

Global Anomaly Detection Market Research and Forecast 2017-2022

<https://marketpublishers.com/r/GF84A217392EN.html>

Date: August 2017

Pages: 0

Price: US\$ 3,600.00 (Single User License)

ID: GF84A217392EN

Abstracts

Anomaly detection is the technique of detecting threats by identifying unusual patterns that do not comply with the expected behavior. It has many applications in business, from identifying strange pattern in network traffic that could cause hacking in signal to system health monitoring including detecting infectious tumors in an MRI scan. The use of anomaly detection has also being extended from detecting fraud detection in an online transaction to fault detection in operating environment. Furthermore, with the emergence of IoT technology, anomaly detection would likely to play a key role in IoT use cases such as monitoring and maintenance. The global Anomaly detection market is anticipated to grow at the CAGR of 17% during 2017-2022. The major factors that are augmenting the growth of the market are rise in internal threats among enterprise and increasing cyber fraudulent activities. Moreover, increase in the adoption of anomaly detection solution in software testing and emergence of high performance data analysis (HPDA) are also estimated to be major factors that are fuelling the growth of the market.

Moreover, security threats posed by workers of small and medium sized enterprise are the biggest threats to IT Security. One of the biggest responsibilities of any IT departments is predicted to maintain a high level of security in order to keep the company's data protected. However, companies tend to focus on external threats such as hackers without realizing that internal sources such as employ might be the security risk for the company. Anomalous Behavior Detection makes use of advanced algorithm to take action against threats before they become critical. Advanced mathematical algorithms are applied to large data volumes in order to address threats quickly. Investigation of risk is done to identify anomalies and further an alert is sent to highlight threats before they become critical.

Additionally, anomaly detection technique has also been used for software testing and

to remove any anomalous data from the dataset. Prelert, anodot, loom systems are some of the anomaly detection software to detect anomalies across massive datasets. Growth of data and development of High Performance Data Analytics (HPDA) is estimated to be the major factor for driving the market. The HPDA enables the data scientist to detect abnormal anomalies in a real time and help monitor device performance along with preventing data from unauthorized access. With the increase in number of connected device, risk of securing it created demand for anomaly technique. Considerable rise in the investment in high performance data analytics (HPDA) to detect fraud and security breaches will further boost the market growth. HPDA has also been used by government to improve security threat analysis. However, there are certain factors that are hindering the growth of the market which includes high cost and lack of skills and awareness about the anomaly detection.

Geography Insights

Global Anomaly Detection market is analyzed on the basis of the geographical regions that are contributing significantly towards the growth of the market. On the basis of the geography, market is bifurcated into North America, Europe, Asia Pacific and Rest of the World. North America is expected to dominate the market during the forecast period. Early adoption of cloud, growing trend of IOT and Bring your own Device (BYOD) are the witnessed development that are boosting the adoption of anomaly detective solution in the region. Asia Pacific is projected to grow at the highest rate during the forecast period due to the adoption of new technologies which includes big data and analytics, augmented reality, IoT, cloud and cyber security.

Competitive Insights

Key players of the Anomaly Detection Market includes Cisco Systems inc, Dell technologies inc, International Business Machines Corporation, Hewlett Packard Enterprise Company, Guardian Analytics. Other players such as Anodot, Ltd., Happiest Minds Technologies, Gurukul, Niara, Inc. , Flowmon Networks, Wipro Limited, SAS Institute Inc., Symantec Corporation , Trustwave Holdings Inc., LogRhythm, Inc. Splunk, Inc., Trend Micro, IncGreyCortex S.R.O., Securonix, Inc and so on are also contributing considerable. In order to stay competitive in the market these players adopt different strategies such as partnership, collaboration, merger and acquisitions, product launch and geographical expansion. For example, in 2017, Cisco launched “intent-based” network that could detect malwares hidden in encrypted traffic. This new technology is expected to make it harder for cyber attackers to carry out attacks or perform illegal authorization against any organization.

Market Segmentation

Major Segments of Global Anomaly Detection Market includes-

Global Anomaly Detection Market Research and Analysis, By Application

Global Anomaly Detection Market Research and Analysis, By Service

Global Anomaly Detection Market Research and Analysis, By Solution

Global Anomaly Detection Market Research and Analysis, By technology

The report covers:

Comprehensive research methodology of Global Anomaly Detection Market

In-depth analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Global Anomaly Detection Market

Insights about market determinants which are stimulating the Global Anomaly Detection Market

Detailed and extensive market segments with regional distribution of researched revenues

