ELECTRONIC ERP BUYER'S GUIDE

Your complete guide to electronics ERP

GUIDE HIGHLIGHTS

What are the critical electronics ERP features

Statistics on selecting electronics ERP

Creating your ERP vendor shortlist

WHAT'S COVERED?

This guide will help you through the crucial steps to selecting and implementing the best ERP system for your electronics business, including:

3

Core electronics ERP features

4

Advanced electronics ERP features

5

Latest statistics on electronics ERP

6

Top 10 electronics ERP systems
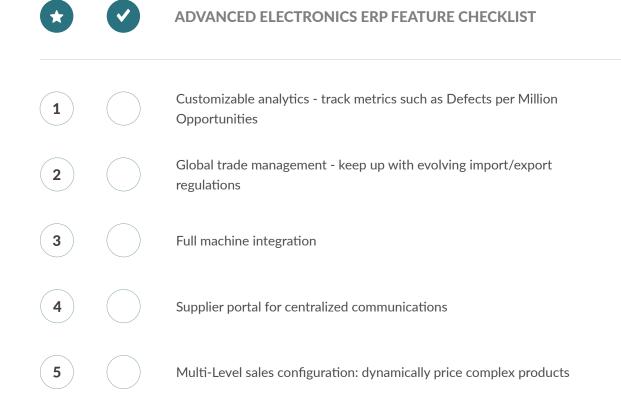
CORE ELECTRONICS ERP FEATURES

Core electronics ERP features focus on inventory, quality control and product turnover. The examples below are common to most electronics ERP projects.

CORE ELECTRONICS ERP FEATURE CHECKLIST

1. Serial/lot number tracking at all component levels

2. Supply chain management

3. Traceability and recall management

4. Quality management

5. Product lifecycle management

6. Real-time inventory by supplier, cost and customer
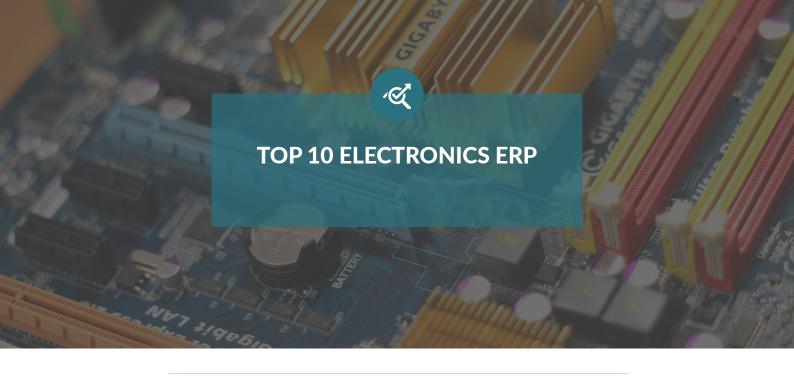
ADVANCED ELECTRONICS ERP FEATURES

These features might increase overall system cost but are worth considering to streamline operations, and might give you an edge on your competitors.

ADVANCED ELECTRONICS ERP FEATURE CHECKLIST

1 Customizable analytics - track metrics such as Defects per Million Opportunities

2 Global trade management - keep up with evolving import/export regulations

3 Full machine integration

4 Supplier portal for centralized communications

5 Multi-Level sales configuration: dynamically price complex products

HOW MUCH DOES ELECTRONICS ERP COST?

$717

In the discrete manufacturing industry, the average budget per user for buying a new ERP is $717. This budget is heavily dependent on system requirements.

SHOULD I CONSIDER CLOUD OR ON-PREMISE ERP?

91%

91% of businesses selecting a new ERP system were open to considering a cloud based solution.

HOW LONG DOES IT TAKE TO SELECT AN ELECTRONICS ERP?

22 WEEKS

The average time taken to select an ERP system is 22 weeks. Electronics manufacturers average expected time period to select and implement their system was six months from the research phase.

TOP 10 ELECTRONICS ERP

1	NetSuite + Oracle	NetSuite ERP
2	SYSPRO	SYSPRO
3	Global Shop Solutions	Global Shop Solutions ERP
4	Epicor	Epicor ERP
5	Infor	Infor M3
6	ECi Software Solutions	ECi M1 ERP
7	abas ERP	abas ERP
8	Blue Link	Blue Link ERP
9	Bizowie	Bizowie ERP
10	Godlan	SyteLine ERP

TOP 10 ELECTRONIC ERP SOFTWARE

ERPFOCUS

	ORACLE + NETSUITE	SYSPRO	Global Shop SOLUTIONS ERP SOFTWARE	EPICOR
OVERVIEW				
PRODUCT NAME	NetSuite ERP	SYSPRO ERP	Global Shop Solutions ERP Software	Epicor ERP
BUSINESS SECTORS				
DISTRIBUTION	✔	✔	✘	✔
GOVERNMENT & NPO	✔	✘	✔	✘
MANUFACTURING	✔	✔	✔	✔
RETAIL	✔	✔	✘	✔
SERVICES	✔	✘	✘	✔
ERP SOFTWARE FEATURES				
BILLING	✔	✔	✔	✔
BUSINESS INTELLIGENCE/ANALYTICS	✔	✔	✔	✔
COSTING	✔	✔	✔	✔

	Col 1	Col 2	Col 3	Col 4
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	✔	✔	✘	✔

	Col 1	Col 2	Col 3	Col 4
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	✔	✔	✔	Data currently unavailable. Click here to suggest data for this product

