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IoT in Chemical Industry Market by Technology Type (Enabling Technology and Operational Technology), Chemical Verticals (Mining & Metals, Food & Beverages, Chemicals, Pharmaceuticals, Paper & Pulp), Region - Global Forecast to 2024

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Abstracts

“Increasing emphasis on technology for various industrial applications is expected to drive the IoT in Chemical Industry market.”

The IoT in Chemical Industry market is estimated to grow from USD 48.9 billion in 2019 to USD 77.9 billion by 2024, at a CAGR of 9.7%. It is largely driven by the increasing emphasis on technology for various industrial applications, such the growing use of IoT in the manufacturing process and the introduction of AI base models in predictive analytics for asset management and condition monitoring.

“Enabling technology is expected to be the fastest-growing type segment of the IoT in Chemical Industry market, in terms of value, between 2019 and 2024.”

The enabling technology segment is projected to register the highest growth, in terms of value, during the forecast period. The growing concern toward the reduction of risk associated with chemical and metal industries, rising environmental concerns due to chemical release from the plants, and the rising emphasis on circular economy are driving the demand for digital transformation, which is leading to the growth in the IoT in Chemical Industry market.

“Chemical verticals segment is estimated to register the highest growth rate, between 2019 and 2024.”

The chemical verticals segment is estimated to register the highest growth rate, in terms of value, between 2019 and 2024. This is owing to the increase in chemical production across various regions and rise in demand for specialty chemicals in advanced engineering processes. The chemicals segment is expected to reach USD 5 trillion in next 5 years. This also reflects the growing chemical production facilities and infrastructure globally. The increased number of chemical refineries and production plants is expected to impact the market positively since new plants are highly anticipated to adopt technologies such as IoT, big data, augmented reality, and industrial robots.

“Rising customer demand from food & beverage and pharmaceutical industries and the growth in chemical production are likely to drive the demand for IoT in Chemical Industry in APAC.”

The APAC IoT in Chemical Industry market is estimated to witness significant growth during the forecast period. The growing chemical production in China and increasing urbanization and industrialization are driving the IoT in Chemical Industry market in the region. In addition, the rise of mining and metal companies in the region will further drive the IoT in Chemical Industry market. APAC has some of the highest growing countries in the world. This is possible due to the growth in industrial infrastructure and increased foreign investments. Various plants and production facilities are anticipated to start in the region in the coming years. Greenfield projects are likely to integrate new processing technologies, thus further boosting the growth of the IoT in Chemical Industry market.

By Company Type: Tier 1 - 46%, Tier 2 - 31%, and Tier 3 - 23%

By Designation: C-Level - 46%, Director Level - 27%, and Others - 27%

By Region: North America - 20%, Europe - 27%, APAC - 35%, South America - 7%, Middle East & Africa - 11%

The key players profiled in the report include as Siemens AG (Germany), General Electric Co (US), ABB Ltd (Switzerland), Rockwell Automation, Inc. (US), Emerson Electric Co (US), Yokogawa Electric Corporation (Japan), Honeywell International Inc. (US), Mitsubishi Electric Corporation (Japan), Schneider Electric SE (Germany).

Research Coverage

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This report segments the market for IoT in Chemical Industry on the basis of type, chemical verticals, and region, and provides estimations for the overall market size across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, agreements, and acquisitions associated with the market for IoT in Chemical Industry.

Reasons to Buy this Report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the IoT in Chemical Industry market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on IoT in Chemical Industry solutions offered by top players in the global market

Product Development/Innovation: Detailed insights on upcoming technologies, R&D activities, and new product launches in the IoT in Chemical Industry market

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for IoT in Chemical Industry across regions

Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global IoT in Chemical Industry market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the IoT in Chemical Industry market

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Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY
1.2 MARKET DEFINITION
1.3 SCOPE OF THE STUDY
  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 PRIMARY AND SECONDARY RESEARCH
2.2 MARKET SIZE ESTIMATION
  2.2.1 BOTTOM-UP APPROACH
  2.2.2 TOP-DOWN APPROACH
  2.2.3 SECONDARY DATA
    2.2.3.1 Key data from secondary sources
  2.2.4 PRIMARY DATA
    2.2.4.1 Key data from primary sources
    2.2.4.2 Breakdown of primary interviews
    2.2.4.3 Key industry insights

