FrontRunners
MANUFACTURING SOFTWARE
June 2017
Gartner
Software Advice™

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INTRODUCTION

This FrontRunners analysis is a data-driven assessment identifying products in the Manufacturing market that offer the best capability and value for small businesses. For a given market, products are evaluated and given a score for the capability (x-axis) and value (y-axis) they bring to users. FrontRunners then plots the top 25-30 products in a quadrant format.

In the Manufacturing FrontRunners graphic, the Capability axis starts at 2.50 and ends at 4.20, while the Value axis starts at 2.30 and ends at 4.30.

To be considered for the Manufacturing FrontRunners, a product needed a minimum of 10 user reviews, a minimum capability user rating score of 3.2 and a minimum value user rating score of 3.4. In most cases, we evaluate hundreds of products and feature 20-25 as FrontRunners; all products that qualify as FrontRunners are top performing products in their market.

INTRODUCTION

Each product falls within a designated quadrant based on their axis scores. Dependent on the specific needs of the software buyer, a product placed in any quadrant category could be a good fit.

QUADRANT CATEGORIES:

- **Upper Right = Leaders:** Leaders are all-around strong products. They offer a wide range of functionality to a wide range of customers. These products are considered highly valuable by customers.

- **Upper Left = Masters:** Masters may focus more heavily on certain key features or market segments than Leaders do. If you need a more specialized set of functionality without bells and whistles, then a product in the Masters quadrant might be right for you.

- **Lower Right = Pacesetters:** Pacesetters may offer a strong set of features, but are not rated as highly on value. For example, a Pacesetter might offer greater functionality, but cost more.

- **Lower Left = Contenders:** Contenders may focus on a more specialized set of capabilities that are priced at a higher point. This makes them ideal for companies willing to pay more for specific features that meet their unique needs.

