

Spend Analytics Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

<https://marketpublishers.com/r/S95D4FBB18E8EN.html>

Date: November 2025

Pages: 106

Price: US\$ 3,200.00 (Single User License)

ID: S95D4FBB18E8EN

Abstracts

Spend Analytics platforms empower procurement and finance teams with AI-driven visibility, classification, and optimization of enterprise expenditures across direct, indirect, and tail spend categories, transforming raw transaction data into actionable intelligence for cost reduction, supplier rationalization, and risk mitigation. These solutions ingest invoices, purchase orders, contracts, and payment records from ERPs, P-cards, and supplier portals, applying machine learning for automated categorization, enrichment with market benchmarks, and anomaly detection to uncover maverick spend and contract leakage. Unlike traditional BI dashboards or spreadsheet reporting, Spend Analytics platforms deliver predictive savings forecasts, prescriptive negotiation playbooks, and real-time compliance monitoring with 98%+ classification accuracy and sub-second query response. Powered by large language models for contract summarization, graph analytics for supplier networks, and generative AI for scenario planning, modern tools achieve 5–15% hard savings in the first year while ensuring audit-ready governance. The global Spend Analytics market is expected to reach USD 1.0 billion to USD 3.0 billion by 2025. As the strategic lens of source-to-pay transformation, these platforms are mission-critical for CFOs navigating inflation and supply volatility. From 2025 to 2030, the market is projected to grow at a compound annual growth rate (CAGR) of approximately 10.0% to 20.0%, fueled by digital procurement acceleration, ESG-linked supplier scoring, and the convergence of spend with sustainability and risk analytics. This vigorous growth cements Spend Analytics as the profit protection engine of the modern enterprise.

Industry Characteristics

Spend Analytics platforms excel in harmonizing 100 million+ line items annually with AI-

driven taxonomy mapping, spend cube visualization, and opportunity identification via clustering and outlier detection, supporting multi-currency, multi-entity rollups with drill-to-invoice granularity. These systems embed contract compliance scoring, supplier performance KPIs, and carbon footprint attribution per dollar spent, all within role-based dashboards for CPO, category managers, and AP clerks. Much like auxiliary antioxidants prevent cross-linking in polymer networks under thermal stress, Spend Analytics platforms prevent value erosion by auto-flagging duplicate payments, enforcing payment term optimization, and simulating inflation pass-through before contracts renew. The industry adheres to rigorous standards—ISO 27001 for data security, SOC 1 Type II for financial controls, and GRI 308 for supplier ESG assessment—while pioneering innovations such as generative AI for RFP drafting, blockchain-verified invoice provenance, and quantum-inspired optimization for tail spend consolidation. Competition spans procurement suite leaders, cloud-native insurgents, and niche AI players, with differentiation centered on savings realization rate, time-to-insight, and integration depth with e-procurement workflows. Key trends include the rise of autonomous procurement agents, embedded finance in supplier payments, and scope 3 emissions tracking tied to spend. The market benefits from CFO mandates for working capital efficiency, regulatory pressure on modern slavery reporting, and the decommissioning of legacy ERP reporting costing millions in manual effort.

Regional Market Trends

Adoption of Spend Analytics varies by region, shaped by procurement maturity, regulatory complexity, and digital transformation pace.

North America: The North American market is projected to grow at a CAGR of 10.0%–18.0% through 2030. The United States leads with Coupa and SAP Ariba powering Fortune 1000 tail spend programs, driven by SEC ESG disclosure rules and inflation-driven savings targets. Canada accelerates via federal sustainable procurement mandates and bilingual analytics.

Europe: Europe anticipates growth in the 10.5%–19.0% range. Germany, the UK, and the Netherlands dominate with Jaggaer and Ivalua for EU Supply Chain Act compliance, while Southern Europe expands under mandatory e-invoicing and carbon border adjustment mechanisms.

Asia-Pacific (APAC): APAC is the fastest-growing region, with a projected CAGR of 11.0%–20.0%. Singapore and Australia lead in ESG supplier scoring, while India surges

with GST input credit optimization. China scales in-house platforms for state-owned enterprises, and Japan focuses on keiretsu spend rationalization.

Latin America: The Latin American market is expected to grow at 10.0%–18.0%. Brazil and Mexico drive adoption via e-invoice mandates and nearshoring cost control, supported by local currency volatility modeling.

