Complex Event Processing Market by Application (Fraud detection, Algorithmic Trading, Dynamic pre-trade analytics), Service (Consulting, Installation and Maintenance), Deployment, Vertical, User type, Region - Global Forecast to 2020

Description:
The rising adoption of device-based computing is the driving force of Complex Event Processing (CEP) market.
The market is estimated to grow from USD 1.28 billion in 2015 to USD 4.95 billion by 2020, at an estimated Compound Annual Growth Rate (CAGR) of 31.1%. Adoption of device-based computing, potential growth in demand for enterprise data, increase in requirement for compliance and verification, lesser data processing time by linking Service Oriented Architecture (SOA) and Event Driven Architecture (EDA) during deployment, personalization of technology, and increase in demand for client-oriented analytical tools are some of the prominent factors driving the adoption of CEP applications and services.
Asia-Pacific (APAC) is expected to grow at the highest CAGR for CEP applications.
Governance, risk, and compliance application is estimated to contribute the largest market share for the application market during the forecast period due to rising demand for enterprise systems. On-premise based CEP is the largest contributor than the cloud-based CEP but the latter is expected to surpass the former due to the higher adoption rate of cloud technologies. Managed services segment in the services segment is expected to grow at a highest CAGR during the forecast period.
To determine the market size of various segments and sub-segments of the CEP market extensive, secondary research is done. The collected data were then verified through primary interviews. Distribution of primary interviews is as follows:-
By Designation: - C-level -40%, Director level-30%, and others -30%
By Company Type: - Tier 1- 35%, Tier 2- 40% and Tier 3 -25%
By Region: - North America- 40%), Europe -25%, APAC-20%, and Rest of World - 15%
Note: *Others include CEP managers, marketing managers, and product managers.
Note: Tier 1 companies have revenues more than USD 10 billion, Tier 2 companies range in between USD 1 and 10 billion or overall revenues, and Tier 3 companies range between USD 500 million and USD 1 billion of overall revenues.

Big data tools and analytics are increasingly contributing to the increasing popularity of CEP. Modern enterprises are becoming more and more data oriented. They rely too much on their enterprise data for business decision making. Enterprises nowadays generate huge volume of data every day, whether it is customer relationship management, transaction processing system, supply chain management, or any other enterprise grade system. The growth of enterprise data is expected to grow massively in the upcoming years, increasing the demand for fast complex event processing tools. Moreover, IoT-based solutions, where high volume of data gets generated every second, will foster the adoption rate of complex event processing software in the upcoming years.

Various key players in the CEP market profiled in the report are IBM Corporation; SAP SE; Oracle Corporation; TIBCO Software Inc.; SAS Institute, Inc.; Informatica Corporation; WSO2, Inc.; Nastel Technologies, Inc.; Red Hat, Inc.; Software AG; and EsperTech, Inc.
The report will help the market leaders/new entrants in this market in the following ways:
1. This report segments the CEP market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the sub-segments across end-users and regions.
2. The report will help stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.
3. This report will help in understanding the competitors better and gain more insights to strengthen their position in the business. The competitive landscape section includes competitor ecosystem, new product developments, partnerships, and mergers and acquisitions.

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Data
  2.1.1 Secondary Data
  2.1.2 Primary Data
2.2 Market Size Estimation
  2.2.1 Bottom-Up Approach
  2.2.2 Top Down Approach
2.3 Market Breakdown and Data Triangulation
2.4 Assumptions

3 Executive Summary

4 Premium Insights
  4.1 Attractive Market Opportunities in the Complex Event Processing Market
  4.2 CEP Market: Top Three Applications
  4.3 CEP Market: Top Three Applications and Regions
  4.4 Global CEP Market Vertical, By Region (2020)
  4.5 Global CEP Market, By Region (2015)
  4.6 Product Growth Matrix
  4.7 Life Cycle Analysis, By Region, 2015

5 Market Overview
  5.1 Introduction
  5.2 Evolution
  5.3 Market Segmentation
    5.3.1 By Application
    5.3.2 By Vertical
    5.3.3 By Service
    5.3.4 By User Type
    5.3.5 By Deployment Type
    5.3.6 By Region
  5.4 Market Dynamics
    5.4.1 Drivers
    5.4.2 Restraints
    5.4.3 Opportunities
    5.4.4 Challenges

6 Complex Event Processing Market: Industry Trends
  6.1 Introduction
  6.2 CEP Architecture
  6.3 Value Chain Analysis
  6.4 Porter's Five Forces Analysis
    6.4.1 Threat of New Entrants
    6.4.2 Threat of Substitutes
    6.4.3 Bargaining Power of Suppliers
    6.4.4 Bargaining Power of Buyers
    6.4.5 Intensity of Competitive Rivalry
  6.5 Industry Standards and Regulations
    6.5.1 Introduction
    6.5.2 Gramm-Leach-Bliley Act (GLBA)
    6.5.3 Health Insurance Portability and Accountability Act (HIPAA)
    6.5.4 Payment Card Industry Data Security Standard (PCI DSS)
  6.6 Innovation Spotlight

7 Complex Event Processing Market Analysis, By Application
  7.1 Introduction
  7.2 Algorithmic Trading
7.3 Electronic Transaction Monitoring
7.4 Dynamic Pre-Trade Analytics
7.5 Data Enrichment
7.6 Fraud Detection
7.7 Governance, Risk, and Compliance (GRC)
7.8 Asset Management and Predictive Scheduling
7.9 Geo-Fencing and Geospatial Analysis
7.10 Others

8 Complex Event Processing Market Analysis, By Deployment Model
8.1 Introduction
8.2 Cloud
8.3 On-Premise

9 Complex Event Processing Market Analysis, By Service Type
9.1 Introduction
9.2 Consulting
9.3 Installation and Maintenance
9.4 Training and Support
9.5 Managed Services

10 Complex Event Processing Market Analysis, By User Type
10.1 Introduction
10.2 Small and Medium Enterprise (SME)
10.3 Large Enterprise

11 Complex Event Processing Market Analysis, By Vertical
11.1 Introduction
11.2 Banking, Financial Services, and Insurance (BFSI)
11.3 Transportation and Logistics
11.4 Healthcare
11.5 IT and Telecommunication
11.6 Retail
11.7 Energy and Utilities
11.8 Manufacturing
11.9 Government and Aerospace & Defense
11.10 Others

12 Geographic Analysis
12.1 Introduction
12.2 North America
12.3 Europe
12.4 Asia-Pacific (APAC)
12.5 Middle East and Africa (MEA)
12.6 Latin America

13 Competitive Landscape
13.1 Overview
13.2 Competitive Situations and Trends
   13.2.1 Agreements, Partnerships, Collaborations, Joint Ventures, and Business Expansions
   13.2.2 New Product Launches
   13.2.3 Mergers and Acquisitions
   13.2.4 Venture Capital Funding

14 Company Profiles
(Overview, Products & Services, Strategies & Insights, Developments and MnM View)*
14.1 Introduction
14.2 International Business Machines Corporation
14.3 SAP SE
14.4 Oracle Corporation
14.5 Tibco Software Inc.
14.6 SAS Institute, Inc.
14.7 Informatica Corporation
14.8 WSO2, Inc.
14.9 Nastel Technologies, Inc.
14.10 Red Hat, Inc.
14.11 Software AG
14.12 Espertech, Inc.

*Details on Overview, Products & Services, Strategies & Insights, Developments and MnM View Might Not Be Captured in Case of Unlisted Companies.