Extensive profiles and recent developments of market players

Contents

REPORT SUMMARY

- 1.1. RESEARCH METHODS AND TOOLS
- 1.2. MARKET BREAKDOWN
 - 1.2.1. BY SEGMENTS
 - 1.2.2. BY GEOGRAPHY
 - 1.2.3. BY STAKEHOLDERS

MARKET OVERVIEW AND INSIGHTS

- 2.1. DEFINITION
- 2.2. ANALYST INSIGHT & CURRENT MARKET TRENDS
 - 2.2.1. KEY FINDINGS
 - 2.2.2. RECOMMENDATION
 - 2.2.3. CONCLUSION
- 2.3. REGULATIONS
 - 2.3.1. UNITED STATES
 - 2.3.2. EUROPEAN UNION
 - 2.3.3. CHINA
 - 2.3.4. INDIA
 - 2.3.5. REST OF THE WORLD

MARKET DETERMINANT

- 3.1. MOTIVATORS
 - 3.1.1. INCREASE IN INTERNAL THREATS AMONG ENTERPRISES
 - 3.1.2. TREMENDOUS GROWTH IN CYBER FRAUDULENT ACTIVITIES
 - 3.1.3. RISE IN ADOPTION OF ANOMALY DETECTION SOLUTION FOR SOFTWARE TESTING.
 - 3.1.4. STIMULATED GROWTH OF DATA AND DEVELOPMENT OF HIGH PERFORMANCE DATA ANALYSIS (HPDA)
 - 3.1.5. NETWORK DIAGNOSIS AND DATA CLEAN UP REQUIRED FOR HPDA
 - 3.1.6. NEED FOR SECURITY INTELLIGENCE AROUND INTRUSION AND FRAUD DETECTION
- 3.2. RESTRAINTS
 - 3.2.1. HIGH COST OF ANOMALY DETECTION
 - 3.2.2. LACK OF SKILL AND EXPERTISE