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE GROWTH OPPORTUNITIES IN THE CHEMICAL 4.0 MARKET
4.2 CHEMICAL 4.0 MARKET, BY REGION (2019–2024)
4.3 APAC: CHEMICAL 4.0 MARKET, BY TECHNOLOGY AND COUNTRY
4.4 CHEMICAL 4.0 MARKET, BY MAJOR COUNTRIES
4.5 CHEMICAL 4.0 MARKET, BY OPERATIONAL TECHNOLOGY

5 MARKET OVERVIEW

5.1 INTRODUCTION
5.1.1 MARKET EVOLUTION
5.1.2 ELEMENTS OF CHEMICAL 4.0
5.1.2.1 Cyber physical systems
5.1.2.2 Industrial Internet of Things
5.1.2.3 Cloud computing
5.1.2.4 Cognitive computing
5.1.2.5 Data
5.1.3 ESSENTIALS OF CHEMICAL 4.0
5.1.3.1 Technical requirements
5.1.3.1.1 Connectivity
5.1.3.1.2 Sensor technology
5.1.3.1.3 Automation
5.1.3.1.4 Data analytics
5.1.3.2 Organizational requirements
5.1.3.2.1 Digitization strategy
5.1.3.2.2 Workforce optimization
5.1.3.2.3 Change management
5.1.3.2.4 Cross-industry collaborations
5.2 MARKET DYNAMICS
5.2.1 DRIVERS
5.2.1.1 Increased emphasis on efficiency and optimization
5.2.1.2 Increasing adoption of industrial robots
5.2.1.3 Increasing demand for industry-specific solutions
5.2.1.4 Increased emphasis on regulatory compliances
5.2.1.5 Growth of the semiconductor industry and other supporting industries
5.2.1.6 5G Communication
5.2.1.7 Circular Economy
5.2.2 RESTRAINTS
5.2.2.1 High capital investment required for transformation
5.2.2.2 Low adoption rate of technologies
5.2.3 OPPORTUNITIES
5.2.3.1 Industrial growth in emerging economies
5.2.3.2 Enterprise-wide integration leading to enhanced efficiency
5.2.3.3 High emphasis on digitization by governments globally
5.2.3.4 Advancement in IoT, cognitive computing, and additive manufacturing
5.2.3.5 Real-time data generation and data-driven process
5.2.3.6 Better working conditions, superior sustainability, increased energy-efficiency, and environmentally sustainable production and systems

5.2.3.7 Food safety, spoilage, and contamination
5.2.4 CHALLENGES
5.2.4.1 Threats to data security and other cybersecurity risks
5.2.4.2 Skill gap
5.2.4.3 Lack of infrastructure
5.2.4.4 Challenges in information technology and operational technology convergence
5.2.4.5 Low adoption rate of Industry 4.0 infrastructure in small- and medium-sized industries
5.2.4.6 Employee pushback and change management
5.2.4.7 Transparency, ethics, and regulatory compliances

6 IOT IN CHEMICAL INDUSTRY, BY TECHNOLOGY

6.1 INTRODUCTION
6.2 OPERATIONAL TECHNOLOGY
6.3 DISTRIBUTED CONTROL SYSTEM (DCS)
6.3.1 DCS PROVIDES SAFE EXECUTION AND CONTROL OF CRITICAL PROCESSES, WHICH ARE NOT POSSIBLE TO CONTROL MANUALLY DUE TO THE RISKS INVOLVED
6.4 PROGRAMMABLE LOGIC CONTROLLER (PLC)
6.4.1 INCREASING NUMBER OF FACTORIES ARE GENERATING DEMAND FOR MICRO AND NANO PLCS
6.5 MANUFACTURING EXECUTION SYSTEM (MES)
6.5.1 HIGH RATE OF ADOPTION OF MES IS DUE TO ITS INCREASING BENEFITS IN PROCESS AND DISCRETE INDUSTRIES
6.6 ENTERPRISE RESOURCE PLANNING (ERP)
6.6.1 ABILITY TO INTEGRATE ALL THE CRITICAL BUSINESS INFORMATION ACROSS AN ORGANIZATION IS BOOSTING THE ADOPTION OF ERP SOLUTIONS IN SMART FACTORIES
6.7 SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)
6.7.1 SHIFT TOWARD DEVELOPMENT OF SCADA APP FOR SMARTPHONES AND TABLETS IS LIKELY TO ENCOURAGE CHEMICAL 4.0 MARKET GROWTH
6.8 PLANT ASSET MANAGEMENT (PAM)
6.8.1 INCREASING DEMAND FOR SOFTWARE SOLUTIONS CAPABLE OF DETERMINING FAILURES IN ADVANCE IS FAVORING THE MARKET FOR PAM
6.9 HUMAN MACHINE INTERFACE (HMI)
6.9.1 EVOLUTION OF INDUSTRIAL INTERNET OF THINGS (IIOT) AND THE GROWING DEMAND FOR SMART AUTOMATION SOLUTIONS ARE DRIVING THE

