



SAP ERP EXTENDED PROFILE



OVERVIEW

SAP ERP Central Component (ECC) is SAP SE's on-premise solution for medium and large enterprises. It integrates core business functions like finance, sales, manufacturing, HR, and logistics into a single database.

The system supports 39 languages, covers the full manufacturing and logistics lifecycle, and allows selective upgrades. Designed for a wide range of industries, including pharmaceuticals, insurance, wholesale distribution, and higher education.

Its final on-premises release was SAP ERP 6.0 (Enhancement Pack 8) in 2016.

SAP ERP END-OF-SUPPORT

SAP ERP is now considered [legacy software](#). SAP plans end-of-support by December 31, 2027, after which customers will receive only maintenance fixes. Organizations should plan migration to [SAP Cloud ERP \(formerly S/4HANA\)](#) before that deadline.

MODULES AND FUNCTIONALITY

Companies select only the modules they need, making SAP software scalable from dozens to hundreds of integrated applications.

Core modules include:

- **Financial accounting & controlling:** handles general ledger, accounts payable/receivable, budgeting, and financial reporting.
- **Sales & distribution:** Manages orders, pricing, shipping, billing, and customer relationships.
- **Materials management:** covers purchasing, inventory management, and procurement processes.
- **Production planning:** Supports manufacturing schedules, capacity planning, and shop-floor execution.
- **Quality management:** Tracks quality control and compliance processes.
- **Plant maintenance:** Schedules and records maintenance for equipment and facilities.
- **Project system:** Manages project planning, costs, and timelines.
- **Customer service:** Supports service orders and customer support.
- **Human capital management:** Manages payroll, personnel administration, time tracking, and employee development.

The software uses a standard SAP GUI interface and three-tier architecture (presentation, application, database). SAP's proprietary ABAP/4 programming language underpins the system, enabling deep customization and extensions.

FLEXIBILITY AND DEPLOYMENT OPTIONS

SAP ERP runs on a variety of operating systems including Windows, Linux, and UNIX.

You can deploy on-premises or in the cloud. SAP ERP integrates with SAP Cloud Platform, enabling hybrid scenarios and third-party cloud services.

Users access SAP ERP via a web interface (SAP Fiori) which provides a modern, role-based experience on desktops, smartphones, and tablets.

- **SAP GUI:** The classic desktop client for power users.
- **SAP Fiori:** A responsive, tile-based web interface optimized for mobile and desktop.
- **OData/Open API:** Enables custom UI development with RESTful services.

FREQUENTLY ASKED QUESTIONS

IS SAP ERP A SAAS?

SAP ERP Central Component (ECC) is an on-premises system. SAP does not offer ECC as a true SaaS solution, but you can host it in private or public clouds via partners. Its successor, SAP Cloud ERP provides a multi-tenant SaaS option.

WHAT IS THE DIFFERENCE BETWEEN SAP ERP AND SAP CLOUD ERP (S/4HANA)?

The main difference is in the system architecture and deployment flexibility.

- **Architecture:** SAP ERP (ECC) uses traditional relational databases; SAP S/4HANA runs on the in-memory SAP HANA database for faster transaction processing.
- **Deployment:** ECC is on-premises (with partner-hosted cloud options); S/4HANA offers on-premises, private cloud, public cloud, and hybrid editions.
- **Analytics & AI:** S/4HANA embeds advanced analytics, machine learning, and predictive planning, giving real-time insights.

HOW MUCH DOES SAP COST?

SAP's pricing varies widely based on deployment, user count, modules, and customization. Quotes are based on:

- Software licensing
- Customization and implementation (this can vary massively depending on complexity, whether or not an implementation partner is used or not etc.)
- Maintenance and support (an annual fee of around 15-20% of the software licensing fee).

For a better idea of ERP pricing, click the 'price' button above. There's also a SAP demo available to watch at any time.



SOFTWARE SPECIFICATION

OVERVIEW	
PRODUCT NAME	SAP ERP
BUSINESS SECTORS	
DISTRIBUTION	✓
GOVERNMENT & NPO	✗
MANUFACTURING	✓
RETAIL	✓
SERVICES	✓
INDUSTRY	
AEROSPACE & DEFENSE	✓
AUTOMOTIVE	✓
CHEMICAL	✓
CONSTRUCTION	✓
COSMETICS	✓
ELECTRONICS	✓
ENERGY/POWER/UTILITIES	✓
ENGINEERING	✓
FASHION	✓
FINANCIAL SERVICES	✓
FOOD & BEVERAGE	✓
LOCAL GOVERNMENT	✗
MEDIA	✓

MEDICAL & HEALTHCARE	✓
METALWORKING	✓
OILFIELD	✓
PACKAGING	✓
PAINT & ADHESIVES	✓
PHARMACEUTICAL	✓
PLASTICS & RUBBER	✓
PRINT & DESIGN	✓
RENTAL	✓
TELECOMMUNICATIONS	✓
WOODWORKING	✓
CANNABIS	✗
EDUCATION	✓
NONPROFIT	✗
ERP SOFTWARE FEATURES	
BILLING	✓
BUSINESS INTELLIGENCE/ANALYTICS	✓
COSTING	✓
CRM	✓
CUSTOMER SERVICE	✓
PRODUCT DESIGN	✓
FINANCIALS & ACCOUNTING	✓
HR	✓
INVENTORY MANAGEMENT	✓
ORDER MANAGEMENT	✓

PLANNING & SCHEDULING	✓
PROJECT MANAGEMENT	✓
PURCHASING	✓
QUALITY CONTROL	✓
SALES	✓
SHIPPING & DISTRIBUTION	✓
SUPPLY CHAIN MANAGEMENT	✓
WAREHOUSE MANAGEMENT	✓
ASSET MANAGEMENT	✓
DOCUMENT MANAGEMENT	✓
CUSTOMER SUITABILITY	
ENTERPRISE (1000+ EMPLOYEES)	✓
MEDIUM SIZE (251-1000 EMPLOYEES)	✓
SMALL BUSINESS (1-250 EMPLOYEES)	✓
ADDITIONAL PRODUCT INFO	
MULTI LANGUAGE	✓
MULTI CURRENCY	✓
CUSTOMIZABLE	✓
SYSTEM HOSTING	
CLOUD	✓
INSTALLED ON PREMISE	✓
FURTHER INFORMATION	



SOFTWARE SCREENSHOTS

Shipment Edit Goto System Help

ShipERP: Create Shipment

Execute Track Shipment Cancel Shipment Reports Change HU Manual Shipment Trailer Management

External HU 4561 Shop Rates HuCnt 1 Pkg 1 of 1 Auto Rate Shop Auto Ship

Sold To Ship From Ship To Small Parcel FedEx Contents Previous Shipment

Name ATLANTA COMPANY
Attention ATTN JOHN DOE
Addr 1 2345 GLENLAKE PKWY
Addr 2
City ATLANTA State/Prov GA
Postal code 30328-3447 Country US
Phone/Fax 999-999-9999 / 999-999-9999
Customer # 0000003250

Address Validation

Shipment
Carrier FedEx Ship Date
Service FedEx Ground 11/15/2010

Payment
Payment Pre Paid 3P/COLL Acct
3P/COLL Zip 3P/COLL Country

Packaging
Packing Customer Package 1 of 1
Weight via HU 0.50 LB

Carrier Service Rates

Carrier Code	Carrier Name	Carrier Service ID	Carrier Service	Carr Rate	Currency	Transit Tm	Delivery Date	Priority
FDXG	FedEx Ground	FEDEX_GROUND	FedEx Ground	6.12	USD	5.00	11/20/2010	1
FDXE	FedEx Express	FEDEX_EXPRESS_SAVER	FedEx Express Saver	14.74	USD	3.00	11/18/2010	1

Outbound Delivery Edit Goto Edits Environment Subsequent Functions System Help

Delivery 80021575 Change: Header Details

Ship-to party: 3250 Atlanta Company / 3 Oriente Parkway / Atlanta GA 30328

Administration Partner Fields Conditions Dates Parcel Tracking Ship ERP Additional Data SAP Event Mgmt Auto-ID Info

General Info

Carrier Code: UPS Ship Days: 5 Billing: Billing Option ID: PFA10
 Carrier Service: 03 Declared Value: 3rd Party Account No:
 Carrier Rate: 0.09 3rd Party Postal Code: 3rd Party Country:

Special Services

Saturday Pickup: ☐ Saturday Delivery: ☐ Residential Delivery: ☐
 Delivery Conf. ID: LTL/TLT TrackPro Number: 12296007032087777 Freight Class:

Tracking

PROOF OF DELIVERY

Header	Header	Tracking #	Status	C	C	Car	Sev	City	Region	Country
80021575										
FR-CARTON	12296007032087777	DELIVERED								
Electronic ID p										
Tracking Status	12296007032087777	DELIVERED								
10062010	DELIVERED							BRENSVILLE	PA	US
10062010	OUT FOR D.							BETHLEHEM	PA	US

Shipment Edit Goto System Help

ShipERP: Create Shipment

Execute Track Shipment Cancel Shipment Reports Change HU Manual Shipment Trailer Management

External HU: 4561 Ship From: Ship To: Ship Rates

Name: ATLANTA COMPANY Attention: ATTN JOHN DOE
 Addr 1: 2345 GLENLAKE PKWY Addr 2:
 City: ATLANTA State/Prov: GA Postal code: 30328-3447 Country: US
 Phone/Fax: 999-999-9999 / 999-999-9999 Customer #: 000003250

Shipment

Carrier: FedEx Ship Date: 11/15/2010
 Service: FedEx Ground

Payment

Pre Paid: 3PICOLL Acct 3PICOLL Zip: 3PICOLL Country:

Packaging

Packing: Customer Package 1 of 1
 Weight: via HU 0.50 LB

Carrier Service Rates

Carrier Code	Carrier Name	Carrier Service ID	Carrier Service	Car Rate	Currency	Transit Tm	Delivery Date	Priority
FDX0	FedEx Ground	FEDEX_GROUND	FedEx Ground	6.12	USD	5.00	11/20/2010	1
FDXE	FedEx Express	FEDEX_EXPRESS_SAVER	FedEx Express Saver	14.74	USD	3.00	11/18/2010	1

List Edit Goto Settings Environment System Help

Stock/Requirements List as of 19:35 hrs

Show Overview Tree SR Planned order (WO) Sng-Item, multi-M Sng-Item, interactive

Material: RESCHEDULING-01 RESCHEDULING TEST 01
 MRP area: 1000 Hamburg Plant: 1000 MRP type: PD Material type: FERT Unit: PC

A. Date	MRP ...	MRP element data	Rescheduling d...	Exception	Receipt/Reqmt	Available Qty	St...
17.03.2012	Stock					0	
20.03.2012	PrdOrd	000060017605/PP01	30.03.2012	15	10	10	0001
30.03.2012	Reser.	0001726858/0001			10	0	

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List Bearbeiten Sprünge Sichten Einstellungen System Hilfe

Bilanz/GuV

Handelsbilanz USA

BL Ledger
 10 Währungstyp: Buchungskreiswährung
 USD Beträge in Amerikanische Dollar
 2007.01-2007.16 Berichtsperioden
 2006.01-2006.16 Vergleichsperioden

Position	Teil Bilanz/GuV-Position	Sum Berper	Sum Verper	Abs. Abw	Rel. Abw
1053000	762000 Finished goods inventory	0.00	876.000.00-	876.000.00	100.0
1053000	Total Finished Goods	0.00	5.074.985.90-	5.074.985.90	100.0
1054000	Sundry Materials				
1054000	303000 Inventory - Sundry Materials	0.00	909.597.02	909.597.02-	100.0-
1054000	Total Sundry Materials	0.00	240.450.00-	240.450.00-	100.0-
1054000	Total Sundry Materials	0.00	1.150.047.02	1.150.047.02-	100.0-
1055000	Consumables				
1055000	304000 Inventory - Consumables	0.00	11.628.00	11.628.00-	100.0-
1055000	Total Consumables	0.00	11.628.00	11.628.00-	100.0-
1056000	Packing Materials				
1056000	305000 Inventory - Packing Materials	0.00	136.698.00	136.698.00-	100.0-
1056000	Total Packing Materials	0.00	1.000.00	1.000.00-	100.0-

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