3.3. OPPORTUNITIES

3.3.1. DETECTION OF ANOMALIES IN STREAMING DATA AND DEVELOPMENT OF BUSINESS PROCESS

3.3.2. INCREASING DEMAND FROM EMERGING MARKETS

MARKET SEGMENTATION

4.1. ANOMALY DETECTION MARKET BY APPLICATIONS

4.1.1. BANKING, FINANCIAL SERVICES AND INSURANCE

4.1.2. RETAIL

4.1.3. MANUFACTURING

4.1.4. IT AND TELECOM

4.1.5. HEALTHCARE

4.1.6. DEFENCE

4.1.7. OTHERS

4.2. ANOMALY DETECTION MARKET BY SOLUTIONS

4.2.1. NETWORK BEHAVIOUR ANOMALY DETECTION

4.2.2. USER BEHAVIOUR ANOMALY DETECTION

4.3. ANOMALY DETECTION MARKET BY SERVICES

4.3.1. PROFESSIONAL SERVICES

4.3.2. MANAGED SERVICES

4.4. ANOMALY DETECTION MARKET BY TECHNOLOGY

4.4.1. BIG DATA ANALYSIS

4.4.1.1. DATA MINING

4.4.1.2. BUSINESS INTELLIGENCE

4.4.1.3. MACHINE LEARNING

4.4.2. ARTIFICIAL INTELLIGENCE

COMPETITIVE LANDSCAPE

5.1. KEY STRATEGIES

5.2. KEY COMPANY ANALYSIS

REGIONAL ANALYSIS

6.1. NORTH AMERICA

6.1.1. UNITED STATES

6.1.2. CANADA

6.1.3. REST OF NORTH AMERICA

6.2. EUROPE

6.2.1. UNITED KINGDOM

6.2.2. FRANCE

6.2.3. GERMANY

6.2.4. ITALY

6.2.5. SPAIN

6.2.6. REST OF EUROPE

6.3. ASIA PACIFIC

6.3.1. INDIA

6.3.2. CHINA

6.3.3. JAPAN

6.4. REST OF THE WORLD

COMPANY PROFILES

7.1. CISCO SYSTEMS, INC.

7.1.1. INTRODUCTION

7.1.2. CISCO SYSTEM PRODUCT PORTFOLIO

7.1.3. CISCO SYSTEM RECENT ACTIVITIES

7.2. DELL TECHNOLOGIES, INC

7.2.1. INTRODUCTION

7.2.2. DELL TECHNOLOGIES PRODUCT PORTFOLIO

7.2.3. DELL TECHNOLOGIES RECENT ACTIVITIES

7.3. HEWLETT PACKARD ENTERPRISE COMPANY

7.3.1. INTRODUCTION

7.3.2. HEWLETT PACKARD PRODUCT PORTFOLIO

7.3.3. HEWLETT PACKARD RECENT ACTIVITIES

7.4. GUARDIAN ANALYTICS

7.4.1. INTRODUCTION

7.4.2. GUARDIAN ANALYTICS PRODUCT PORTFOLIO

7.4.3. GUARDIAN ANALYTICS RECENT ACTIVITIES

7.5. ANODOT, LTD

7.5.1. INTRODUCTION

7.5.2. ANODOT PRODUCT PORTFOLIO

7.5.3. ANODOT RECENT ACTIVITIES

7.6. HAPPIEST MINDS

7.6.1. INTRODUCTION

7.6.2. DAQRI LLC PRODUCT PORTFOLIO

7.6.3. DAQRI LLC RECENT ACTIVITIES

7.7. GURUCUL

7.7.1. INTRODUCTION

7.7.2. GURUCUL PRODUCT PORTFOLIO

7.7.3. GURUCUL RECENT ACTIVITIES

7.8. NIARA, INC

7.8.1. INTRODUCTION

7.8.2. NIARA PRODUCT PORTFOLIO

7.8.3. NIARA RECENT ACTIVITIES

7.9. FLOWMON NETWORKS

7.9.1. INTRODUCTION

7.9.2. MAGIC LEAP, INC. PRODUCT PORTFOLIO

7.9.3. MAGIC LEAP, INC. RECENT ACTIVITIES

7.10. WIPRO LIMITED

7.10.1. INTRODUCTION

7.10.2. WIPRO LIMITED PRODUCT PORTFOLIO

7.10.3. WIPRO LIMITED RECENT ACTIVITIES

7.11. SAS INSTITUTE INC

7.11.1. INTRODUCTION

7.11.2. SAS INSTITUTE INC. PRODUCT PORTFOLIO

7.11.3. SAS INSTITUTE INC. RECENT ACTIVITIES

7.12. SYMANTEC CORPORATION

7.12.1. INTRODUCTION

7.12.2. SYMANTEC PRODUCT PORTFOLIO

7.12.3. SYMANTEC RECENT ACTIVITIES

7.13. TRUSTWAVE HOLDINGS, INC

7.13.1. INTRODUCTION

7.13.2. TRUSTWAVE HOLDING, INC. PRODUCT PORTFOLIO

7.13.3. TRUSTWAVE HOLDING, INC. RECENT ACTIVITIES

7.14. INTERNATIONAL BUSINESS MACHINES CORPORATION

7.14.1. INTERNATIONAL BUSINESS MACHINE CORPORATION PRODUCT PORTFOLIO

7.14.2. INTERNATIONAL BUSINESS MACHINE CORPORATION RECENT ACTIVITIES

7.15. LOGRHYTHM, INC

7.15.1. INTRODUCTION

7.15.2. LOGRHYTHM, INC. PRODUCT PORTFOLIO

7.15.3. LOGRHYTHM, INC. RECENT ACTIVITIES

7.16. SPLUNK, INC.

7.16.1. INTRODUCTION

- 7.16.2. SPLUNK, INC. PRODUCT PORTFOLIO
- 7.16.3. SPLUNK, INC. RECENT ACTIVITIES
- 7.17. TREND MICRO, INC
 - 7.17.1. INTRODUCTION
 - 7.17.2. TREND MICRO, INC. PRODUCT PORTFOLIO
 - 7.17.3. TREND MICRO, INC. RECENT ACTIVITIES
- 7.18. GREYCORTEX S. R.O.
 - 7.18.1 INTRODUCTION
 - 7.18.2 GREYCORTEX S. R.O. PRODUCT PORTFOLIO
 - 7.18.3. GREYCORTEX S. R.O. RECENT ACTIVITIES
- 7.19. SECURONIX, INC
 - 7.19.1. INTRODUCTION
 - 7.19.2. SECURONIX, INC. PRODUCT PORTFOLIO
 - 7.19.3. SECURONIX, INC. RECENT ACTIVITIES

List Of Tables

LIST OF TABLES

Table 1 GLOBAL ANOMALY DETECTION MARKET RESEARCH AND ANALYSIS BY APPLICATIONS, 2015-2022 (\$ MILLION)

Table 2 GLOBAL BANKING, FINANCIAL SERVICES AND INSURANCE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 3 GLOBAL RETAIL MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 4 GLOBAL MANUFACTURING MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 5 GLOBAL IT AND TELECOM MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 6 GLOBAL HEALTHCARE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 7 GLOBAL DEFENCE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 8 GLOBAL OTHERS MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 9 GLOBAL ANOMALY TECHNOLOGY MARKET RESEARCH AND ANALYSIS BY SOLUTIONS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 10 GLOBAL NETWORK BEHAVIOUR MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 11 GLOBAL USER BEHAVIOUR MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION), 2015-2022 (\$ MILLION)