MARKET
6.10 PRODUCT LIFECYCLE MANAGEMENT (PLM)
6.10.1 RISING DEMAND FOR EFFICIENCY AND PRODUCTIVITY IN MANUFACTURING PLANTS ACROSS THE GLOBE IS PROMISING FOR THE MARKET
6.11 ENABLING TECHNOLOGY
6.12 INDUSTRIAL ROBOTICS
6.12.1 TRADITIONAL ROBOTS
6.12.1.1 CARTESIAN ROBOTS
6.12.1.1.1 Cartesian robots help with a high degree of mechanical rigidity, accuracy, and repeatability
6.12.1.2 SCARA ROBOTS
6.12.1.2.1 SCARA robots provide higher flexible reach
6.12.1.3 ARTICULATED ROBOTS
6.12.1.3.1 These robots cover a larger work envelope
6.12.1.4 OTHER ROBOTS
6.12.2 COLLABORATIVE ROBOTS
6.12.2.1 The robotics industry players are focusing on designing collaborative robots as per the requirements of smart manufacturing facilities
6.13 MACHINE VISION
6.13.1 MACHINE VISION WILL BE ABLE TO REDUCE THE RISK OF HUMANS GETTING EXPOSED TO HAZARDOUS AND TOXIC CONDITIONS IN CHEMICAL INDUSTRIES
6.14 INTERNET OF THINGS (IOT)
6.14.1 IOT IS GAINING TRACTION WITH ITS ABILITY TO ENHANCE PRODUCT KNOWLEDGE AND PRODUCTION EFFICIENCY
6.15 3D PRINTING
6.15.1 THE 3D PRINTING MARKET IS EXPERIENCING GROWTH WITH STRONG R&D REGARDING NEW PRINT MATERIALS AND TECHNOLOGIES
6.16 BIG DATA
6.16.1 THE APAC REGION HOLDS IMMENSE POTENTIAL FOR THE GROWTH OF THE BIG DATA MARKET
6.17 MACHINE CONDITION MONITORING
6.17.1 THE TECHNOLOGY IS HELPFUL IN THE REDUCTION OF MAINTENANCE COSTS BY OPTIMIZING MACHINE PERFORMANCE
6.18 AUGMENTED REALITY (AR) & VIRTUAL REALITY (VR)
6.18.1 THE IMPLEMENTATION OF THESE TECHNOLOGIES IS INCREASING IN VARIOUS INDUSTRIES, INCLUDING CHEMICAL
6.19 ARTIFICIAL INTELLIGENCE (AI)

6.19.1 THE MAJOR FACTOR CONTRIBUTING TO THE GROWTH OF THE MARKET IN THE AI SEGMENT IS THE ABILITY OF THE TECHNOLOGY TO REDUCE HUMAN ERRORS
6.20 DIGITAL TWIN
6.20.1 APAC IS THE FASTEST-GROWING MARKET IN THIS SEGMENT

7 CHEMICAL 4.0 MARKET, BY CHEMICAL VERTICAL

7.1 SHIFT IN REVENUE STREAMS DUE TO MEGATRENDS IN THE CHEMICAL INDUSTRY
7.2 INTRODUCTION
7.3 METALS & MINING
7.3.1 RISING DEMAND FOR PREVENTIVE MAINTENANCE IS ENCOURAGING THE ADOPTION OF INDUSTRY 4.0 SOLUTIONS IN THE MINING INDUSTRY
7.4 FOOD & BEVERAGE
7.4.1 THE IMPLEMENTATION OF AUTOMATION TECHNOLOGIES IS GROWING IN THIS INDUSTRY
7.5 CHEMICAL
7.5.1 PETROCHEMICALS & POLYMERS
7.5.1.1 The growth of the petrochemicals & polymers segment is opening up opportunities for the adoption of Industry 4.0 solutions
7.5.2 SPECIALTY CHEMICALS
7.5.2.1 Data analytics have immense scope in this segment of the chemical industry
7.5.3 FERTILIZERS & AGROCHEMICALS
7.5.3.1 The growing demand for organic chemicals is expected to drive the market
7.5.4 OTHERS
7.6 PHARMACEUTICAL
7.6.1 INCREASING DEMAND FOR INDUSTRIAL AUTOMATION TO ENSURE PRODUCT STANDARD IS DRIVING DIGITAL TRANSFORMATION IN THIS INDUSTRY
7.7 PULP & PAPER
7.7.1 THE ONGOING DIGITIZATION OF THE PAPER MANUFACTURING PROCESS IS EXPECTED TO DRIVE CHEMICAL 4.0 ADOPTION IN THE INDUSTRY
7.8 USED CASES