	Col1	Col2	Col3	Col4
WEB APP	✔	✔	✔	
SYSTEM HOSTING				
CLOUD	✔	✔	✔	✔
INSTALLED ON PREMISE	✘	✔	✔	✘
TRAINING SERVICES				
CLASSROOM		✔		
ON-SITE		✔		
RESOURCE LIBRARY	Data currently unavailable. Click here to suggest data for this product	✔	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product
USER CERTIFICATION		✔		
WEBINARS		✔		
SUPPORT SERVICES				
ACCOUNT MANAGER		✔		
API SUPPORT		✘		
EMAIL		✔		

IN-SYSTEM	Data currently unavailable. Click here to suggest data for this product	✔	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product
LIVE CHAT		✔		
PHONE		✔		
SUPPORT TICKETS		✔		
SUPPORT LOCATIONS				
AFRICA	Data currently unavailable. Click here to suggest data for this product	✔	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product
ANTARCTICA		✘		
ASIA		✔		
AUSTRALIA		✔		
EUROPE		✔		
NORTH AMERICA		✔		
SOUTH AMERICA		✔		
REVIEWS				
REVIEW SCORE				

OTHER INFORMATION				
IMPLEMENTATION TIMEFRAME		24 weeks		
PRICING	$1,188	$200 Cloud/SaaS. Pricing is based on per user, per month, per module. Bundle pricing is available. Minimum 1-year contract, billed and auto-renewed annually. License cost is per user, per module, including an initial license fee and annual license based on percentage of initial license fee.	Not Available	Monthly Subscription starting at $175 / user
TRAINING COSTS				
SUPPORT COSTS				

	Infor	ECi Software Solutions	abas ERP	BLUE LINK
OVERVIEW				
PRODUCT NAME	Infor M3	ECi M1	abas ERP	Blue Link ERP
BUSINESS SECTORS				
DISTRIBUTION	✔	✖	✔	✔
GOVERNMENT & NPO	✔	✖	✖	✖
MANUFACTURING	✔	✔	✔	✖
RETAIL	✔	✖	✔	✔
SERVICES	✖	✖	✔	✖
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	✔	✔	✔	✘

	Col 1	Col 2	Col 3	Col 4
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	✔	✘	✔	✔

	Col 1	Col 2	Col 3	Col 4
WEB APP	✓	✓	✓	✗
SYSTEM HOSTING				
CLOUD	✓	✓	✓	✓
INSTALLED ON PREMISE	✓	✓	✓	✓
TRAINING SERVICES				
CLASSROOM	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	✓	✗
ON-SITE			✓	✓
RESOURCE LIBRARY			✓	✓
USER CERTIFICATION			✗	✗
WEBINARS			✓	✓
SUPPORT SERVICES				
ACCOUNT MANAGER				✗
API SUPPORT				✓
EMAIL				✓

IN-SYSTEM	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	✔
LIVE CHAT				✘
PHONE				✔
SUPPORT TICKETS				✔
SUPPORT LOCATIONS				
AFRICA				✘
ANTARCTICA				✘
ASIA				✘
AUSTRALIA	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product	✘
EUROPE				✘
NORTH AMERICA				✔
SOUTH AMERICA				✘
REVIEWS				
REVIEW SCORE				

OTHER INFORMATION

IMPLEMENTATION TIMEFRAME		3-6 Months	4-7 months	2 - 5 Months
PRICING	Not Available	Not Available	$1,440	$500 per month
TRAINING COSTS				Training costs are built into implementation costs and will vary depending on the complexity of the implementation and number of users.
SUPPORT COSTS				Support is provided on a contract basis - costs will vary depending on contract and number of hours.

	bizowie	G⚙DLAN
OVERVIEW		
PRODUCT NAME	Bizowie Cloud ERP	Infor CloudSuite Industrial (SyteLine) ERP
BUSINESS SECTORS		
DISTRIBUTION	✔	✘
GOVERNMENT & NPO	✘	✘
MANUFACTURING	✔	✔
RETAIL	✔	✘
SERVICES	✘	✘
ERP SOFTWARE FEATURES		
BILLING	✔	✔
BUSINESS INTELLIGENCE/ANALYTICS	✔	✔
COSTING	✔	✔

	Column A	Column B
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	✔	✔

	Column A	Column B
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	✘	✔
TRAINING SERVICES		
CLASSROOM		
ON-SITE		
RESOURCE LIBRARY	Data currently unavailable. Click here to suggest data for this product	Data currently unavailable. Click here to suggest data for this product
USER CERTIFICATION		
WEBINARS		
SUPPORT SERVICES		
ACCOUNT MANAGER		
API SUPPORT		
EMAIL		

IN-SYSTEM

LIVE CHAT

PHONE

SUPPORT TICKETS

SUPPORT LOCATIONS

AFRICA

ANTARCTICA

ASIA

AUSTRALIA

EUROPE

NORTH AMERICA

SOUTH AMERICA

REVIEWS

REVIEW SCORE

Data currently unavailable.
Click here to suggest data for this product

Data currently unavailable.
Click here to suggest data for this product

Data currently unavailable.
Click here to suggest data for this product

Data currently unavailable.
Click here to suggest data for this product

OTHER INFORMATION

IMPLEMENTATION TIMEFRAME	Average mid-market implementation timeframe is 12 weeks from signing a contract to go-live.	2 to 6 months average
PRICING	Pricing is based on active user count and modules utilized. Full ERP pricing starts at $1,000/mo.	$166 per user per month
TRAINING COSTS		
SUPPORT COSTS		

TOP 10 ELECTRONIC ERP SOFTWARE

This guide was written by Tom Feltham and Megan Meade, ERP Focus Editors

For more exclusive ERP advice and resources follow ERP Focus on social media: