

G1 GROUP 1

SAP

SYSTEM ANALYSIS PROGRAM DEVELOPMENT (SAP) IN ENTERPRISE





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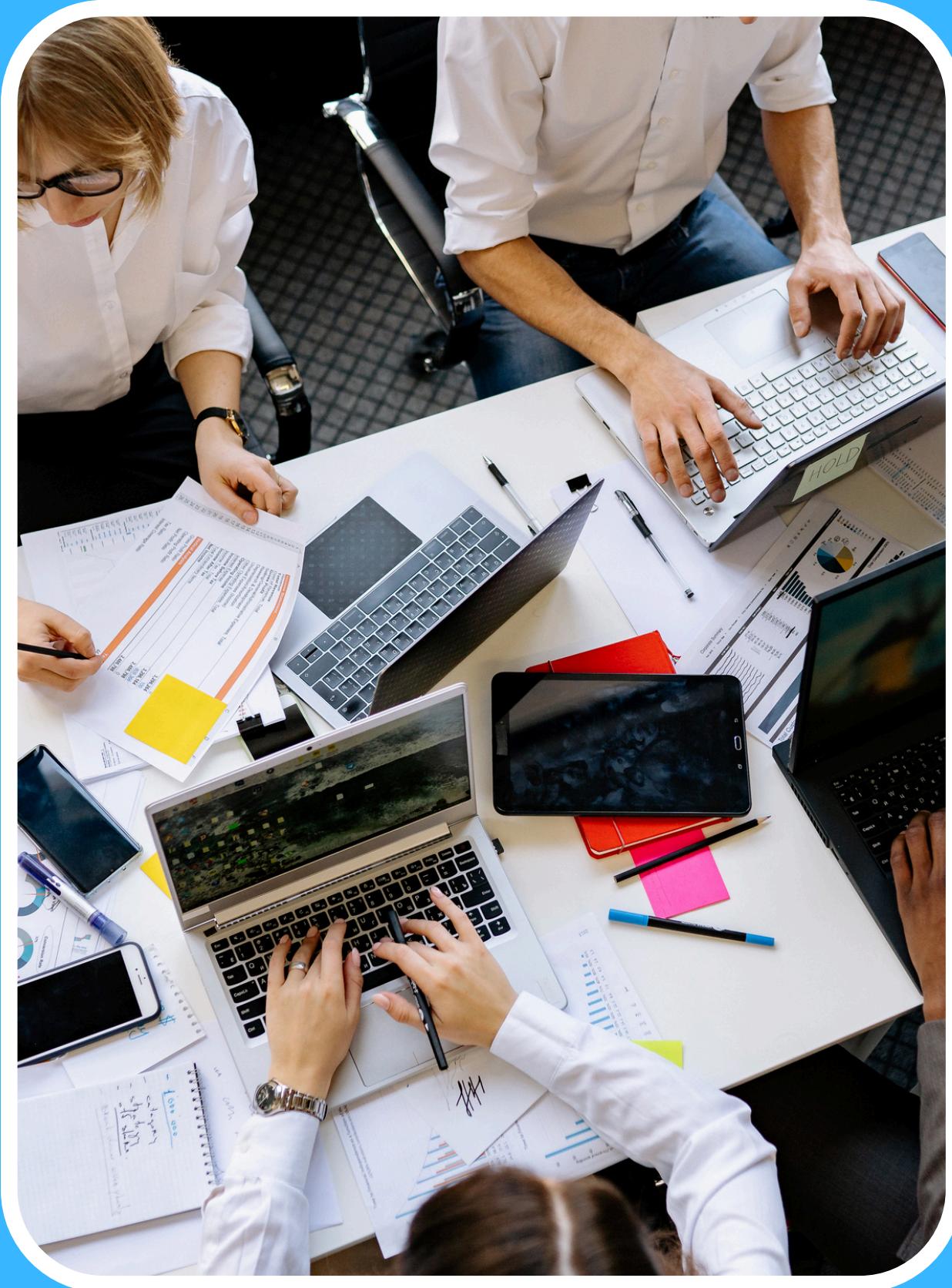


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WHAT IS SAP?

- SAP, which stands for System Analysis Program Development (Systemanalyse Programmentwicklung).
- A German(Walldorf, Germany) multinational software corporation.
- Founded in 1972
- Its mission is to help businesses of all sizes and across various industries run better by redefining ERP (enterprise resource planning).





SCALE AND IMPACT

- **Market Leader:** SAP is the global market leader in ERP software.
- **Users:** SAP's influence extends globally. 98% of the 100 most valued brands are SAP customers.
- **Countries:** 105,000+ employees across 157 countries.
- **Data Centers:** SAP operates 69 data centers in 35 locations across 15 countries.