15 Appendix
15.1 Insights From Industry Experts
15.2 Discussion Guide
15.3 Available Customizations
15.4 Related Reports

List of Tables

Table 1 Global Complex Event Processing Market Size and Growth, 2013-2020 (USD Billion, Y-O-Y %)
Table 2 Global CEP Market Size, By Component, 2013-2020 (USD Million)
Table 3 Global CEP Market Size, By Application, 2013-2020 (USD Million)
Table 4 Applications: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 5 Algorithmic Trading: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 6 Electronic Transaction Monitoring: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 7 Dynamic Pre-Trade Analytics: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 8 Data Enrichment: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 9 Fraud Detection: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 10 Governance, Risk, and Compliance : CEP Market Size, By Region, 2013-2020 (USD Million)
Table 11 Asset Management and Predictive Scheduling: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 12 Geo-Fencing and Geospatial Analysis : CEP Market Size, By Region, 2013-2020 (USD Million)
Table 13 Others: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 14 Global Complex Event Processing Market Size, By Deployment Model, 2013-2020 (USD Million)
Table 15 Cloud-Based Deployment: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 16 On-Premise:CEPmarketsize, By Region, 2013-2020 (USD Million)
Table 17 Global CEP Market Size, By Service Type, 2013-2020 (USD Million)
Table 18 Service Type: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 19 Consulting: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 20 Installation and Maintenance: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 21 Training and Support: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 22 Managed Services: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 23 SME: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 24 Large Enterprise: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 25 Global Complex Event Processing Market, By Vertical, 2013-2020 (USD Million)
Table 26 BFSI: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 27 Transportation and Logistics: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 28 Healthcare: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 29 IT and Telecommunication: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 30 Retail: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 31 Energy and Utilities: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 32 Manufacturing: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 33 Government and Aerospace & Defense: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 34 Others: CEP Market Size, By Region, 2013-2020 (USD Million)
Table 35 Global Complex Event Processing Market Size, By Region, 2013-2020 (USD Million)
Table 36 North America: CEP Market Size, By Component, 2013-2020 (USD Million)
Table 37 North America: CEP Market Size, By Application, 2013-2020 (USD Million)
Table 38 North America: CEP Market Size, By Deployment Model, 2013-2020 (USD Million)
Table 39 North America: CEP Market Size, By Service Type, 2013-2020 (USD Million)
Table 40 North America: CEP Market Size, By User Type, 2013-2020 (USD Million)
Table 41 North America: CEP Market Size, By Vertical, 2013-2020 (USD Million)
Table 42 Europe: CEP Market Size, By Component, 2013-2020 (USD Million)
Table 43 Europe: CEP Application Market Size, By Application, 2013-2020 (USD Million)
Table 44 Europe: CEP Market Size, By Deployment Model, 2013-2020 (USD Million)
Table 45 Europe: CEP Market Size, By Service Type, 2013-2020 (USD Million)
Table 46 Europe: CEP Market Size, By User Type, 2013-2020 (USD Million)
Table 47 Europe: CEP Market Size, By Vertical, 2013-2020 (USD Million)
Table 47 Europe: CEP Market Size, By User Type, 2013-2020 (USD Million)
Table 48 Europe: CEP Market Size, By Vertical, 2013-2020 (USD Million)
Table 49 Asia-Pacific: CEP Market Size, By Component, 2013-2020 (USD Million)
Table 50 Asia-Pacific: CEP Market Size, By Application, 2013-2020 (USD Million)
Table 51 Asia-Pacific: CEP Market Size, By Deployment Model, 2013-2020 (USD Million)
Table 52 Asia-Pacific: CEP Market Size, By User Type, 2013-2020 (USD Million)
Table 53 Asia-Pacific: CEP Market Size, By Service Type, 2013-2020 (USD Million)
Table 54 Asia-Pacific: CEP Market Size, By Vertical, 2013-2020 (USD Million)
Table 55 Middle East and Africa: CEP Market Size, By Component, 2013-2020 (USD Million)
Table 56 Middle East and Africa: CEP Market Size, By Application, 2013-2020 (USD Million)
Table 57 Middle East and Africa: CEP Market Size, By Deployment Model, 2013-2020 (USD Million)
Table 58 Middle East and Africa: CEP Market Size, By User Type, 2013-2020 (USD Million)
Table 59 Middle East and Africa: CEP Market Size, By Service Type, 2013-2020 (USD Million)
Table 60 Middle East and Africa: CEP Market Size, By Vertical, 2013-2020 (USD Million)
Table 61 Latin America: CEP Market Size, By Component, 2013-2020 (USD Million)
Table 62 Latin America: CEP Market Size, By Application, 2013-2020 (USD Million)
Table 63 Latin America: CEP Application Market Size, By Deployment Model, 2013-2020 (USD Million)
Table 64 Latin America: CEP Application Market Size, By User Type, 2013-2020 (USD Million)
Table 65 Latin America: CEP Market Size, By Service Type, 2013-2020 (USD Million)
Table 66 Latin America: CEP Market Size, By Vertical, 2013-2020 (USD Million)
Table 67 Agreements, Partnerships, Collaborations, Joint Ventures, and Business Expansions, 2012-2015
Table 68 New Product Launches, 2012-2015
Table 69 Mergers and Acquisitions, 2012-2015
Table 70 VC Funding, 2012-2015

List of Figures

Figure 1 Global Complex Event Processing Market: Research Design
Figure 2 Market Size Estimation Methodology: Bottom-Up Approach
Figure 3 Market Size Estimation Methodology: Top-Down Approach
Figure 4 Market Breakdown and Data Triangulation
Figure 5 Global CEP Market, By Application (2015 vs 2020)
Figure 6 Global CEP Market, By Service (2015 -2020)
Figure 7 Global CEP Market, By Vertical (2015-2020)
Figure 8 Global CEP Market Share: North America is Expected to Hold the Largest Market Share in 2015
Figure 9 Emerging Economies Would Offer Attractive Market Opportunities in the CEP Market During the Forecast Period (2015-2020)
Figure 10 Algorithmic Trading, Fraud Detection, and Governance, Risk and Compliance are Expected to Be the Major Share Holders in the CEP Market During the Forecast Period (2015-2020)
Figure 11 North America Holds the Largest Market Share Among All the Regions in the CEP Market in 2015
Figure 12 North America is Expected to Have the Largest Market Share Across Most Verticals in 2020
Figure 13 Asia-Pacific is Expected to Grow at the Highest CAGR During the Forecast Period (2015-2020)
Figure 14 Complex Event Processing Market Growth Matrix, By Application During the Forecast Period (2015-2020)
Figure 15 Europe and Asia-Pacific are Expected to Show Exponential Growth During the Forecast Period(2015-2020)
Figure 16 Evolution of the CEP Market
Figure 17 CEP Market Segmentation: By Application
Figure 18 CEP Market Segmentation: By Vertical
Figure 19 CEP Market Segmentation: By Service
Figure 20 CEP Market Segmentation: By User Type
Figure 21 CEP Market Segmentation: By Region
Figure 22 CEP Market: Drivers, Restraints, Opportunities, and Challenges
Figure 23 CEP Architecture
Figure 24 Value Chain Analysis: Complex Event Processing Market
Figure 25 Porter's Five Forces Analysis (2015): Availability of Substitute Vendors has Increased the Value of CEP Applications
Figure 26 Governance, Risk, and Compliance is Expected to Hold the Largest Market Share During the Forecast Period (2015-2020)
Figure 27 North America is Expected to Dominate the Application Segment During the Forecast Period (2015-2020)
Figure 28 Asia-Pacific is Expected to Grow at the Highest CAGR for Algorithmic Trading During the Forecast
Period (2015-2020)
Figure 29 Asia-Pacific is Expected to Be the Fastest-Growing Region for Electronic Transaction Monitoring During the Forecast Period (2015-2020)
Figure 30 Cloud Deployment is Expected to Grow at the Highest CAGR During the Forecast Period (2015-2020)
Figure 31 Asia-Pacific is Expected to Be the Fastest-Growing Region for Cloud Deployment During the Forecast Period (2015-2020)
Figure 32 North America is Expected to Hold the Largest Market Share in On-Premise Deployment During the Forecast Period (2015-2020)
Figure 33 Managed Services Expected to Grow at the Highest CAGR During the Forecast Period (2015-2020)
Figure 34 Asia-Pacific is the Fastest-Growing Region for Managed Services in the CEP Market During the Forecast Period (2015-2020)
Figure 35 Small and Medium Enterprise is the Fastest-Growing User Type in the CEP Market During the Forecast Period (2015-2020)
Figure 36 Large Enterprise is Expected to Dominate the CEP Market During the Forecast Period (2015-2020)
