

SAP University Alliances

Version 2.20

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Introduction to SAP

Product

SAP ERP 6.0 EhP4

Level

Beginner

Focus

Cross-functional integration
SD, MM, PP, FI, CO,
HCM, WM, PS, EAM

Abstract

This teaching material is intended to explain how the fundamental business processes interact with SAP ERP in functional areas such as Sales and Distribution, Materials Management, Production Planning, Financial Accounting, Controlling, Human Capital Management, Warehouse Management, Project Management, and Enterprise Asset Management.

- Introduction to SAP
- Navigation
- Introduction to GBI
- Sales & Distribution
- Materials Management
- Production Planning
- Financial Accounting
- Controlling
- Human Capital Management
- Warehouse Management
- Project System

“Systeme, Anwendungen und Produkte in der Datenverarbeitung”

(English: “Systems, Applications, and Products in Data Processing”)

- Global concern with many companies
 - SAP AG
 - SAP America
 - SAP UK etc.
- SAP Business Suite
 - SAP Enterprise Resource Planning (SAP ERP)
 - SAP Supplier Relationship Management (SAP SRM)
 - SAP Customer Relationship Planning (SAP CRM)
 - SAP Supply Chain Management (SAP SCM)
 - SAP Product Lifecycle Management (SAP PLM) etc.
- SAP Business ByDesign
- SAP NetWeaver

- SAP AG
 - Founded in Walldorf, Germany in 1972
 - World's Largest Business Software Company
 - World's Third-largest Independent Software Provider
- Company Statistics
 - Over 55,000 employees in more than 75 countries
 - 183,000+ customers in more than 130 countries
 - 200,000+ installations
 - 2,500+ Business Partners

Source: SAP AG website

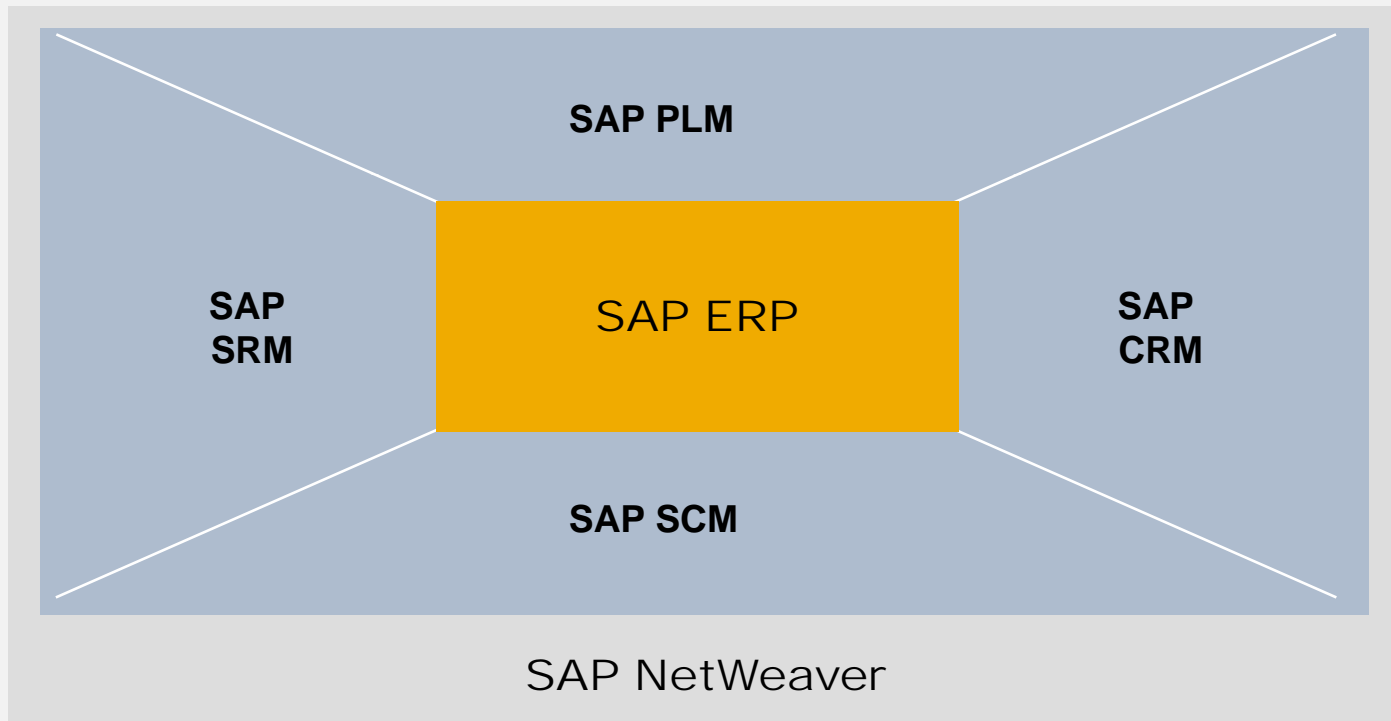
- SAP
 - SAP Business Suite, SAP All-in-One, SAP Business ByDesign, SAP Business One
- Oracle Applications
 - Oracle, JD Edwards, PeopleSoft, Siebel, Retek
- Microsoft Business Solutions
 - Dynamics: Great Plains, Navision, Axapta, Soloman
- The Sage Group
 - Sage Software – Accpac ERP, PeachTree
- SSA Global Technologies
 - BAAN

