

Robotic Middleware: Market Shares, Strategies, and Forecasts, Worldwide, 2019 to 2025

URL:	https://marketpublishers.com/r/RE8549F52E4EN.html
Date:	June 23, 2019
Pages:	203
Price:	US\$ 4,400.00
ID:	RE8549F52E4EN

LEXINGTON, Massachusetts (June 23, 2019) – WinterGreen Research announces that it has published a new study Robotic Middleware: Market Shares, Strategies, and Forecasts, 2019 to 2025. The 2019 study has 203 pages and 67 tables and figures. Market growth is based on implementation of automated configuration systems and API connectivity automation. Mobile smart phone network connectivity, apps, industry specific applications, and tablet use for mobile computing, Internet apps, cloud computing, and business process management systems (BPM) that support collaboration are all evolving more automated process.

IoT process API components support enterprise innovation and change. Software forms the basis of change. Software API streaming message development tools drive innovation. Mission critical messaging is a key aspect of those aspects of web process making IT flexible and adaptable.

Scale is everything in the era of Clos architecture of the data center and optical transceivers for inside the data center. Data moves at the speed of light around the network inside the data center so scale is important. The charter of mission critical messaging relates to automatically interconnected APIs. Robotic software is used to install the automated APIs to achieve process managed by orchestration. A financial transaction is not something to lose or duplicate. If it gets counted twice, or gets missed, this is not a good system. Smart phones, Internet of Things (IoT), and tablets change the markets for messaging and cloud IT systems implementation. Cloud is increasing the need for mission critical decoupled messaging so that apps can interconnect automatically, bringing data to the desired compute node.

According to Susan Eustis, principal author of the study, “The move to robotic software is a major shift in technology. Middleware has been the first type of software to be automated, sitting as it does between the operating systems and the applications. Robotic automated process has to be built into the systems, replace the earlier, very time consuming and expensive needs for human configuration of systems.

Robotic software supports a move to services based IT systems and more sophisticated cloud computing” The market for Robotic Middleware at \$27.9 billion in 2018 is expected to be worth \$127 billion by 2025. Growth is based on implementation of streaming mobile smart phone network connectivity, tablet use for mobile computing, Internet apps, cloud computing, IoT, and business process management systems (BPM) that support collaboration. 5G processes API components to support technology innovation and change. Software API messaging forms the basis of change. Software API streaming message development tools drive innovation. Middleware robotics improves web processes making IT flexible and adaptable in the cloud.

WinterGreen Research is an independent research organization funded by the sale of market research studies all over the world and by the implementation of ROI models that are used to calculate the total cost of ownership of equipment, services, and software. The company has 35 distributors worldwide, including Global Information Info Shop, Market Research.com, Research and Markets, and electronics.ca. It conducts its business with integrity.

The increasingly global nature of science, technology and engineering is a reflection of the implementation of the globally integrated enterprise. Customers trust wintergreen research to work alongside them to ensure the success of the participation in a particular market segment.

WinterGreen Research supports various market segment programs; provides trusted technical services to the marketing departments. It carries out accurate market share and forecast analysis services for a range of commercial and government customers globally. These are all vital market research support solutions requiring trust and integrity.

Table of Content

Abstract: Robotic Middleware Markets Shift to Support Cloud Computing and Robotic Software

ROBOTIC MIDDLEWARE: EXECUTIVE SUMMARY

Integration, Orchestration, and Management Middleware

Initial List:

Server Operating Systems Market Forecasts

1. ROBOTIC MIDDLEWARE MARKET SHARE DATA

1.1 Middleware Market Driving Forces

1.1.1 Integration and Orchestration Middleware

1.1.2 Red Hat

1.1.3 Major Factors Affecting The Middleware Competitive Landscape:

1.1.4 Major Change Coming with Applications On The WinTel Servers And Mainframes Moving To The Cloud

1.1.5 Enterprise IT Replaced by Robotic Cloud Software Managers

1.1.7 IBM MQ

1.1.8 Fiorano

1.1.9 Mission Critical Messaging Market Dynamics

1.1.10 Impact of IBM/Red Hat Merger

1.2 Robotic Software Mission Critical Messaging As A New Base For Secure Application Integration

1.3 Mission Critical Messaging Market Dynamics

1.3.1 Application Platforms for Line of Business Applications

1.3.2 Mission Critical Messaging and Systems Integration Market Definition: Mission Critical Messaging and Systems Integration

1.4 Mission Critical Messaging and Systems Integration Middleware Market Shares

1.5 Mission Critical Messaging and Systems Integration Market Forecasts

1.5.1 IBM Open Systems Hybrid Cloud

1.6 Mission Critical Middleware Depends on Decoupled Messaging

1.6.1 Superior Application Middleware Delivers Enterprise Agility

1.7 Mission Critical Messaging Market Forecasts

1.7.1 Mission Critical Messaging Growth Factors

1.7.2 Data and Message Transformation

2. CONTENT SERVICES EVENT-DRIVEN MIDDLEWARE

2.1 Content Services Event-Driven Middleware

2.2 Event-Driven Middleware Market Shares

2.3 Event-Driven Middleware

2.4 OpenText Content Middleware

2.4.1 OpenText Platform

- 2.4.2 Microsoft's CSP is SharePoint
- 2.4.3 Content Services Middleware Companies
- 2.4.4 Content Middleware Applications Sectors

3. BUSINESS RULES MANAGEMENT SYSTEMS

- 3.1 Business Rules Management Systems Market Definition
- 3.2 BPM Market Shares
- 3.3 BPM Market Driving Forces
 - 3.3.1 Automation of Business Process
 - 3.3.2 Linked BPM
- 3.4 Business Process Management Market Driving Forces
 - 3.4.1 BPM Market Driving Forces
 - 3.4.2 Cloud And Mobile Computing Redefine BPM
 - 3.4.3 Innovation Drives Markets

4. SOFTWARE-DEFINED STORAGE CONTROL SOFTWARE

- 4.1 Software-Defined Storage Description
- 4.2 Software-Defined Storage Market Shares
- 4.3 Worldwide Enterprise Storage Market Grew 34.4% during the First Quarter of 2018

5. CONTAINER INFRASTRUCTURE SOFTWARE

- 5.1 Container Infrastructure Software Description
- 5.2 Container Infrastructure Software Market Shares
 - 5.2.1 Cloud Model For Consuming And Delivering Business And IT Services
 - 5.2.2 Companies and the Race to 5G.
- 5.3 Containers As A Base For Secure Application Integration
 - 5.3.1 Big Four Cloud Providers:
 - 5.3.2 Type Of Customer Buying These Products
- 5.4 Componentization
 - 6.6.1 Line of Business Loses Control Of Hardware Servers
 - 6.6.2 Advantages of Mega Data Center Cloud 2.0: Multi-Threading
 - 6.6.3 Advantages of Mega Data Center Cloud 2.0: Scale
 - 6.6.4 Infrastructure Scale
 - 6.6.5 IBM MQ on AWS Cloud Orchestration
 - 6.6.6 IBM Strategy Volatility Of The Information Technology

R

7 SERVER OPERATING SYSTEMS

- 7.1 Server Operating Systems Market Description
- 7.2 Server Operating Systems Market Shares
- 7.3 Mega Data Center Markets Orchestration Software
 - 7.3.1 Server Operating Systems Market Forecasts

8 APPLICATION SERVER

- 8.1 Application Server Market Description
 - 8.1.1 Application Server Market Description
 - 8.1.2 Application Server Market Shares
 - 8.1.3 Application Server Market Forecasts
 - 8.1.4 Regional Analysis:
 - 8.1.5 IBM/Red Hat Application Server Strategy

- 8.1.6 Linux Open Source OS Distros
- 8.1.7 On-Premises Application Integration Suites

9 APPLICATION INTEGRATION SUITES

- 9.1 IBM Hybrid Cloud

10 . MANAGED FILE TRANSFER INTEGRATION

- 10.1 Managed File Transfer Market Shares
- 10.2 Managed File Transfer Market Forecasts

11. ORGANIZATIONAL COLLABORATION MESSAGING

- 11.1 Business Collaboration Messaging Market Shares
- 11.2 Business Collaboration Messaging Market Forecasts