8 CHEMICAL 4.0 MARKET, BY PROCESS

8.1 INTRODUCTION
8.2 RESEARCH & DEVELOPMENT (R&D)

8.2.1 REDUCED PRODUCT DEVELOPMENT TIME
8.3 MANUFACTURING
8.3.1 LEVERAGING TECHNOLOGY TO IMPROVE THE PRODUCTION PROCESS
8.4 PROCUREMENT
8.4.1 INVENTORY MANAGEMENT COMPLEMENTS THE PROCUREMENT PROCESS
8.5 PACKAGING
8.5.1 ACHIEVING SUSTAINABILITY THROUGH AUTOMATION AND TECHNOLOGY
8.6 SUPPLY CHAIN MANAGEMENT AND LOGISTICS
8.6.1 FASTER AND FLEXIBLE DISTRIBUTION
8.6.2 MAINTAINING A LARGE AMOUNT OF DATA
8.6.3 AUTOMATION AS A SOLUTION
8.6.4 WAREHOUSING FOR PROFIT

9 CHEMICAL 4.0 MARKET, BY REGION

9.1 INTRODUCTION
9.2 APAC
9.2.1 CHINA
9.2.1.1 The country is experiencing the fastest rate of chemical 4.0 adoption
9.2.2 INDIA
9.2.2.1 The country has good growth opportunities for the market in the future
9.2.3 JAPAN
9.2.3.1 The government is working toward the automation of all manufacturing processes
9.2.4 SOUTH KOREA
9.2.4.1 The country is witnessing a digital revolution in its industrial manufacturing sector
9.2.5 REST OF APAC
9.3 EUROPE
9.3.1 GERMANY
9.3.1.1 Germany is at the forefront in the implementation of chemical 4.0 solutions
9.3.2 ITALY
9.3.2.1 Italian manufacturers are emphasizing chemical 4.0 to enhance their productivity
9.3.3 FRANCE
9.3.3.1 The opportunities for the adoption of chemical 4.0 is promising in the country
9.3.4 UK
9.3.4.1 The implementation of chemical 4.0 solutions is increasing in the country's

automotive industry
9.3.5 REST OF EUROPE
9.4 NORTH AMERICA
9.4.1 US
9.4.1.1 The automation of manufacturing processes is taking place to improve operational efficiency
9.4.2 CANADA
9.4.2.1 The market is growing with companies investing in cutting-edge technologies
9.4.3 MEXICO
9.4.3.1 The recent structural reforms in Mexico are favorable for the growth of the market
9.5 MIDDLE EAST & AFRICA
9.5.1 TURKEY
9.5.1.1 The government is focusing on the adoption of Industry 4.0
9.5.2 SAUDI ARABIA
9.5.2.1 The growth of the chemical and oil & gas industries in the country is expected to impact the market positively
9.5.3 REST OF MIDDLE EAST & AFRICA
9.6 SOUTH AMERICA
9.6.1 BRAZIL
9.6.1.1 Apart from chemical, the oil & gas industry is expected to influence the market positively
9.6.2 ARGENTINA
9.6.2.1 Argentina has the second-largest oil reserves, after the US
9.6.3 REST OF SOUTH AMERICA

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW
10.2 COMPETITIVE ANALYSIS
10.2.1 MARKET RANKING ANALYSIS: CHEMICAL 4.0 MARKET, 2018
10.3 COMPETITIVE LEADERSHIP MAPPING, 2018
10.3.1 VISIONARY LEADERS
10.3.2 INNOVATORS
10.3.3 DYNAMIC DIFFERENTIATORS
10.4 MARKET SHARE ANALYSIS, 2018
10.5 COMPETITIVE SITUATION AND TRENDS
10.5.1 EXPANSION
10.5.2 NEW PRODUCT LAUNCH

10.5.3 ACQUISITION
10.5.4 PARTNERSHIP/COLLABORATION/CONTRACT/AGREEMENT
10.5.5 INVESTMENT

11 COMPANY PROFILES

(Business overview, Products offered, Recent Developments, SWOT Analysis, MNM view)*

11.1 SIEMENS AG
11.2 GENERAL ELECTRIC CO.
11.3 ABB LTD.
11.4 ROCKWELL AUTOMATION, INC.
11.5 EMERSON ELECTRIC CO.
11.6 YOKOGAWA ELECTRIC CORPORATION
11.7 HONEYWELL INTERNATIONAL INC.
11.8 MITSUBISHI ELECTRIC CORPORATION
11.9 SCHNEIDER ELECTRIC SE
11.10 FANUC CORPORATION
11.11 FORTIVE
11.12 INTERNATIONAL BUSINESS MACHINES CORPORATION
11.13 CISCO SYSTEMS, INC.
11.14 MICROSOFT CORPORATION
11.15 STRATASYS LTD.
11.16 HEWLETT PACKARD ENTERPRISE COMPANY
11.17 QUALCOMM INC.
11.18 SAMSUNG ELECTRONICS CO. LTD
11.19 TEXAS INSTRUMENTS INC.
11.20 ATOS SE
11.21 3D SYSTEMS CORPORATION
11.22 DENSO CORPORATION
11.23 OTHER PLAYERS

*Details on Business overview, Products offered, Recent Developments, SWOT Analysis, MNM view might not be captured in case of unlisted companies.

12 APPENDIX

12.1 INSIGHTS OF INDUSTRY EXPERTS
12.2 DISCUSSION GUIDE
12.3 KNOWLEDGE STORE: MARKETSANDMARKETS’ SUBSCRIPTION PORTAL

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12.4 AVAILABLE CUSTOMIZATIONS
12.5 RELATED REPORTS
12.6 AUTHOR DETAILS

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info@marketpublishers.com

List Of Tables

LIST OF TABLES

TABLE 1 LIST OF ALLIANCES AND CONSORTIUMS
TABLE 2 LIST OF MAJOR SECONDARY SOURCES
TABLE 3 CHEMICAL 4.0 MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 4 CHEMICAL 4.0 MARKET SIZE, BY OPERATIONAL TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 5 OPERATIONAL TECHNOLOGY MARKET SIZE, BY REGION, 2017–2024 (USD BILLION)
TABLE 6 DCS MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 7 PLC MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 8 MES MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 9 ERP MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 10 SCADA MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 11 PAM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 12 HMI MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 13 PLM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 14 CHEMICAL 4.0 MARKET SIZE, BY ENABLING TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 15 ENABLING TECHNOLOGY MARKET SIZE, BY REGION, 2017–2024 (USD BILLION)
TABLE 16 INDUSTRIAL ROBOTICS MARKET SIZE, BY TYPE, 2017–2024 (USD BILLION)
TABLE 17 INDUSTRIAL ROBOTICS MARKET SIZE, BY COMPONENT, 2017–2024 (USD BILLION)
TABLE 18 INDUSTRIAL ROBOTICS MARKET SIZE, BY REGION, 2017–2024 (USD BILLION)
TABLE 19 MACHINE VISION MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 20 INTERNET OF THINGS MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 21 INTERNET OF THINGS MARKET SIZE, BY OFFERING, 2017–2024 (USD BILLION)
TABLE 22 INTERNET OF THINGS MARKET SIZE, BY HARDWARE, 2017–2024 (USD MILLION)
TABLE 23 INTERNET OF THINGS MARKET SIZE, BY SOFTWARE, 2017–2024 (USD

