MANUFACTURING SOFTWARE
DECEMBER 2018
This FrontRunners analysis is a data-driven assessment identifying products in the Manufacturing software market that offer the best capability and value for small businesses. For a given market, products are evaluated and given a score for Usability (x-axis) and User Recommended (y-axis). FrontRunners then plots 10-15 products each on a Small Vendor and an Enterprise Vendor graphic, based on vendor business size, per category.

In the Manufacturing FrontRunners infographic, the minimum qualifying scores were 3.45 for Usability and 3.52 for User Recommended.

To be considered for the Manufacturing FrontRunners, a product needed a minimum of 20 user reviews published within 18 months of the evaluation period. Products needed a minimum user rating score of 3.0 for both Usability and User Recommended.
INTRODUCTION

The minimum score cutoff to be included in the FrontRunners graphic varies by category, depending on the range of scores in each category. No product with a score less than 3.0 in either dimension is included in any FrontRunners graphic. For products included, the Usability and User Recommended scores determine their positions on the FrontRunners graphic.
Manufacturing software helps companies manage orders and schedule production jobs using accurate bills of materials and inventory management to ensure all components are available.

Software Advice’s FrontRunners is focused on the North American Manufacturing software market. We identify this set of core capabilities for the Manufacturing software category: material requirements planning (MRP), manufacturing execution system (MES), quality management and product life cycle management, as well as at least one of the following: configure/price/quote (CPQ), financial management, asset management, human resources (HR), customer relationship management (CRM), business intelligence (BI) and/or supply chain management (SCM).
For each individual rating in both the Usability and User Recommended criteria, the methodology weighs recent reviews more heavily.
# Frontrunners Scores (Small Vendors)

<table>
<thead>
<tr>
<th></th>
<th>Vendor</th>
<th>Total Score</th>
<th>Usability Score</th>
<th>User Recommended Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Expandable</td>
<td>9.57</td>
<td>4.86</td>
<td>4.70</td>
</tr>
<tr>
<td>2</td>
<td>MIE TRAK PRO</td>
<td>9.05</td>
<td>4.51</td>
<td>4.54</td>
</tr>
<tr>
<td>3</td>
<td>Prodsmart</td>
<td>9.38</td>
<td>4.89</td>
<td>4.49</td>
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<tr>
<td>4</td>
<td>Priority Software</td>
<td>8.56</td>
<td>4.17</td>
<td>4.39</td>
</tr>
<tr>
<td>5</td>
<td>E2 Shop System</td>
<td>8.53</td>
<td>4.32</td>
<td>4.21</td>
</tr>
<tr>
<td>6</td>
<td>AIMS360</td>
<td>7.72</td>
<td>3.96</td>
<td>3.77</td>
</tr>
</tbody>
</table>
# Frontrunners Scores
(Enterprise Vendors)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Vendor</th>
<th>Total Score</th>
<th>Usability Score</th>
<th>User Recommended Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>IQMS</td>
<td>8.38</td>
<td>4.13</td>
<td>4.25</td>
</tr>
<tr>
<td>2</td>
<td>Microsoft Dynamics 365</td>
<td>8.15</td>
<td>4.04</td>
<td>4.11</td>
</tr>
<tr>
<td>3</td>
<td>SAP Business One</td>
<td>7.80</td>
<td>3.80</td>
<td>3.99</td>
</tr>
<tr>
<td>4</td>
<td>JobBOSS</td>
<td>7.68</td>
<td>3.87</td>
<td>3.82</td>
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<tr>
<td>5</td>
<td>Epicor ERP</td>
<td>7.27</td>
<td>3.54</td>
<td>3.73</td>
</tr>
<tr>
<td>6</td>
<td>Costpoint 7</td>
<td>6.99</td>
<td>3.46</td>
<td>3.53</td>
</tr>
</tbody>
</table>
RUNNERS UP

1factory
A2000
AccountMate
Acctivate
Acumatica Cloud ERP
Adjutant
ADS Solutions - Accolent ERP
Advanced Supply Chain
AdvancePro
Agility DMSI
Agni Link
Apprise ERP
APTEAN ERP
Aquilon ERP
ARMATURE
ASCTrac WMS
Asprova
Assure
Autodesk PLM 360
Avercast Forecasting Solutions
bcFood
BlueCherry
CATSWeb
Central ERP
Cetec ERP
Cincom CPQ
CIS Configurator
CloudFactoryWorx
ComplianceQuest
Concept EPC
Connected
CONSELF
Cosential
Datacard
Datacor Chempax
DBA Manufacturing
Infor VISUAL
Intellect BPM
Intuitive ERP
IQMS Manufacturing
JustFoodERP
Katana MRP
Kenesto
Lawson M3 Enterprise Management System
Lead Commerce
LillyWorks
LogicBox CRM
Logivations
Made2Manage ERP
MFG/PRO
Microsoft Dynamics SL
MISys Manufacturing
MRPEasy
NGC
NolaPro
Nomad erpCommerce
OASIS by IntelliTek
OfficeBooks
Omono
OnContact CRM 7
Onspring
Oracle E-Business Suite
Oracle SCM Cloud
Ostendo
Paperless Parts
Paragon ERP
PBS Manufacturing
Pentaho
PINpoint
PlanningForce
Poka
PolyPM
ProcessPro Premier
Pronto Xi ERP
ProShop
QDM SPC System
QMCLOUDS
Qooling
QT9 Quality Management Software
VelocityEHS
VERSE
Vital Plant MES Suite
Workloud
WorkWise ERP
XMPro
The FrontRunners methodology assesses and calculates a score for products on two primary dimensions: Usability on the x-axis and User Recommended on the y-axis.

The Usability score is a weighted average of user ratings including:

- End-user ratings of one to five stars on the product’s ease of use.
- End-user ratings of one to five stars on the product’s functionality.

The User Recommended score is an overall weighted average of scores including:

- End-user ratings of one to five stars on how valuable users consider the product to be relative to its price.
- End-user ratings of one to five stars on how likely they are to recommend the product to others.

There are up to two FrontRunners graphics for each market, one Small Vendors and one Enterprise Vendors graphic. The Small Vendors graphic highlights qualifiers from smaller (by employee size) vendors, while the Enterprise Vendors graphic displays qualifiers for larger (by employee size) vendors.
METHODOLOGY BASICS

Markets are defined by a core set of functionality, and to be eligible for FrontRunners, products must offer that core set of functionality. Core functionality required is determined by our research analysts, who provide coverage for and have familiarity with products in that market. Additionally, a product must have at least 20 unique user-submitted product reviews published within 18 months of the start of the analysis period across the three Gartner Digital Markets web properties: softwareadvice.com, capterra.com and getapp.com.

Inclusion in the Small Vendor or Enterprise Vendor FrontRunners graphics is based on vendor employee count. Vendors eligible for the Enterprise Vendor graphic must have more than the median employee count for all vendors in the market, or 100 employees—whichever is greater. Vendors whose employee counts do not meet either of those thresholds qualify for the Small Vendor graphic.

1 In the event fewer than 10 products qualify for either a Small Vendors or Enterprise Vendors FrontRunners graphic, the vendors that do qualify will be combined into a single graphic.