12 MARKET ANALYSIS

- 12.1 Red Hat and IBM Market Differentiation
 - 12.1.1 Red Hat and IBM Competitors Different in Each Market
- 12.2 IBM vs. Red Hat:
- 12.3 Red Hat
 - 12.3.1 Microservices Provide Cloud Integration
- 12.4 Customer Switch to Competitors of Red Hat and IBM
 - 12.4.1 Red Hat and IBM Capacity Constrains
 - 12.4.2 Red Hat and IBM Customer Size
 - 12.4.3 Red Hat and IBM Market Characterization
 - 12.4.4 Red Hat and IBM Innovation and Competitive Investment in each Market
 - 12.4.5 Middleware Products From RedHat
- 12.5 Integration and Orchestration Software Categories
- 12.6 Mainframe Definition
 - 12.6.1 IBM's Plans To Rationalize Overlapping And Competing Technologies Cloud Foundry
 - 12.6.2 IBM competing with Red Hat to Bring Innovation to Middleware
 - 12.6.3 Middleware Investment in R&D
 - 12.6.4 IBM MQ Enterprise Grade Deployment Supports IBM Substantial Commitment Hardened Feature Rich Systems
- 12.7 IBM Proprietary Mainframe OS
- 12.8 Application Servers, Web Servers Types of Middleware
- 12.9 Middleware Innovation Tools and Process
- 12.10 IBM and Red Hat Research and Development: Problems to Solve
- 12.11 After Acquisition of RedHat (and RedHat's technology), IBM Middleware Not Offering Competition to Oracle in the Application Platform Software Market
- 12.12 Advantages of Combined IBM/RedHat Product over Oracle Middleware Offering
- 12.13 Could Businesses/Customers Which Currently Use IBM WebSphere Feasibly Switch to Oracle if IBM Becomes More Expensive Or Its Quality Deteriorated?
- 12.14 Is There Any Product Alternative For Customers To Switch To?
- 12.15 Apache as a Competitive Alternative to RedHat in terms of Open Source middleware
 - 12.15.1 IBM and RedHat Products in the BPM and Decision Management segments
 - 12.15.2 Type of Middleware for BPM and Decision Management Systems: Business-to-Business
- 12.16 IBM

13 RED HAT

- 13.2.1 Red Hat Infrastructure-Related Offerings

- 13.2.2 Application Development-related and Other Emerging Technology Offerings
- 13.2.3 Red Hat Subscription Business Model
- 13.2.4 Red Hat Enterprise Linux

14. STRONGEST COMPETITORS IN MIDDLEWARE

15. CANONICAL

16. MICROSOFT

17. PEGASYSTEMS

18. OPENTEXT

19. CITRIX

20. SLACK TECHNOLOGIES COLLABORATION MESSAGING

WINTERGREEN RESEARCH,

WinterGreen Research Methodology
WinterGreen Research Process
Market Research Study
WinterGreen Research Global Market Intelligence Company

LIST OF FIGURES

Abstract: Middleware Markets Shift to Support Cloud Computing and robotic Software

Figure 1. Systems Integration, Managed Message Delivery Market Shares, Dollars, Worldwide, 2018

Figure 2. Middleware Includes

Figure 3. Server Operating Systems Market Forecasts, Dollars and Percent Growth, 2019-2025

Figure 4. Integration and Orchestration Middleware Foundation Markets:

Figure 5. Major Factors Affecting The Middleware Competitive Landscape:

Figure 6. Middleware Management Framework:

Figure 7. IBM Microservices Foundation Business, Infrastructure, and Data Information Architecture

Figure 8. Messaging Middleware Messaging Trends

Figure 9. Mission Critical Messaging Market Dynamics

Figure 10. Mission Critical Messaging As A Base For Integration Software Provides A Base For Application Connectivity

Figure 11. Mission Critical Messaging Market Dynamics

Figure 12. Systems Integration, Mission Critical Messaging Market Shares, Dollars, Worldwide, 2018

Figure 13. Systems Integration, Managed Message Delivery Market Shares, Dollars, Worldwide, 2018

Figure 14. Mission Critical Messaging and Systems Integration Functions

Figure 15. Kafka API Message Streaming Platform

Figure 16. Messaging Middleware Market Driving Forces

Figure 17. Middleware Messaging Market Factors

Figure 18. Mission Critical Messaging and Micro Services Market Driving Forces⁴⁹

Figure 19. Systems Integration, Managed Message Delivery Market Shares, Dollars, Worldwide, 2018