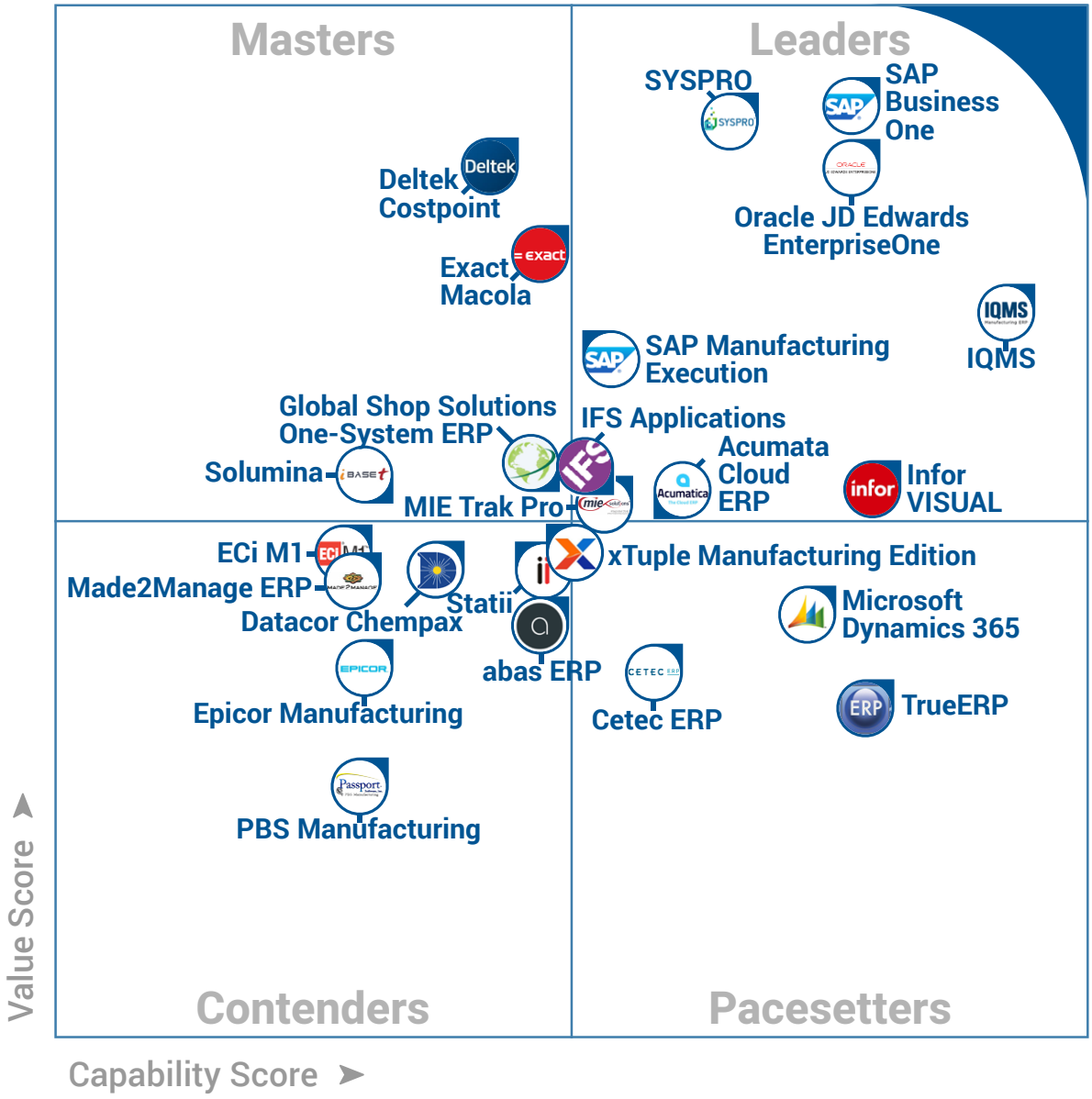
DEFINING MANUFACTURING SOFTWARE

Manufacturing software helps organizations manage the planning and execution of manufacturing processes.

Software Advice's FrontRunners quadrant 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 lifecycle 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)**.

In addition, we identify some related features that organizations purchasing Manufacturing software may also need or wish to consider: sales management, field service management and warehouse management.

THE QUADRANT



All products that qualify as FrontRunners are top performing products in their market.

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SAP BUSINESS ONE
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.88	VALUE	4.26
Capability User Rating	**4.14**	**Value User Rating**	**4.02**
Functionality Breadth	**3.15**	**Adoption Score**	**4.50**
Features	2.40	Customer Base	4.60
Integrations	3.90	Reviews Volume	3.60
Confidence Score	**4.10**	Google Searches	5.00
Customer Base	4.60	Skills Base	4.60
Employee Base	4.00		
Customer Growth	3.90		
Employee Growth	3.90		

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ORACLE JD EDWARDS ENTERPRISEONE

FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.88	VALUE	4.12
Capability User Rating	**3.98**	**Value User Rating**	**3.98**
Functionality Breadth	**3.85**	**Adoption Score**	**4.27**
Features	4.00	Customer Base	4.50
Integrations	3.70	Reviews Volume	3.60
Confidence Score	**3.70**	Google Searches	4.00
Customer Base	4.50	Skills Base	4.50
Employee Base	5.00		
Customer Growth	1.90		
Employee Growth	3.40		

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IQMS
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	4.12	VALUE	3.81
Capability User Rating	**4.28**	**Value User Rating**	**4.06**
Functionality Breadth	**4.25**	**Adoption Score**	**3.55**
Features	3.60	Customer Base	3.30
Integrations	4.90	Reviews Volume	5.00
Confidence Score	**3.65**	Google Searches	3.10
Customer Base	3.30	Skills Base	3.30
Employee Base	2.80		
Customer Growth	4.00		
Employee Growth	4.50		

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SYSPRO
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.69	VALUE	4.22
Capability User Rating	**4.32**	**Value User Rating**	**4.42**
Functionality Breadth	**3.30**	**Adoption Score**	**4.02**
Features	3.60	Customer Base	4.20
Integrations	3.00	Reviews Volume	4.50
Confidence Score	**2.80**	Google Searches	2.80
Customer Base	4.20	Skills Base	4.20
Employee Base	2.70		
Customer Growth	2.50		
Employee Growth	1.80		

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DELTEK COSTPOINT
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: MASTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.23	VALUE	4.12
Capability User Rating	**4.10**	**Value User Rating**	**4.11**
Functionality Breadth	**1.65**	**Adoption Score**	**4.13**
Features	1.50	Customer Base	4.00
Integrations	1.80	Reviews Volume	4.90
Confidence Score	**3.08**	Google Searches	3.30
Customer Base	4.00	Skills Base	4.30
Employee Base	3.40		
Customer Growth	2.50		
Employee Growth	2.40		

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INFOR VISUAL
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.91	VALUE	3.43
Capability User Rating	**4.01**	**Value User Rating**	**3.74**
Functionality Breadth	**4.15**	**Adoption Score**	**3.12**
Features	4.00	Customer Base	3.60
Integrations	4.30	Reviews Volume	1.80
Confidence Score	**3.48**	Google Searches	3.70
Customer Base	3.60	Skills Base	3.00
Employee Base	3.90		
Customer Growth	3.60		
Employee Growth	2.80		

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EXACT MACOLA
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: MASTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.35	VALUE	3.94
Capability User Rating	**4.22**	**Value User Rating**	**4.27**
Functionality Breadth	**2.10**	**Adoption Score**	**3.62**
Features	1.80	Customer Base	4.30
Integrations	2.40	Reviews Volume	1.50
Confidence Score	**2.85**	Google Searches	3.60
Customer Base	4.30	Skills Base	4.00
Employee Base	3.30		
Customer Growth	1.30		
Employee Growth	2.50		

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SAP MANUFACTURING EXECUTION

FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.38	VALUE	3.71
Capability User Rating	**3.49**	**Value User Rating**	**3.56**
Functionality Breadth	**2.75**	**Adoption Score**	**3.87**
Features	1.20	Customer Base	3.70
Integrations	4.30	Reviews Volume	3.10
Confidence Score	**3.80**	Google Searches	4.90
Customer Base	3.70	Skills Base	3.90
Employee Base	4.00		
Customer Growth	3.60		
Employee Growth	3.90		

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MICROSOFT DYNAMICS 365
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: PACESETTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.81	VALUE	3.17
Capability User Rating	**3.95**	**Value User Rating**	**4.04**
Functionality Breadth	**4.20**	**Adoption Score**	**2.30**
Features	3.60	Customer Base	1.80
Integrations	4.80	Reviews Volume	2.40
Confidence Score	**3.13**	Google Searches	4.20
Customer Base	1.80	Skills Base	1.80
Employee Base	4.50		
Customer Growth	5.00		
Employee Growth	1.20		

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MIE TRAK PRO
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.49	VALUE	3.40
Capability User Rating	**4.56**	**Value User Rating**	**4.68**
Functionality Breadth	**2.85**	**Adoption Score**	**2.12**
Features	2.40	Customer Base	1.50
Integrations	3.30	Reviews Volume	4.60
Confidence Score	**2.00**	Google Searches	1.90
Customer Base	1.50	Skills Base	1.60
Employee Base	1.90		
Customer Growth	1.00		
Employee Growth	3.60		

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TRUEERP
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: PACESETTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.90	VALUE	2.97
Capability User Rating	**4.41**	**Value User Rating**	**4.32**
Functionality Breadth	**3.85**	**Adoption Score**	**1.62**
Features	2.80	Customer Base	1.50
Integrations	4.90	Reviews Volume	2.70
Confidence Score	**2.93**	Google Searches	1.00
Customer Base	1.50	Skills Base	1.50
Employee Base	1.30		
Customer Growth	4.60		
Employee Growth	4.30		

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ACUMATICA CLOUD ERP
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.53	VALUE	3.30
Capability User Rating	**4.03**	**Value User Rating**	**4.34**
Functionality Breadth	**2.60**	**Adoption Score**	**2.27**
Features	2.80	Customer Base	2.70
Integrations	2.40	Reviews Volume	1.00
Confidence Score	**3.45**	Google Searches	2.40
Customer Base	2.70	Skills Base	2.40
Employee Base	2.20		
Customer Growth	4.30		
Employee Growth	4.60		

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IFS APPLICATIONS
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: LEADERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.46	VALUE	3.36
Capability User Rating	**3.44**	**Value User Rating**	**3.45**
Functionality Breadth	**3.50**	**Adoption Score**	**3.27**
Features	4.00	Customer Base	3.90
Integrations	3.00	Reviews Volume	1.20
Confidence Score	**3.45**	Google Searches	3.40
Customer Base	3.90	Skills Base	3.60
Employee Base	3.60		
Customer Growth	3.00		
Employee Growth	3.30		

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GLOBAL SHOP SOLUTIONS ONE-SYSTEM ERP

FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: MASTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.33	VALUE	3.37
Capability User Rating	**3.97**	**Value User Rating**	**4.01**
Functionality Breadth	**2.55**	**Adoption Score**	**2.73**
Features	1.80	Customer Base	3.00
Integrations	3.30	Reviews Volume	4.00
Confidence Score	**2.83**	Google Searches	1.00
Customer Base	3.00	Skills Base	2.70
Employee Base	2.40		
Customer Growth	2.80		
Employee Growth	3.10		

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CETEC ERP
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: PACESETTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.57	VALUE	3.03
Capability User Rating	**4.36**	**Value User Rating**	**4.58**
Functionality Breadth	**3.05**	**Adoption Score**	**1.47**
Features	2.80	Customer Base	1.20
Integrations	3.30	Reviews Volume	2.80
Confidence Score	**2.50**	Google Searches	1.00
Customer Base	1.20	Skills Base	1.30
Employee Base	1.20		
Customer Growth	4.60		
Employee Growth	3.00		

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XTUPLE MANUFACTURING EDITION

FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.29	VALUE	3.30
Capability User Rating	**4.49**	**Value User Rating**	**4.75**
Functionality Breadth	**2.45**	**Adoption Score**	**1.85**
Features	2.80	Customer Base	1.90
Integrations	2.10	Reviews Volume	1.60
Confidence Score	**1.73**	Google Searches	1.90
Customer Base	1.90	Skills Base	1.90
Employee Base	1.50		
Customer Growth	1.60		
Employee Growth	1.90		

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ABAS ERP

FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.35	VALUE	3.13
Capability User Rating	**3.73**	**Value User Rating**	**3.63**
Functionality Breadth	**2.45**	**Adoption Score**	**2.63**
Features	2.80	Customer Base	2.80
Integrations	2.10	Reviews Volume	2.10
Confidence Score	**3.48**	Google Searches	1.90
Customer Base	2.80	Skills Base	3.10
Employee Base	2.10		
Customer Growth	4.20		
Employee Growth	4.80		

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STATII
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.21	VALUE	3.27
Capability User Rating	**4.58**	**Value User Rating**	**4.65**
Functionality Breadth	**1.80**	**Adoption Score**	**1.88**
Features	1.80	Customer Base	1.00
Integrations	1.80	Reviews Volume	4.80
Confidence Score	**1.88**	Google Searches	2.50
Customer Base	1.00	Skills Base	1.00
Employee Base	1.00		
Customer Growth	4.50		
Employee Growth	1.00		

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DATACOR CHEMPAX
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.14	VALUE	3.25
Capability User Rating	**4.21**	**Value User Rating**	**4.10**
Functionality Breadth	**1.35**	**Adoption Score**	**2.40**
Features	1.50	Customer Base	2.50
Integrations	1.20	Reviews Volume	2.80
Confidence Score	**2.80**	Google Searches	1.00
Customer Base	2.50	Skills Base	2.80
Employee Base	1.80		
Customer Growth	1.90		
Employee Growth	5.00		

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SOLUMINA
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: MASTERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.03	VALUE	3.33
Capability User Rating	**3.73**	**Value User Rating**	**4.08**
Functionality Breadth	**1.70**	**Adoption Score**	**2.58**
Features	1.00	Customer Base	2.20
Integrations	2.40	Reviews Volume	1.20
Confidence Score	**2.95**	Google Searches	2.50
Customer Base	2.20	Skills Base	3.70
Employee Base	2.50		
Customer Growth	3.40		
Employee Growth	3.70		

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ECI M1
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	2.99	VALUE	3.30
Capability User Rating	**3.77**	**Value User Rating**	**3.61**
Functionality Breadth	**1.80**	**Adoption Score**	**2.98**
Features	2.40	Customer Base	3.40
Integrations	1.20	Reviews Volume	3.30
Confidence Score	**2.63**	Google Searches	1.00
Customer Base	3.40	Skills Base	3.40
Employee Base	3.00		
Customer Growth	1.90		
Employee Growth	2.20		

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MADE2MANAGE ERP
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.01	VALUE	3.23
Capability User Rating	**3.41**	**Value User Rating**	**3.42**
Functionality Breadth	**2.75**	**Adoption Score**	**3.03**
Features	4.00	Customer Base	3.10
Integrations	1.50	Reviews Volume	4.20
Confidence Score	**2.48**	Google Searches	2.80
Customer Base	3.10	Skills Base	2.50
Employee Base	3.10		
Customer Growth	1.80		
Employee Growth	1.90		

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EPICOR MANUFACTURING
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.03	VALUE	3.04
Capability User Rating	**3.47**	**Value User Rating**	**3.43**
Functionality Breadth	**2.75**	**Adoption Score**	**2.65**
Features	4.00	Customer Base	2.10
Integrations	1.50	Reviews Volume	3.40
Confidence Score	**2.45**	Google Searches	3.90
Customer Base	2.10	Skills Base	2.20
Employee Base	3.70		
Customer Growth	1.30		
Employee Growth	2.70		

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PBS MANUFACTURING
FRONTRUNNERS SCORECARD

QUADRANT PLACEMENT: CONTENDERS

The scores below are based on numeric value between 1 and 5.

CAPABILITY	3.02	VALUE	2.79
Capability User Rating	**4.40**	**Value User Rating**	**4.27**
Functionality Breadth	**1.10**	**Adoption Score**	**1.32**
Features	1.20	Customer Base	1.20
Integrations	1.00	Reviews Volume	2.10
Confidence Score	**2.18**	Google Searches	1.00
Customer Base	1.20	Skills Base	1.20
Employee Base	1.60		
Customer Growth	1.00		
Employee Growth	4.90		

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RUNNERS UP

Providers listed as Runners Up were considered for inclusion in the quadrant, but were ultimately not included for one or more reasons: they did not have enough reviews; they did not meet the reviews score minimum; they did not meet the ultimate Value and Capability minimum scores; or they did not meet our functionality requirements for the market.

Ability 585 ERP

Adjutant

Aegis FactoryLogix MES

AIM Vision

AIMS

AMT

Asprova

BatchMaster ERP

bcFood

Cosential

CSB-System

Cybake

DBA Manufacturing

De Facto ERP

Delfoi Planner

DELMIA Ortems Agile Manufacturing

Deskera MRP

Enterprise 21 ERP

Epicor ERP

Epicor Manufacturing Express Edition

ERP MARK 7

ERP123

EVO~ERP

Exact Globe

Exact JobBOSS

Exact MAX

Exact Online

Expandable ERP

FactoryTalk

Fitrix ERP

FORCAM FORCE

Genius Manufacturing

Henning Visual EstiTrack ERP

In-Style ERP

RUNNERS UP

Infor Discrete Manufacturing Essentials

Infor ERP

Infor M3 Enterprise Management System

Infor Process Manufacturing Essentials

InterLink QMS Platform

Intuitive ERP

JOBSCOPE

JustFoodERP

Kenandy Cloud ERP

Kinaxis RapidResponse

Kosmas

LillyWorks

Mestec Cloud MES

MISys Manufacturing

MRPEasy

NetSuite Inventory Management

NetSuite Manufacturing Edition

NGIMES

NolaPro

OASIS by IntelliTek

Oneir

Optessa

Oracle E-Business Suite

Oracle SCM Cloud

Planvisage SCM

PolyPM

Precision Manufacturing

ProcessPro Premier

ProfitFab ERP

PropulsionMRP

QAD Cloud ERP

QT9 Quality Management Software

Rapid Response Manufacturing

Resource Manager DB

Ross - ERP

S2K Enterprise

Sage X3

SAP Anywhere

SAP Business ByDesign

Schedlyzer

SCP 4.0

Sequence Enterprise

Shopfloor-Online

shopVOX

ShopVue

Simio

Slingshot Enterprise Business Suite

SMARTer Manager

SyteLine

Tactic

RUNNERS UP

The Decision Builder

The Plex Manufacturing Cloud

ToolTrack

Turnsmith

WIPtrac

WorkWise ERP

METHODOLOGY BASICS

The FrontRunners methodology assesses and calculates a score for products on two primary dimensions: Capability on the x-axis and Value on the y-axis.

THE CAPABILITY SCORE IS AN OVERALL WEIGHTED AVERAGE OF SCORES INCLUDING:

- End-user ratings of one to five stars on the product's functionality.
- 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 customer support.
- A score, relative to other products in the market, for the product's inclusion of key functionality for the software category.
- A score, relative to other products in the market, representing the number of other products that integrate with it.

THE VALUE SCORE IS AN OVERALL WEIGHTED AVERAGE OF SCORES INCLUDING:

- End-user ratings of one to five stars on overall satisfaction with the product.
- 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.
- A score, relative to other products in the market, for the size of the product's customer base.
- A score, relative to other products in the market, for the number of professionals in the market who have experience with the product (e.g., users, developers, administrators).
- A score, relative to other products in the market, representing the total number of user reviews across the three Gartner web properties.
- A score, relative to other products in the market, representing the average number of times per month internet users search for the product on Google.

METHODOLOGY BASICS

Markets are defined by a core set of functionality, and products considered for, and included in, FrontRunners must offer that core set of functionality. Additional related functionality can contribute to the capability score for a product. To qualify for consideration in a FrontRunners quadrant, a product must have a minimum number of unique, user-submitted product reviews across the three Gartner Digital Markets web properties: softwareadvice.com, capterra.com and getapp.com. The minimum number of reviews required per product may differ by category, but will generally be between 10 and 20 unique reviews.

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