

# ELECTRONICS ERP SOFTWARE BUYER'S GUIDE

---

2016 Edition

---

## WHAT'S COVERED?

This guide will help you **answer 6 questions** which are crucial to selecting and implementing the best ERP system for your electronics business, including:

- Which ERP features do you need?
- Which ERP vendors should you consider?
- How much does electronics ERP cost?
- Should I consider cloud or on-premise ERP?
- How long does an electronics ERP project take?
- Which ERP are other electronics companies using?





# WHICH ERP SOFTWARE FEATURES DO YOU NEED?

---

## 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.

-  Serial/lot number tracking at all component levels
-  Supply chain management
-  Traceability and recall management
-  Quality management
-  Product lifecycle management
-  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.

-  Customizable analytics - track metrics such as Defects per Million Opportunities
-  Global trade management - keep up with evolving import/export regulations
-  Full machine integration
-  Supplier portal for centralized communications
-  Multi-Level sales configuration: dynamically price complex products

# WHICH ERP VENDORS SHOULD YOU CONSIDER?

ERP VENDOR	ERP SOFTWARE	BUILT FOR...	MORE INFO
<b>Bacon Software</b>	Bacon Software ERP	PCB fabrication and assembly companies	<a href="#"></a>
<b>Fitrix</b>	Fitrix ERP	small & mid-size electronics manufacturers	<a href="#"></a>
<b>Global Shop Solutions</b>	Global Shop Solutions ERP	electrical device manufacturers	<a href="#"></a>
<b>Infor</b>	Infor CloudSuite	companies looking for a Tier 1 ERP with good UX	<a href="#"></a>
<b>PENTA Software</b>	PENTA Electrical Contracting	electrical contractors	<a href="#"></a>
<b>Plex</b>	Plex Manufacturing Cloud	companies looking for Tier 2 cloud manufacturing ERP	<a href="#"></a>
<b>ProfitKey</b>	Rapid Response Manufacturing ERP	PCB manufacturers, EMS and OEMs	<a href="#"></a>
<b>Prometheus</b>	Prometheus ERP	companies looking to expand SAP	<a href="#"></a>
<b>QAD</b>	QAD Cloud ERP	test equipment, device & component manufacturers	<a href="#"></a>
<b>Rootstock</b>	Rootstock Cloud ERP	companies looking for ERP built on Salesforce	<a href="#"></a>
<b>WorkWise</b>	Workwise ERP	high tech electronics manufacturers	<a href="#"></a>

*Electronics manufacturers also consider Aptean, Oracle, SYSPRO, SAP, Exact and Microsoft Dynamics*





**\$717**

## HOW MUCH DOES ELECTRONICS ERP COST?

---

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. [Research pricing further](#)

**81%**

## SHOULD I CONSIDER CLOUD OR ON-PREMISE ERP?

---

81% of electronics manufacturers surveyed said they were open to the idea of cloud ERP, with only 19% of projects focussing solely on on-premise systems.










**6  
MONTHS**

## HOW LONG DOES AN ELECTRONICS ERP PROJECT TAKE?

---

Electronics manufacturers' average expected time period to select and implement an ERP system was six months from the research phase.

# WHICH ERP DO OTHER ELECTRONICS COMPANIES USE?

COMPANY	ELECTRONICS SECTOR	ERP VENDOR	CASE STUDY
<b>Corsair Electrical Connectors</b>	Aerospace Electronics	Global Shop Solutions	
<b>Daniels Electronics</b>	Communications	SYSPRO	
<b>Sypris Electronics</b>	Contract Manufacturer	Infor	
<b>Firstronic</b>	Electronics Manufacturing Services	Plex	
<b>L&amp;E Solid State</b>	LED Manufacturing	Aptean	
<b>3D Medical Manufacturing</b>	Medical Devices	Infor	
<b>Janos Electronics</b>	Military Electronics	ProfitKey	
<b>Micron Optics</b>	Optical Components	Rootstock	
<b>QuickCable</b>	Power Components	WorkWise	
<b>Saft</b>	Power Components	QAD	
<b>Hemlock Semiconductor</b>	Semiconductor	Prometheus	

Case studies were collected in October 2016. If you would like to submit your own case study please email [editor@convertedmedia.com](mailto:editor@convertedmedia.com)

# ELECTRONICS ERP SOFTWARE BUYER'S GUIDE

---

2016 Edition

---

© Converted Media Limited

Icons made by Freepik, Simpleicon, Flaticon licensed by CC BY 3.0