Middle East and Africa (MEA): MEA projects growth of 10.5%–19.0%. The UAE and Saudi Arabia invest in Vision 2030 localization analytics, while South Africa leverages platforms for B-BBEE supplier scoring.

Application Analysis

Spend Analytics serves Small and Medium-Sized Enterprises (SMEs) and Large Enterprises, across Predictive Analytics, Prescriptive Analytics, and Descriptive Analytics types.

Predictive Analytics: The fastest-growing type, with 11.0%–20.0% CAGR, forecasts price trends, demand shifts, and savings leakage using time-series ML and external indices. Trends: generative AI for inflation scenarios, Monte Carlo risk simulation, and early payment discount optimization.

Prescriptive Analytics: Growing at 10.5%–19.0%, recommends negotiation levers, supplier switching, and contract restructuring via optimization engines. Trends: autonomous agent execution, game-theory bidding, and sustainability trade-off modeling.

Descriptive Analytics: The foundation, at 10.0%–18.0% CAGR, delivers spend visibility, categorization, and benchmarking. Trends: real-time dashboards, NLP contract search, and tail spend heatmaps.

By size, Large Enterprises dominate with 10.5%–19.0% CAGR, requiring global governance and complex hierarchies. SMEs grow at 11.0%–20.0%, favoring pre-built connectors and rapid deployment.

Company Landscape

The Spend Analytics market features procurement cloud leaders, AI-native platforms, and niche optimizers.

Coupa: Market leader with AI-driven spend guard and community intelligence, serving 2,000+ enterprises with 15%+ savings.

SAP Ariba: Embedded analytics in SAP S/4HANA with guided buying and supplier risk, dominant in manufacturing.

Jaggaer: Unified source-to-pay with advanced category intelligence, strong in higher education and public sector.

Ivalua: All-in-one platform with configurable AI classification, favored by complex global firms.

GEP SMART: Cloud-native with NEXXE marketplace intelligence, known for direct materials analytics.

Zycus: Cognitive procurement with Merlin AI suite, popular in mid-market for rapid ROI.

SpendHQ: Pure-play analytics with perceptual mapping, targeting CPO dashboards.

Industry Value Chain Analysis

The Spend Analytics value chain spans data ingestion to savings capture. Upstream, ERPs and e-procurement systems stream PO/invoice data via APIs or flat files. Platforms cleanse, enrich with UNSPSC/DUNS, and classify using ensemble ML. Category teams validate via collaborative workflows, triggering sourcing events. Downstream, savings track through AP reconciliation, supplier scorecards update, and CFOs report to boards with realized vs. planned metrics. The chain demands AES-256 encryption, SOC 2 compliance, and seamless integration with contract lifecycle and payment systems. Generative AI now auto-generates 80% of category strategies and negotiates via chatbots.

Opportunities and Challenges

The Spend Analytics market presents transformative opportunities, including the ESG procurement wave requiring scope 3 visibility, the inflation surge demanding predictive hedging, and the tail spend digitization unlocking 10%+ savings. Cloud platforms cut TCO by 60%, while AI accelerates insight from months to days. Emerging markets in APAC and MEA offer greenfield growth. Integration with blockchain invoices, DeFi

payments, and carbon markets creates new value. However, challenges include data quality in legacy ERPs, change resistance from category silos, and the high cost of external benchmark licensing. Regulatory divergence (EU CSRD, U.S. SEC climate rules), supplier pushback on data sharing, and the need for 24/7 global support strain adoption. Additionally, commoditization via open-source classification, privacy concerns in supplier analytics, and the rise of embedded ERP analytics challenge standalone platform relevance.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

Chapter Four Market Landscape

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis

6.2 Spend Analytics Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

7.1 Latest News

7.2 Merger and Acquisition

- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST SPEND ANALYTICS MARKET IN NORTH AMERICA (2020-2030)

- 8.1 Spend Analytics Market Size
- 8.2 Spend Analytics Market by End Use
- 8.3 Competition by Players/Suppliers
- 8.4 Spend Analytics Market Size by Type
- 8.5 Key Countries Analysis
 - 8.5.1 United States
 - 8.5.2 Canada
 - 8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST SPEND ANALYTICS MARKET IN SOUTH AMERICA (2020-2030)

- 9.1 Spend Analytics Market Size
- 9.2 Spend Analytics Market by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Spend Analytics Market Size by Type
- 9.5 Key Countries Analysis

CHAPTER 10 HISTORICAL AND FORECAST SPEND ANALYTICS MARKET IN ASIA & PACIFIC (2020-2030)

