

# TOP 12 AI-POWERED ERP SOFTWARE

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## AI FUNCTIONALITY ACROSS TOP ERP PLATFORMS

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1

### SAP S/4HANA

- **AI Copilot (SAP Joule):** A generative AI assistant that uses NLP and machine learning to provide contextual insights and automate tasks (e.g. answering queries or creating orders).
- **Intelligent automation:** Embedded RPA/ML automates finance and procurement workflows (e.g. auto-matching invoices to POs and journal entry uploads).
- **Predictive analytics:** Built-in ML forecasts (demand, labor, maintenance, inventory, cash flow) so businesses can anticipate staffing, maintenance needs, and optimize inventory levels.

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### Acumatica Cloud ERP

- **Intelligent advisor functions:** Anomaly detection and demand forecasting functions analyze real-time data to flag exceptions and predict trends.
- **Intelligent automation:** AI-driven workflows automate complex processes (customizable with no code), integrating external AI services to streamline order/invoice processing and other tasks.
- **AI assistants:** Interactive AI agents with chat and voice interfaces allow users to interact conversationally with the ERP (asking questions, pulling up reports) and see dynamic visual data summaries.

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### Sage Intacct

- **AP and GL automation:** AI extracts invoice data and flags duplicates in accounts payable, and uses ML to identify unusual general ledger transactions, reducing manual entry and errors.
- **Sage Copilot (AI assistant):** A generative chatbot that helps finance teams with tasks like variance analysis and month-end close. Provides real-time alerts and narrative insights to speed up closing and decision-making.
- **Financial intelligence:** Machine learning-driven insights improve forecasting; anomaly detection in GL entries helps catch fraud or misclassifications early.

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### Microsoft Dynamics 365 Business Central

- **AI chatbots (Copilot):** Conversational agents embedded in portals or Teams answer user queries about orders, invoices, inventory, etc., for next-generation customer and employee self-service (e.g., retrieve invoice copies on demand).
- **Anomaly/fraud detection:** AI models scan financial data for irregular patterns (duplicate invoices, unusual payments, or GL postings) and alert users in real time, preventing costly mistakes.
- **Predictive supply chain and financial analytics:** Copilot recommends optimal reorder quantities and replenishment schedules based on demand and lead times, and provides cash flow and budget forecasts with scenario analysis and alerts for variances.

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### Onfinity ERP and CRM

- **Automated workflows:** A no-code platform with an agentic AI network that integrates multiple AI models to link data and orchestrate workflows automatically (e.g. integrating n8n/Zapier for touchless process automation)
- **AURA AI assistant:** An embedded ML-driven agent that analyzes live data to predict inventory needs and flag potential issues early, guiding users through ERP processes and answering data-driven questions to support timely decisions.
- **Predictive and embedded AI:** Report generation provides on-demand data access (minimizing manual report building) and predictive suggestions (e.g. forecasting stock requirements, cashflow) to boost decision accuracy.

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## IFS Cloud

- **IFS.ai:** Conversational Copilot that delivers role-based, context-aware insights via NLP; it provides real-time recommendations (e.g. “next best actions”) and data summaries.
- **Workflow automation:** Identifies and automates routine tasks (e.g. scheduling, approvals) and continually optimizes processes as it learns from user behavior and data.
- **Predictive analytics:** Predicts equipment failures, maintenance schedules, and resource needs; it can auto-generate content (e.g. orders, reports) and simulate outcomes.

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## QAD Adaptive ERP (Champion AI)

- **GenAI knowledge assistant:** Lets users ask plain-language questions about processes, exceptions, and performance. QAD trains and runs the assistant on private/secure LLM infrastructure.
- **Process-mining and explanation:** Translates process-mining outputs into business language, making insights accessible to non-technical users and enabling ‘ask-and-act’ workflows instead of static dashboards. Also powers product classification and narrative explanations for process anomalies.
- **Prescriptive, operational actions and integrations:** Gives prescriptive recommendations (e.g., schedule adjustments, routing changes, classification fixes), ties predictions to financial and supply-chain impact.

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## CMiC

- **AI forecasting for delay prevention:** Models time-series and job-level inputs to detect early signals of schedule risk (materials, crew productivity, subcontractor activity) so teams can act before delays cascade.
- **Operational and financial integration:** Forecast outputs are designed to tie directly into financial controls, surfacing likely cost and cash-flow impacts of anticipated delays so controllers can prepare and reallocate reserves.
- **Field-aware models and resource planning:** The approach emphasizes models trained on granular field data (daily reports, sensor inputs, time logs) to improve labor/resource alignment and flag bottlenecks (material, equipment, subcontractor availability) early.

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## Oracle Fusion Cloud ERP

- **Intelligent document processing:** OCR and intelligent document recognition auto-capture invoice and PO details, and intelligent matching automates reconciliations and expense matching.
- **Predictive financials:** ML models forecast cash flow and budgets in real time and use what-if simulations (e.g. Monte Carlo risk analysis) to improve planning and liquidity management.
- **AI assistants and analytics:** Embedded AI Agents (and Oracle Digital Assistant) use NLP to answer business queries and generate narrative reports (e.g. variance or trend explanations), making it easier to understand data and take actions without manual report-building.

10

## Odoo Online

- **AI agents and natural-language copilot:** Odoo 19 added AI agents that can both answer questions and take actions in-platform (create tasks, update fields, send emails), plus natural-language database queries so users can request data in everyday language.
- **Automatic field completion and content generation:** Suggests field values, drafts emails, summarizes chatter, generates webpages/product pages from prompts, and offers voice-to-text meeting transcripts and summaries to reduce manual entry.
- **AI across core apps (automation and forecasting):** AI-enhanced lead scoring and lead capture (business-card scanning, chat agents), OCR-assisted bank reconciliation and invoicing, smarter replenishment/warehouse flows, and AI-driven project automations (rule-based assignment and workflow actions).

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## Epicor Kinetic

- **Document and P2P automation:** Epicor ECM and Intelligent Data Capture (IDC) use AI to automatically classify and extract data from invoices, purchase orders, and receipts, powering touchless procure-to-pay and AP workflows.
- **Inventory optimization:** Smart inventory planning & optimization (IP&O) applies AI-driven forecasting to fine-tune demand forecasts and stocking policies, predicting future costs and service levels to optimize ordering and reduce excess stock.
- **AI agents and enhancements:** The Epicor Prism platform embeds vertical AI agents (e.g. an RFQ AI agent that automates supplier communications) and smart item advisors (suggesting complementary products) to provide actionable recommendations and speed up processes like quoting and ordering.

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## Naologic Manufacturing ERP

- **Forecasting and optimization:** AI-driven demand forecasting and production scheduling optimize inventory and capacity planning; the system also recommends dynamic pricing and predicts maintenance needs to help hit delivery targets and control costs.
  - **AI assistants and NLP:** A built-in conversational AI assistant lets users query the system in natural language (orders, invoices, forecasts) and receive on-the-fly answers; the platform also generates anomaly alerts and adjusts workflows in real time.
  - **Predictive financials:** Machine learning improves cost and budget accuracy (e.g. smarter job-cost estimates) and supports scenario-based financial forecasting, helping management plan with data-driven insights.
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## HOW THESE RANKINGS WERE GENERATED

This ranking was determined using a number of factors including industry standing, public opinion of software, social media presence, and available software features relevant to the needs of a mid-sized business.

This ranking should serve as a rough estimate of software suitability, and more in-depth analysis can be taken below or by using our ERP software comparison.





## ERP VENDOR SHORTLIST CHECKLIST



1



Research ERP employed by similar companies in your industry

2



Identify ERP solutions specific to your industry

3



Identify market leading solutions which offer some support in your industry

4



Compile initial shortlist of vendors

5



Identify competitors of your shortlisted vendors and add these to your initial shortlist

6



Produce an RFI document and send to shortlisted vendors

7



Narrow shortlist based on RFI responses

8



Compile requirements and business processes in an RFP document. Include AI-specific questions (e.g. model retraining, UI, ease of customization)

9



Narrow shortlist based on RFP responses to produce final shortlist





## ERP VENDOR SELECTION CHECKLIST



1



Define the scope for your ideal software demonstration

2



Build selection teams to attend software demo including user group members

3



Book demonstrations with each vendor on your final shortlist

4



Seek at least two to three references from each prospective vendor (also consider AI certifications, partnerships with providers, success metrics etc.)

5



Produce an RFQ document and send to all vendors that were demoed

6



Assemble selection committee to review all RFQ responses

7



Make final selection decision and proceed to contract negotiations

8



Agree terms of purchase and implementation with your chosen vendor

9



Deliver documentation including vendor commitments and contacts to the implementation team

## WHY NOT CREATE YOUR OWN COMPARISON?

With our free comparison engine you can build your own side-by-side comparison of leading ERP solutions. Narrow down your shortlist using filters including:

- Software Features
- Industry Delivery
- Platform

**FIND & COMPARE ERP**





## OVERVIEW

### PRODUCT NAME

SAP S/4HANA

Acumatica Cloud ERP

Sage Intacct

Microsoft Dynamics 365  
Business Central (formerly  
Microsoft Dynamics NAV)

### 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	✓	✗	✗	✓
MOBILE CAPABILITIES				
ANDROID APP	✓	✓	✗	✓
IOS APP	✓	✓	✗	✓

WEB APP	✓	✓	✓	✓
SYSTEM HOSTING				
CLOUD	✓	✓	✓	✓
INSTALLED ON PREMISE	✓	✓	✗	✓
SUPPORT SERVICES				
ACCOUNT MANAGER				✓
API SUPPORT				✗
EMAIL				✓
IN-SYSTEM	Data currently unavailable. <a href="#">Click here</a> to suggest data for this product	Data currently unavailable. <a href="#">Click here</a> to suggest data for this product	Data currently unavailable. <a href="#">Click here</a> to suggest data for this product	✗
LIVE CHAT				✗
PHONE				✗
SUPPORT TICKETS				✓
REVIEWS				
REVIEW SCORE				



OTHER INFORMATION				
IMPLEMENTATION TIMEFRAME			3-6 months	
PRICING	Pricing not known	Consumption based pricing model, only pay for the resources used.	From \$425/month (annual subscription)	30-day free trial available, Essentials: \$70/user/month, Premium: \$100/user/month. Paid annually.



## OVERVIEW

### PRODUCT NAME

Onfinity ERP and CRM  
(formerly VIENNA  
Advantage)

IFS Cloud

QAD Adaptive ERP

CMiC

### 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	✓	✗	✓	✗
MOBILE CAPABILITIES				
ANDROID APP	✗	✓	✗	✓
IOS APP	✗	✓	✗	✓

WEB APP	✓	✓	✓	✓
SYSTEM HOSTING				
CLOUD	✓	✓	✓	✓
INSTALLED ON PREMISE	✓	✓	✗	✓
SUPPORT SERVICES				
ACCOUNT MANAGER	Data currently unavailable. <a href="#">Click here</a> to suggest data for this product	Data currently unavailable. <a href="#">Click here</a> to suggest data for this product	✓	✓
API SUPPORT			✓	✓
EMAIL			✓	✓
IN-SYSTEM			✓	✓
LIVE CHAT			✓	✓
PHONE			✓	✓
SUPPORT TICKETS			✓	✓
REVIEWS				
REVIEW SCORE				

OTHER INFORMATION				
IMPLEMENTATION TIMEFRAME	3-12 months		1-6 months	
PRICING		Not Available	Subscription model, price dependent on add ons chosen	



ORACLE®

odoo

EPICOR

NAOLOGIC

## OVERVIEW

## PRODUCT NAME

Oracle Fusion Cloud ERP

Odoo Online

Epicor Kinetic

Naologic Manufacturing ERP

## BUSINESS SECTORS

## DISTRIBUTION



## GOVERNMENT &amp; NPO



## MANUFACTURING



## RETAIL



## SERVICES



## INDUSTRY

## AEROSPACE &amp; 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	✓	✓	✗	✗
MOBILE CAPABILITIES				
ANDROID APP	✗	✓	✓	✗
IOS APP	✗	✗	✓	✗

WEB APP	✗	✗	✓	✓
SYSTEM HOSTING				
CLOUD	✓	✓	✓	✓
INSTALLED ON PREMISE	✗	✗	✓	✓
SUPPORT SERVICES				
ACCOUNT MANAGER	✗	✗	Data currently unavailable. <a href="#">Click here</a> to suggest data for this product	✓
API SUPPORT	✗	✗		✗
EMAIL	✗	✗		✓
IN-SYSTEM	✗	✗		✗
LIVE CHAT	✗	✗		✓
PHONE	✗	✗		✗
SUPPORT TICKETS	✗	✓		✓
REVIEWS				
REVIEW SCORE				

OTHER INFORMATION				
IMPLEMENTATION TIMEFRAME			24 weeks	
PRICING		€19.90/user/month + Apps [Yearly vs. €24.90/user/month paid monthly]	Monthly Subscription starting at \$175 / user	Small business: \$69/user/month, Established business: \$125/user/month, Enterprise: \$189/user/month

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