Figure 37 BFSI, IT and Telecommunication, and Retail Will Continue to Dominate the CEP Market During the Forecast Period (2015-2020)
Figure 38 Geographic Snapshot: Asia-Pacific is Expected to Emerge as A New Hotspot for the CEP Market in 2020
Figure 39 Emerging Nations in Asia-Pacific Expected to Boost the Growth of the Complex Event Processing Market During the Forecast Period (2015-2020)
Figure 40 Asia-Pacific Expected to Be the Fastest-Growing Region in the CEP Market During the Forecast Period (2015-2020)
Figure 41 North America Market Snapshot
Figure 42 Governance, Risk, and Compliance Application is Expected to Have the Largest Market Size in Europe During the Forecast Period
Figure 43 Asia-Pacific Market Snapshot
Figure 44 Companies Adopted New Product Launches as the Key Growth Strategies During the Period 2012-2015
Figure 45 Product Mix of Top Companies from 2012 to 2015
Figure 46 Market Evaluation Framework: Significant Number of Partnerships, Agreements, Collaborations, and Business Expansions Have Fueled the Growth From 2012 to 2015
Figure 47 Battle for Market Share: Partnerships, Agreements, Collaborations, and Business Expansions Were the Key Strategies During the Forecast Period
Figure 48 Geographic Revenue Mix of Top 4 Market Players
Figure 49 IBM Corporation: Company Snapshot
Figure 50 IBM Corporation: SWOT Analysis
Figure 51 SAP SE: Company Snapshot
Figure 52 SAP SE: SWOT Analysis
Figure 53 Oracle Corporation: Company Snapshot
Figure 54 Oracle Corporation: SWOT Analysis
Figure 55 Tibco Software Inc.: SWOT Analysis
Figure 56 SAS Institute, Inc.: Company Snapshot
Figure 57 SAS Institute, Inc.: SWOT Analysis
Figure 58 Informatica Corporation: Company Snapshot
Figure 59 Red Hat, Inc.: Company Snapshot
Figure 60 Software AG: Company Snapshot

Ordering:  
Order Online - [http://www.researchandmarkets.com/reports/3616997/](http://www.researchandmarkets.com/reports/3616997/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Complex Event Processing Market by Application (Fraud detection, Algorithmic Trading, Dynamic pre-trade analytics), Service (Consulting, Installation and Maintenance), Deployment, Vertical, User type, Region - Global Forecast to 2020

Web Address: http://www.researchandmarkets.com/reports/3616997/
Office Code: SCBRLV77

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td>☐</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td>☐</td>
<td>USD 8500</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td>☐</td>
<td>USD 9650</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td>☐</td>
<td>USD 11000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: ________________________  Mr ☐  Mrs ☐  Dr ☐  Miss ☐  Ms ☐  Prof ☐
First Name: ____________________________  Last Name: ____________________________
Email Address: * ____________________________
Job Title: ____________________________
Organisation: ____________________________
Address: ____________________________
City: ____________________________
Postal / Zip Code: ____________________________
Country: ____________________________
Phone Number: ____________________________
Fax Number: ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World