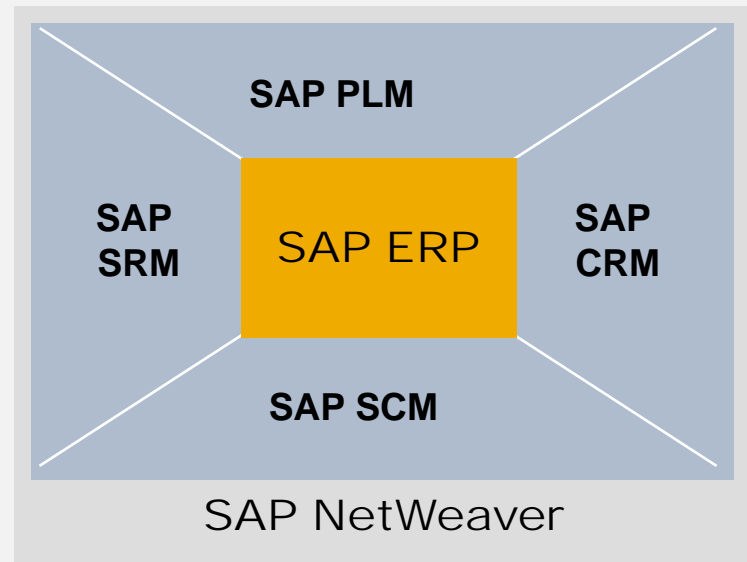
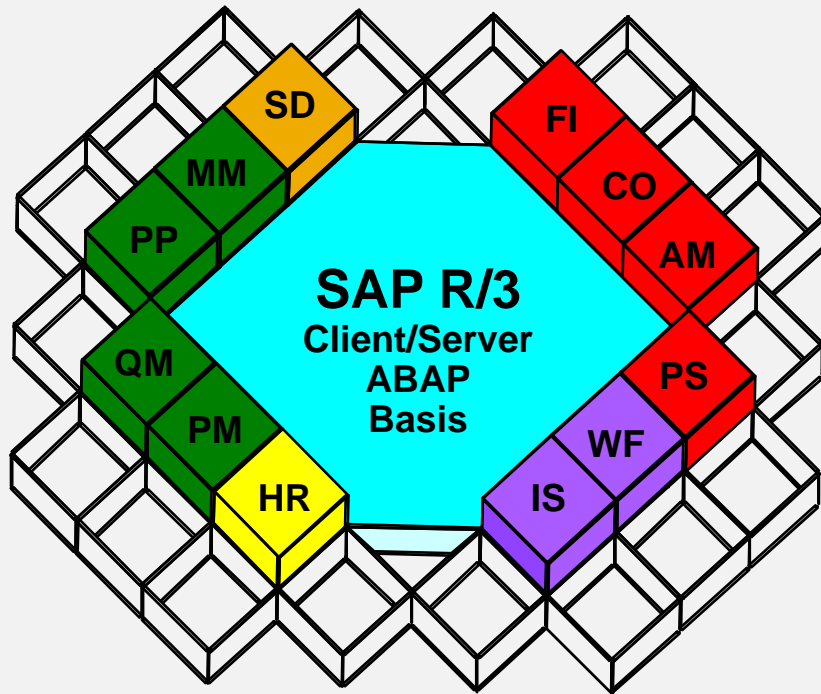
- World-wide usage
- Designed to satisfy the information needs for all business sizes (small local to large all international)
 - Multi-lingual
 - Multi-currency
 - Multi-balance (parallel G/L Accounting)
- Designed to satisfy the information needs for all industries, e.g.
 - Automotive
 - Banking
 - Retail
 - Public Sector
 - Higher Education and Research etc.

- Enables a company to support and optimize its business processes
- Ties together disparate business functions (integrated business solution) such as
 - Finance (Financial Accounting, Managerial Accounting, Treasury, ...)
 - Logistics (Sales, Procurement, Production, Fulfillment, ...)
 - Human Resources etc.
- Helps the organization run smoothly
- Real-time environment
- Scalable and flexible

- Client/Server Environment
 - Client – hardware/software environment that can make a request for services for a central repository of resources
 - Server – hardware/software combination that can provide services to a group of clients in a controlled environment

- Three – Tier Structure
 - GUI
 - Graphical User Interface or Web Interface
 - Application Server
 - One or more, help distribute work load
 - Database Server
 - One single data repository





- For large enterprises
 - SAP ERP
 - SAP CRM
 - SAP PLM
 - SAP SCM
 - SAP SRM
 - SAP Business Objects
- For small & medium enterprises
 - SAP All-in-One
 - SAP Business ByDesign
 - SAP Business One
- Platforms
 - SAP NetWeaver
 - SAP Enterprise Services Architecture

- Collections of logically related transactions within identifiable business functions
 - MM (“Buy”)
 - PP (“Make”)
 - SD (“Sell”)
 - FI and CO (“Track”)
 - HCM (“People”)
 - WM (“Store”)
 - EAM (“Maintain”)
 - CS (“Service”)

- **Logistics**
 - Sales & Distribution
 - Materials Management
 - Production Planning
 - Plant Maintenance
 - Quality Management
- **Finance**
 - Financial Accounting
 - Managerial Accounting
 - Asset Management
 - Treasury
- **Human Capital Management**
 - Personnel Management
 - Benefits
 - Payroll

- Aerospace & Defense
- Automotive
- Banking
- Chemicals
- Consumer Products
- Defense & Security
- Engineering, Const.
- Healthcare
- High Tech
- Higher Education
- Industrial Machinery
- Insurance
- Life Sciences
- Logistics Service Prod.
- Media
- Mill Products
- Mining
- Oil & Gas
- Pharmaceuticals
- Postal Services
- Professional Services
- Public Sector
- Railways
- Retail
- Telecommunications
- Utilities
- Wholesale Distribution