- 10.1 Spend Analytics Market Size
- 10.2 Spend Analytics Market by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Spend Analytics Market Size by Type
- 10.5 Key Countries Analysis
 - 10.5.1 China
 - 10.5.2 India
 - 10.5.3 Japan
 - 10.5.4 South Korea
 - 10.5.5 Southeast Asia
 - 10.5.6 Australia & New Zealand

CHAPTER 11 HISTORICAL AND FORECAST SPEND ANALYTICS MARKET IN EUROPE (2020-2030)

- 11.1 Spend Analytics Market Size
- 11.2 Spend Analytics Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Spend Analytics Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Northern Europe

CHAPTER 12 HISTORICAL AND FORECAST SPEND ANALYTICS MARKET IN MEA (2020-2030)

- 12.1 Spend Analytics Market Size
- 12.2 Spend Analytics Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Spend Analytics Market Size by Type
- 12.5 Key Countries Analysis

CHAPTER 13 SUMMARY FOR GLOBAL SPEND ANALYTICS MARKET (2020-2025)

- 13.1 Spend Analytics Market Size
- 13.2 Spend Analytics Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Spend Analytics Market Size by Type

CHAPTER 14 GLOBAL SPEND ANALYTICS MARKET FORECAST (2025-2030)

- 14.1 Spend Analytics Market Size Forecast
- 14.2 Spend Analytics Application Forecast

