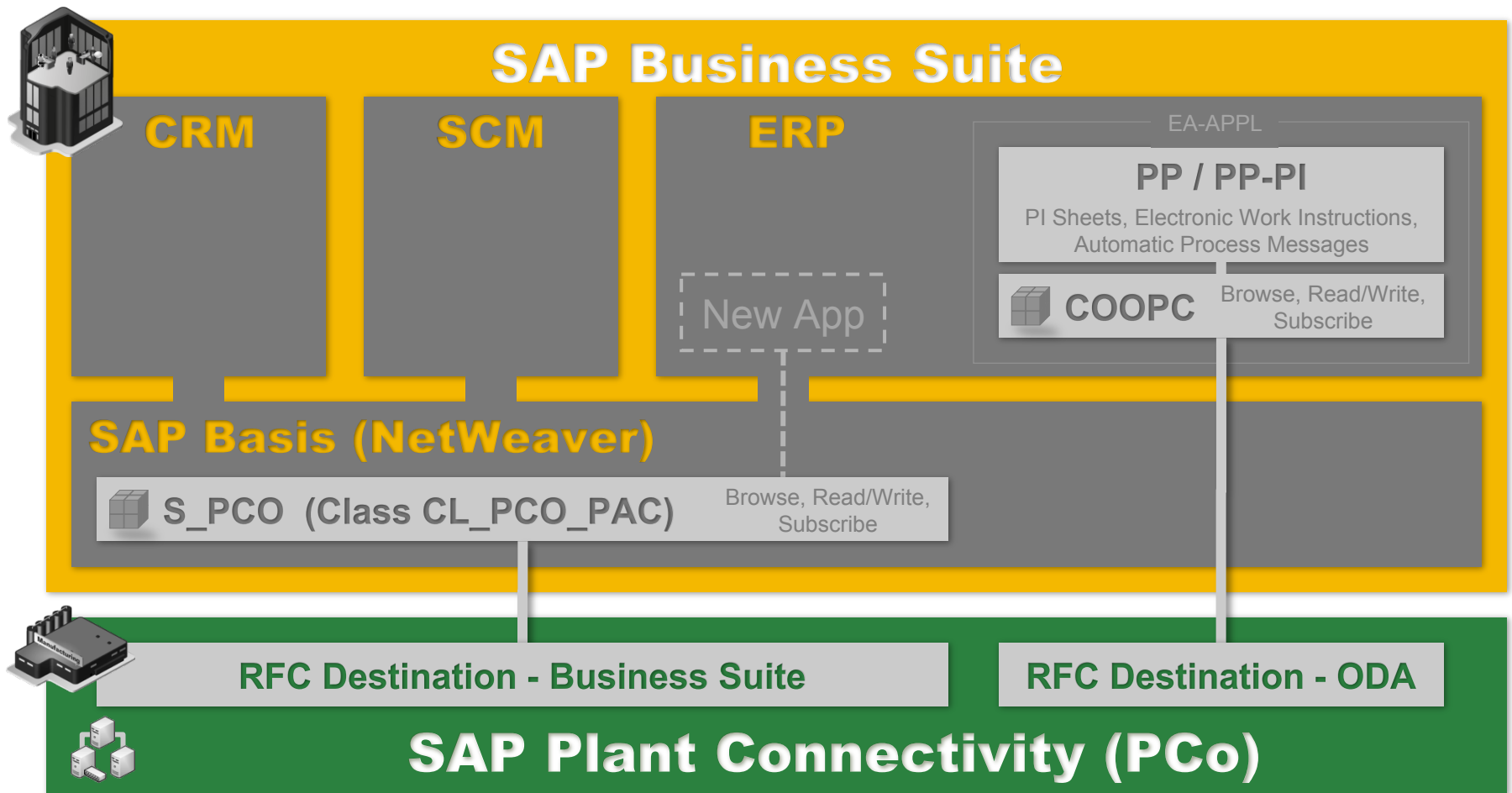
Integration with SAP ME

Old Solution

- Not part of PCo standard
- Scripting Engine (C#)
- Advantage: Flexible
- Disadvantages:
  - ► Consulting intensive
  - ► Difficult to support

New Solution

- Consumption of ME web services
- Easy to set up
  - ► Browsing of offered services and operations
  - ► Browsing of parameters

PCo Integration with SAP ME:
Web Service Destination - General Settings

PCo Integration with SAP ME:
Web Service Destination - Operation Mapping

PCo Integration with SAP ME:
Usage in PCo Notification

Thank You!

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