Figure 20. Middleware Messaging Applications Market Segments, Dollars, Worldwide, 2019-2025

Figure 21. Middleware Messaging Market Totals, Dollars, Worldwide, 2019-2025

Figure 22. Middleware Messaging Market Totals, Dollars, Worldwide, 2019-2025

Figure 23. Mission Critical Messaging Growth Factors

Figure 24. Mission Critical Messaging Benefits

Figure 25. Messaging Middleware Market Components

Figure 26. Acquisition by HCL of IBM's Collaboration And Experience Software Products

- Figure 27. HCL Seeks To Develop Integrated Capabilities for Newly Acquired Customer Base
- Figure 28. CSPs Web, Desktop And Mobile App Interfaces
- Figure 29. Event-Driven Middleware Market Shares, Dollars, Worldwide, 2018
- Figure 30. Content Middleware Applications Sectors
- Figure 31. Business Process Management Middleware Market Shares, Dollars, Worldwide, 2006 to 2014
- Figure 32. Business Process Management Middleware Market Shares, Dollars, Worldwide, 2015 to 2018
- Figure 33. BPM Market Driving Forces
- Figure 34. BPM Functions
- Figure 35. BPM Process
- Figure 36. Business Process Management Market Driving Forces
- Figure 37. Comparative Value of Innovation
- Figure 38. Red Hat JBoss BPM Suite Functions
- Figure 39. Software-Defined Storage (SDS) Functions
- Figure 40. Software-Defined Storage Middleware Market Shares, Market Shares Dollars, Worldwide, 2018
- Figure 41. Software Defined Storage Middleware By Segments, Dollars, Worldwide, 2019-2025
- Figure 42. Container and Virtualization Middleware Market Shares Dollars, Worldwide, 2018
- Figure 43. Private Cloud Attributes
- Figure 44. Private Cloud Computing Model Characteristics
- Figure 45. Red Hat OpenStack Platform Functions
- Figure 46. Containers As A Base For Integration Software Provides A Base For Application Connectivity
- Figure 47. Integration Functions
- Figure 48. Key Challenges of Enterprise IT Datacenters:
- Figure 49. Multi-threading Manages Pathways From One Node To Another Node
- Figure 50. Google Mega Data Center Scale
- Figure 51. Advantages of Google Mega Data Center Scale
- Figure 52. Key Advantage of Cloud 2.0 Mega IT Datacenters:
- Figure 53. Server and PC Operating Systems Market Shares, Dollars, Worldwide, 2018
- Figure 54. Server and PC Operating Systems Market Shares, Shipments, Units, Worldwide, 2018
- Figure 55. Linux Operating System Market Shares, Shipment Dollars, Worldwide, 2018
- Figure 56. Server Operating Systems Market Forecasts, Dollars and Percent Growth, 2019-2025
- Figure 57. Application Server Market Shares, Dollars, Worldwide, 2018
- Figure 58. Application Server Market Forecasts, Dollars and Percent Growth, 2019-2025
- Figure 59. IBM Application Integration Suite Functions
- Figure 60. Managed File Transfer, Transaction Processing Middleware Software Market Shares, Market Shares Dollars, Worldwide, 2018
- Figure 61. Managed File Transfer Market Forecasts, Dollars and Percent Growth, 2019-2025
- Figure 62. Principal Competitive Factors In Organizational Collaboration Messaging Markets:
- Figure 63. Business Collaboration Messaging Market Shares
- Figure 64. Business Collaboration Messaging Market Forecasts
- Figure 65. Red Hat Enterprise Linux Tailored Solutions:
- Figure 66. Slack Technologies Worldwide
- Figure 67. Slack Technologies Metrics

I would like to order:

Product name: Robotic Middleware: Market Shares, Strategies, and Forecasts, Worldwide, 2019 to 2025
Product link: <https://marketpublishers.com/r/RE8549F52E4EN.html>
Product ID: RE8549F52E4EN
Price: US\$ 4,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service: office@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click 'BUY NOW' button on product page <https://marketpublishers.com/r/RE8549F52E4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
E-mail:
Company:
Address:
City:
Zip/Post Code:
Country:
Tel:
Fax:
Your message:

* All fields are required

Customer Signature _____

Please, note that by ordering from MarketPublisher.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms_conditions.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to **+44 20 7900 3970**