14.3 Competition by Players/Suppliers

14.4 Spend Analytics Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

15.1 Coupa

15.1.1 Company Profile

15.1.2 Main Business and Spend Analytics Information

15.1.3 SWOT Analysis of Coupa

15.1.4 Coupa Spend Analytics Revenue, Gross Margin and Market Share (2020-2025)

15.2 Jaggaer

15.2.1 Company Profile

15.2.2 Main Business and Spend Analytics Information

15.2.3 SWOT Analysis of Jaggaer

15.2.4 Jaggaer Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.3 Ivalua

15.3.1 Company Profile

15.3.2 Main Business and Spend Analytics Information

15.3.3 SWOT Analysis of Ivalua

15.3.4 Ivalua Spend Analytics Revenue, Gross Margin and Market Share (2020-2025)

15.4 SAP Ariba

15.4.1 Company Profile

15.4.2 Main Business and Spend Analytics Information

15.4.3 SWOT Analysis of SAP Ariba

15.4.4 SAP Ariba Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.5 Oracle Procurement Cloud

15.5.1 Company Profile

15.5.2 Main Business and Spend Analytics Information

15.5.3 SWOT Analysis of Oracle Procurement Cloud

15.5.4 Oracle Procurement Cloud Spend Analytics Revenue, Gross Margin and
Market Share (2020-2025)

15.6 Workday Strategic Sourcing

15.6.1 Company Profile

15.6.2 Main Business and Spend Analytics Information

15.6.3 SWOT Analysis of Workday Strategic Sourcing

15.6.4 Workday Strategic Sourcing Spend Analytics Revenue, Gross Margin and
Market Share (2020-2025)

15.7 GEP SMART

15.7.1 Company Profile

15.7.2 Main Business and Spend Analytics Information

15.7.3 SWOT Analysis of GEP SMART

15.7.4 GEP SMART Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.8 Procurify

15.8.1 Company Profile

15.8.2 Main Business and Spend Analytics Information

15.8.3 SWOT Analysis of Procurify

15.8.4 Procurify Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.9 Precoro

15.9.1 Company Profile

15.9.2 Main Business and Spend Analytics Information

15.9.3 SWOT Analysis of Precoro

15.9.4 Precoro Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.10 Airbase

15.10.1 Company Profile

15.10.2 Main Business and Spend Analytics Information

15.10.3 SWOT Analysis of Airbase

15.10.4 Airbase Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.11 SpendHQ

15.11.1 Company Profile

15.11.2 Main Business and Spend Analytics Information

15.11.3 SWOT Analysis of SpendHQ

15.11.4 SpendHQ Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.12 Zycus

15.12.1 Company Profile

15.12.2 Main Business and Spend Analytics Information

15.12.3 SWOT Analysis of Zycus

15.12.4 Zycus Spend Analytics Revenue, Gross Margin and Market Share
(2020-2025)

15.13 Field

15.13.1 Company Profile

15.13.2 Main Business and Spend Analytics Information

15.13.3 SWOT Analysis of Field

15.13.4 Field Spend Analytics Revenue, Gross Margin and Market Share (2020-2025)

Please ask for sample pages for full companies list

Tables & Figures

TABLES AND FIGURES

Table Abbreviation and Acronyms
Table Research Scope of Spend Analytics Report
Table Data Sources of Spend Analytics Report
Table Major Assumptions of Spend Analytics Report
Figure Market Size Estimated Method
Figure Major Forecasting Factors
Figure Spend Analytics Picture
Table Spend Analytics Classification
Table Spend Analytics Applications
Table Drivers of Spend Analytics Market
Table Restraints of Spend Analytics Market
Table Opportunities of Spend Analytics Market
Table Threats of Spend Analytics Market
Table COVID-19 Impact for Spend Analytics Market
Table Raw Materials Suppliers
Table Different Production Methods of Spend Analytics
Table Cost Structure Analysis of Spend Analytics
Table Key End Users
Table Latest News of Spend Analytics Market
Table Merger and Acquisition
Table Planned/Future Project of Spend Analytics Market
Table Policy of Spend Analytics Market
Table 2020-2030 North America Spend Analytics Market Size
Figure 2020-2030 North America Spend Analytics Market Size and CAGR
Table 2020-2030 North America Spend Analytics Market Size by Application
Table 2020-2025 North America Spend Analytics Key Players Revenue
Table 2020-2025 North America Spend Analytics Key Players Market Share
Table 2020-2030 North America Spend Analytics Market Size by Type
Table 2020-2030 United States Spend Analytics Market Size
Table 2020-2030 Canada Spend Analytics Market Size
Table 2020-2030 Mexico Spend Analytics Market Size
Table 2020-2030 South America Spend Analytics Market Size
Figure 2020-2030 South America Spend Analytics Market Size and CAGR
Table 2020-2030 South America Spend Analytics Market Size by Application
Table 2020-2025 South America Spend Analytics Key Players Revenue

Table 2020-2025 South America Spend Analytics Key Players Market Share
Table 2020-2030 South America Spend Analytics Market Size by Type
Table 2020-2030 Asia & Pacific Spend Analytics Market Size
Figure 2020-2030 Asia & Pacific Spend Analytics Market Size and CAGR
Table 2020-2030 Asia & Pacific Spend Analytics Market Size by Application
Table 2020-2025 Asia & Pacific Spend Analytics Key Players Revenue
Table 2020-2025 Asia & Pacific Spend Analytics Key Players Market Share
Table 2020-2030 Asia & Pacific Spend Analytics Market Size by Type
Table 2020-2030 China Spend Analytics Market Size
Table 2020-2030 India Spend Analytics Market Size
Table 2020-2030 Japan Spend Analytics Market Size
Table 2020-2030 South Korea Spend Analytics Market Size
Table 2020-2030 Southeast Asia Spend Analytics Market Size
Table 2020-2030 Australia & New Zealand Spend Analytics Market Size
Table 2020-2030 Europe Spend Analytics Market Size
Figure 2020-2030 Europe Spend Analytics Market Size and CAGR
Table 2020-2030 Europe Spend Analytics Market Size by Application
Table 2020-2025 Europe Spend Analytics Key Players Revenue
Table 2020-2025 Europe Spend Analytics Key Players Market Share
Table 2020-2030 Europe Spend Analytics Market Size by Type
Table 2020-2030 Germany Spend Analytics Market Size
Table 2020-2030 France Spend Analytics Market Size
Table 2020-2030 United Kingdom Spend Analytics Market Size
Table 2020-2030 Italy Spend Analytics Market Size
Table 2020-2030 Spain Spend Analytics Market Size
Table 2020-2030 Belgium Spend Analytics Market Size
Table 2020-2030 Netherlands Spend Analytics Market Size
Table 2020-2030 Austria Spend Analytics Market Size
Table 2020-2030 Poland Spend Analytics Market Size
Table 2020-2030 Northern Europe Spend Analytics Market Size
Table 2020-2030 MEA Spend Analytics Market Size
Figure 2020-2030 MEA Spend Analytics Market Size and CAGR
Table 2020-2030 MEA Spend Analytics Market Size by Application
Table 2020-2025 MEA Spend Analytics Key Players Revenue
Table 2020-2025 MEA Spend Analytics Key Players Market Share
Table 2020-2030 MEA Spend Analytics Market Size by Type
Table 2020-2025 Global Spend Analytics Market Size by Region
Table 2020-2025 Global Spend Analytics Market Size Share by Region
Table 2020-2025 Global Spend Analytics Market Size by Application