Table 12 GLOBAL ANOMALY MARKET RESEARCH AND ANALYSIS BY SERVICES, 2015-2022 (\$ MILLION)

Table 13 GLOBAL PROFESSIONAL SERVICES MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 14 GLOBAL MANAGED SERVICES MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 15 GLOBAL ANOMALY MARKET RESEARCH AND ANALYSIS BY TECHNOLOGY, 2015-2022 (\$ MILLION)

Table 16 GLOBAL BIG DATA ANALYSIS, 2015-2022 (\$ MILLION)

Table 17 GLOBAL DATA MINING MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 18 GLOBAL BUSINESS INTELLIGENCE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 19 GLOBAL MACHINE LEARNING MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 20 GLOBAL ARTIFICIAL INTELLIGENCE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 21 CISCO SYSTEM PRODUCT PORTFOLIO

Table 22 CISCO SYSTEM RECENT ACTIVITIES

Table 23 DELL TECHNOLOGIES PRODUCT PORTFOLIO

Table 24 DELL TECHNOLOGIES RECENT ACTIVITIES

Table 25 HEWLETT PACKARD PRODUCT PORTFOLIO

Table 26 HEWLETT PACKARD RECENT ACTIVITIES

Table 27 GUARDIAN ANALYTICS PRODUCT PORTFOLIO

Table 28 GUARDIAN ANALYTICS RECENT ACTIVITIES

Table 29 ANODOT PRODUCT PORTFOLIO

Table 30 ANODOT RECENT ACTIVITIES

Table 31 HAPPIEST MINDS PRODUCT PORTFOLIO

Table 32 HAPPIEST MIND RECENT ACTIVITIES

Table 33 DAQRI LLC RECENT ACTIVITIES

Table 34 GURUCUL PRODUCT PORTFOLIO

Table 35 GURUCUL RECENT ACTIVITIES

Table 36 NIARA PRODUCT PORTFOLIO

Table 37 NIARA RECENT ACTIVITIES

Table 38 FLOWMON NETWORKS PRODUCT PORTFOLIO

Table 39 FLOWMON NETWORK RECENT ACTIVITIES

Table 40 MAGIC LEAP, INC. PRODUCT PORTFOLIO

Table 41 MAGIC LEAP, INC. RECENT ACTIVITIES

Table 42 WIPRO LIMITED PRODUCT PORTFOLIO

Table 43 WIPRO LIMITED RECENT ACTIVITIES

Table 44 SAS INSTITUTE INC. PRODUCT PORTFOLIO

Table 45 SAS INSTITUTE INC. RECENT ACTIVITIES

Table 46 SYMANTEC PRODUCT PORTFOLIO

Table 47 SYMANTEC RECENT ACTIVITIES

Table 48 TRUSTWAVE HOLDING, INC. PRODUCT PORTFOLIO

Table 49 TRUSTWAVE HOLDING, INC. RECENT ACTIVITIES

Table 50 INTERNATIONAL BUSINESS MACHINE CORPORATION PRODUCT PORTFOLIO

Table 51 INTERNATIONAL BUSINESS MACHINE CORPORATION RECENT ACTIVITIES

Table 52 LOGRHYTHM, INC. PRODUCT PORTFOLIO

Table 53 LOGRHYTHM, INC. RECENT ACTIVITIES

Table 54 SPLUNK, INC. PRODUCT PORTFOLIO

Table 55 SPLUNK, INC. RECENT ACTIVITIES

Table 56 TREND MICRO, INC. PRODUCT PORTFOLIO

Table 57 TREND MICRO, INC. RECENT ACTIVITIES

Table 58 GREYCORTEX S. R.O. PRODUCT PORTFOLIO

Table 59 GREYCORTEX S. R.O. RECENT ACTIVITIES

Table 60 SECURONIX, INC. PRODUCT PORTFOLIO

Table 61 SECURONIX, INC. RECENT ACTIVITIES

List Of Figures

LIST OF FIGURES

Figure 1 NORTH AMERICA MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 2 US MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 3 CANADA MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 4 EUROPEAN MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 5 UK MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 6 FRANCE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 7 GERMANY MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 8 ITALY MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 9 SPAIN MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 10 ROE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 11 ASIA PACIFIC MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 12 INDIA MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 13 CHINA MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 14 JAPAN MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 15 ROPAC MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 16 REST OF THE WORLD MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

I would like to order

Product name: Global Anomaly Detection Market Research and Forecast 2017-2022

Product link: <https://marketpublishers.com/r/GF84A217392EN.html>

Price: US\$ 3,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF84A217392EN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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