SAP'S POSITION

- **#1** in the end-to-end enterprise application software market globally.
- **#3** among the largest software companies worldwide.
- **#7** in the list of most valuable technology brands



KEY PRODUCTS

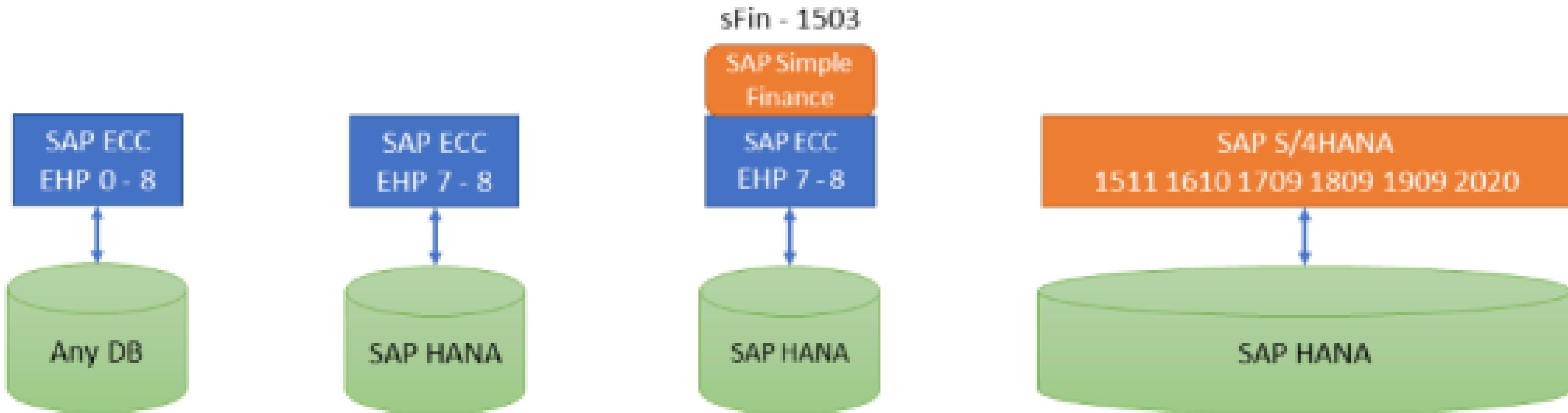
- **SAP S/4HANA :**

- SAP S/4HANA is an intelligent, next-generation ERP (Enterprise Resource Planning) suite.
- It integrates various business functions such as finance, procurement, sales, manufacturing, and more into a single system.
- Organizations use SAP S/4HANA to streamline processes, gain real-time insights, and enhance decision-making.



EVOLUTION

- SAP S/4HANA :



Data model simplification, Improved user experience, Innovations using advanced technologies like AI & ML,
Optimised for in-memory DB

KEY FEATURES OF SAP S/4HANA

S/4HANA Finance – Financial accounting, controlling, treasury and risk management, financial planning, financial close, and consolidation

S/4HANA Sales – Processes that are required to fulfill sales orders

S/4HANA R&D and Engineering – Product lifecycle



KEY FEATURES OF SAP S/4HANA

S/4HANA Logistics

- **S/4HANA Sourcing and Placement –**

Centered on capabilities needed to source and obtain raw materials for fulfilling production orders

- **S/4HANA Manufacturing –** Processes required to manufacture products

- **S/4HANA Supply Chain –** End-to-end business planning and logistics processes, from pre-production to distribution to end purchasers

- **S/4HANA Asset Management –**

Maintenance processes for a company's fixed assets



KEY PRODUCTS

- **SAP Business Technology Platform (BTP)**:
- A comprehensive platform that provides tools, services, and technologies for building, extending, and integrating applications.
- Provides 5 categories of services.
- Create custom applications, extend existing SAP solutions, and integrate with other systems.



KEY FEATURES OF SAP BTP

- **Integration Services:** Seamlessly connect various systems and applications.
- **Application Development:** Create custom applications using SAP BTP's tools and services.
- **Analytics and Insights:** Leverage data analytics, artificial intelligence, and predictive capabilities.
- **Database Services:** Access databases as a service.
- **Runtimes and Monitoring:** Manage application runtimes and monitor performance.
- **Lifecycle Management:** Handle system updates and maintenance.



KEY FEATURES OF SAP BTP

Applications

Data

Runtime

Middleware

O/S

Virtualization

Servers

Storage

Networking

On-Premise

Applications

Data

Runtime

Middleware

O/S

Virtualization

Servers

Storage

Networking

IaaS

Applications

Data

Runtime

Middleware

O/S

Virtualization

Servers

Storage

Networking

PaaS

Applications

Data

Runtime

Middleware

O/S

Virtualization

Servers

Storage

Networking

SaaS

KEY FEATURES OF SAP BTP

1. Full fledged Application:

- a. Business Application Studio
- b. Build Process Automation
- c. Build Apps
- d. SAP Analytics Cloud
- e. Data Sphere
- f. Integration Suite

2. Supporting Service:

- a. Authorization Trust Management Service
- b. Alert Notification Service
- c. Workflow Service
- d. Credential Store

3. Environments:

- a. Cloud Foundry Environment
- b. Kyma Environment
- c. ABAP Environment



SAP BTP ARCHITECTURE COMPONENT



Global Account



Sub-Account



Directory



SAP S/4HANA
CLOUD PUBLIC
EDITION
AND
SAP BTP
DEMO