Table 2020-2025 Global Spend Analytics Market Share by Application
Table 2020-2025 Global Spend Analytics Key Vendors Revenue
Figure 2020-2025 Global Spend Analytics Market Size and Growth Rate
Table 2020-2025 Global Spend Analytics Key Vendors Market Share
Table 2020-2025 Global Spend Analytics Market Size by Type
Table 2020-2025 Global Spend Analytics Market Share by Type
Table 2025-2030 Global Spend Analytics Market Size by Region
Table 2025-2030 Global Spend Analytics Market Size Share by Region
Table 2025-2030 Global Spend Analytics Market Size by Application
Table 2025-2030 Global Spend Analytics Market Share by Application
Table 2025-2030 Global Spend Analytics Key Vendors Revenue
Figure 2025-2030 Global Spend Analytics Market Size and Growth Rate
Table 2025-2030 Global Spend Analytics Key Vendors Market Share
Table 2025-2030 Global Spend Analytics Market Size by Type
Table 2025-2030 Spend Analytics Global Market Share by Type
Table Coupa Information
Table SWOT Analysis of Coupa
Table 2020-2025 Coupa Spend Analytics Revenue Gross Profit Margin
Figure 2020-2025 Coupa Spend Analytics Revenue and Growth Rate
Figure 2020-2025 Coupa Spend Analytics Market Share
Table Jaggaer Information
Table SWOT Analysis of Jaggaer
Table 2020-2025 Jaggaer Spend Analytics Revenue Gross Profit Margin
Figure 2020-2025 Jaggaer Spend Analytics Revenue and Growth Rate
Figure 2020-2025 Jaggaer Spend Analytics Market Share
Table Ivalua Information
Table SWOT Analysis of Ivalua
Table 2020-2025 Ivalua Spend Analytics Revenue Gross Profit Margin
Figure 2020-2025 Ivalua Spend Analytics Revenue and Growth Rate
Figure 2020-2025 Ivalua Spend Analytics Market Share
Table SAP Ariba Information
Table SWOT Analysis of SAP Ariba
Table 2020-2025 SAP Ariba Spend Analytics Revenue Gross Profit Margin
Figure 2020-2025 SAP Ariba Spend Analytics Revenue and Growth Rate
Figure 2020-2025 SAP Ariba Spend Analytics Market Share
Table Oracle Procurement Cloud Information
Table SWOT Analysis of Oracle Procurement Cloud
Table 2020-2025 Oracle Procurement Cloud Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Oracle Procurement Cloud Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Oracle Procurement Cloud Spend Analytics Market Share

Table Workday Strategic Sourcing Information

Table SWOT Analysis of Workday Strategic Sourcing

Table 2020-2025 Workday Strategic Sourcing Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Workday Strategic Sourcing Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Workday Strategic Sourcing Spend Analytics Market Share

Table GEP SMART Information

Table SWOT Analysis of GEP SMART

Table 2020-2025 GEP SMART Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 GEP SMART Spend Analytics Revenue and Growth Rate

Figure 2020-2025 GEP SMART Spend Analytics Market Share

Table Procurify Information

Table SWOT Analysis of Procurify

Table 2020-2025 Procurify Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Procurify Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Procurify Spend Analytics Market Share

Table Precoro Information

Table SWOT Analysis of Precoro

Table 2020-2025 Precoro Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Precoro Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Precoro Spend Analytics Market Share

Table Airbase Information

Table SWOT Analysis of Airbase

Table 2020-2025 Airbase Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Airbase Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Airbase Spend Analytics Market Share

Table SpendHQ Information

Table SWOT Analysis of SpendHQ

Table 2020-2025 SpendHQ Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 SpendHQ Spend Analytics Revenue and Growth Rate

Figure 2020-2025 SpendHQ Spend Analytics Market Share

Table Zycus Information

Table SWOT Analysis of Zycus

Table 2020-2025 Zycus Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Zycus Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Zycus Spend Analytics Market Share

Table Field Information

Table SWOT Analysis of Field

Table 2020-2025 Field Spend Analytics Revenue Gross Profit Margin

Figure 2020-2025 Field Spend Analytics Revenue and Growth Rate

Figure 2020-2025 Field Spend Analytics Market Share

.....

I would like to order

Product name: Spend Analytics Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

Product link: <https://marketpublishers.com/r/S95D4FBB18E8EN.html>

Price: US\$ 3,200.00 (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/S95D4FBB18E8EN.html>