MILLION)
TABLE 24 3D PRINTING MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 25 3D PRINTING MARKET SIZE, BY OFFERING, 2017–2024 (USD BILLION)
TABLE 26 3D PRINTING MARKET SIZE, BY MATERIAL, 2017–2024 (USD MILLION)
TABLE 27 3D PRINTING MARKET SIZE, BY SERVICE, 2017–2024 (USD MILLION)
TABLE 28 3D PRINTING MARKET SIZE, BY SOFTWARE, 2017–2024 (USD MILLION)
TABLE 29 3D PRINTING MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 30 BIG DATA MARKET SIZE, BY OFFERING, 2017–2024 (USD BILLION)
TABLE 31 BIG DATA MARKET SIZE, BY SOFTWARE, 2017–2024 (USD MILLION)
TABLE 32 BIG DATA MARKET SIZE, BY SERVICE, 2017–2024 (USD MILLION)
TABLE 33 BIG DATA MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 34 MACHINE CONDITION MONITORING MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 35 AUGMENTED REALITY (AR) & VIRTUAL REALITY (VR) MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 36 AUGMENTED REALITY (AR) & VIRTUAL REALITY (VR) MARKET SIZE, BY OFFERING, 2017–2024 (USD MILLION)
TABLE 37 AUGMENTED REALITY (AR) & VIRTUAL REALITY (VR) MARKET SIZE, BY HARDWARE, 2017–2024 (USD MILLION)
TABLE 38 ARTIFICIAL INTELLIGENCE MARKET SIZE, BY OFFERING, 2017–2024 (USD MILLION)
TABLE 39 ARTIFICIAL INTELLIGENCE MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 40 DIGITAL TWIN MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)
TABLE 41 CHEMICAL 4.0 MARKET SIZE, BY INDUSTRY VERTICAL, 2017–2024 (USD BILLION)
TABLE 42 CHEMICAL 4.0 MARKET SIZE IN METALS & MINING INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 43 CHEMICAL 4.0 MARKET SIZE IN FOOD & BEVERAGE INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 44 INVESTMENTS FROM DOWNSTREAM COMPANIES
TABLE 45 CHEMICAL 4.0 MARKET SIZE IN CHEMICAL INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 46 CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL INDUSTRY SUBSEGMENT, 2017–2024 (USD BILLION)
TABLE 47 CHEMICAL 4.0 MARKET SIZE IN PETROCHEMICALS & POLYMERS INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 48 CHEMICAL 4.0 MARKET SIZE IN SPECIALTY CHEMICALS INDUSTRY,

BY REGION, 2017–2024 (USD BILLION)
TABLE 49 CHEMICAL 4.0 MARKET SIZE IN FERTILIZERS & AGROCHEMICALS INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 50 CHEMICAL 4.0 MARKET SIZE IN OTHER INDUSTRIES, BY REGION, 2017–2024 (USD BILLION)
TABLE 51 CHEMICAL 4.0 MARKET SIZE IN PHARMACEUTICAL INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 52 CHEMICAL 4.0 MARKET SIZE IN PULP & PAPER INDUSTRY, BY REGION, 2017–2024 (USD BILLION)
TABLE 53 CHEMICAL 4.0 MARKET SIZE, BY REGION, 2017–2024 (USD BILLION)
TABLE 54 APAC: CHEMICAL 4.0 MARKET SIZE, BY COUNTRY, 2017–2024 (USD BILLION)
TABLE 55 APAC: CHEMICAL 4.0 MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 56 APAC: CHEMICAL 4.0 MARKET SIZE, BY OPERATIONAL TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 57 APAC: CHEMICAL 4.0 MARKET, BY ENABLING TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 58 APAC: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL VERTICAL, 2017–2024 (USD BILLION)
TABLE 59 APAC: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL INDUSTRY SUBSEGMENT, 2017–2024 (USD BILLION)
TABLE 60 EUROPE: CHEMICAL 4.0 MARKET SIZE, BY COUNTRY, 2017–2024 (USD BILLION)
TABLE 61 EUROPE: CHEMICAL 4.0 MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 62 EUROPE: CHEMICAL 4.0 MARKET SIZE, BY ENABLING TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 63 EUROPE: CHEMICAL 4.0 MARKET SIZE, BY OPERATIONAL TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 64 EUROPE: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL VERTICAL, 2017–2024 (USD BILLION)
TABLE 65 EUROPE: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL INDUSTRY SUBSEGMENT, 2017–2024 (USD BILLION)
TABLE 66 NORTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY COUNTRY, 2017–2024 (USD BILLION)
TABLE 67 NORTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 68 NORTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY ENABLING

TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 69 NORTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY OPERATIONAL TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 70 NORTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL VERTICAL, 2017–2024 (USD BILLION)
TABLE 71 NORTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL INDUSTRY SUBSEGMENT, 2017–2024 (USD BILLION)
TABLE 72 MIDDLE EAST & AFRICA: CHEMICAL 4.0 MARKET SIZE, BY COUNTRY, 2017–2024 (USD BILLION)
TABLE 73 MIDDLE EAST & AFRICA: CHEMICAL 4.0 MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 74 MIDDLE EAST & AFRICA: CHEMICAL 4.0 MARKET, BY ENABLING TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 75 MIDDLE EAST & AFRICA: CHEMICAL 4.0 MARKET SIZE, BY OPERATIONAL TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 76 MIDDLE EAST & AFRICA: 4.0 MARKET SIZE, BY CHEMICAL VERTICAL, 2017–2024 (USD MILLION)
TABLE 77 MIDDLE EAST & AFRICA: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL INDUSTRY SUBSEGMENT, 2017–2024 (USD MILLION)
TABLE 78 SOUTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY COUNTRY, 2017–2024 (USD BILLION)
TABLE 79 SOUTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY TECHNOLOGY, 2017–2024 (USD BILLION)
TABLE 80 SOUTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY ENABLING TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 81 SOUTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY OPERATIONAL TECHNOLOGY, 2017–2024 (USD MILLION)
TABLE 82 SOUTH AMERICA 4.0 MARKET SIZE, BY CHEMICAL VERTICAL, 2017–2024 (USD MILLION)
TABLE 83 SOUTH AMERICA: CHEMICAL 4.0 MARKET SIZE, BY CHEMICAL INDUSTRY SUBSEGMENT, 2017–2024 (USD MILLION)
TABLE 84 EXPANSION, 2019
TABLE 85 NEW PRODUCT LAUNCH, 2017–2019
TABLE 86 ACQUISITION, 2017–2019
TABLE 87 PARTNERSHIP/COLLABORATION/CONTRACT/AGREEMENT, 2017–2019
TABLE 88 INVESTMENT, 2017–2019

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List Of Figures

LIST OF FIGURES

FIGURE 1 MARKET SEGMENTATION
FIGURE 2 GLOBAL MARKET CALCULATION
FIGURE 3 MARKET CALCULATION, BY CHEMICAL VERTICALS
FIGURE 4 CHEMICAL 4.0 MARKET FORECAST, 2024
FIGURE 5 CHEMICAL 4.0 MARKET: BOTTOM-UP APPROACH
FIGURE 6 CHEMICAL 4.0 MARKET: TOP-DOWN APPROACH
FIGURE 7 CHEMICAL 4.0 MARKET, BY TECHNOLOGY, 2018 (USD BILLION)
FIGURE 8 APAC TO BE THE FASTEST-GROWING REGION IN THE CHEMICAL 4.0 MARKET
FIGURE 9 RISING DEMAND FOR SMART AUTOMATION SOLUTIONS TO DRIVE THE GROWTH OF THE CHEMICAL 4.0 MARKET DURING THE FORECAST PERIOD
FIGURE 10 THE CHEMICAL 4.0 MARKET IN APAC TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD
FIGURE 11 ENABLING TECHNOLOGY AND CHINA ACCOUNTED FOR THE LARGEST SHARE IN APAC CHEMICAL 4.0 MARKET IN 2018
FIGURE 12 CHINA TO BE THE FASTEST-GROWING CHEMICAL 4.0 MARKET
FIGURE 13 DISTRIBUTED CONTROL SYSTEM WAS THE LARGEST APPLICATION IN THE CHEMICAL 4.0 MARKET IN 2018
FIGURE 14 INDUSTRIAL REVOLUTION TIMELINE
FIGURE 15 ENABLING TECHNOLOGY TO REGISTER A HIGHER CAGR
FIGURE 16 YC AND YCC SHIFT
FIGURE 17 CHEMICAL 4.0 MARKET, BY INDUSTRY VERTICALS
FIGURE 18 PETROCHEMICALS & POLYMERS TO BE THE LARGEST SEGMENT OF THE MARKET
FIGURE 19 REFINERY: IOCL-EMERSON-MEETING LOW FUEL EMISSION STANDARDS
(BHARAT STAGE VI)
FIGURE 20 POLYMERIZATION: DENKA-EMERSON COST OPTIMIZATION
BY REAL-TIME ANALYSIS
FIGURE 21 PETROCHEMICALS & POLYMERS USED CASES
FIGURE 22 SPECIALTY CHEMICALS, LUBRICANTS, COATINGS USED CASES
FIGURE 23 VALUE CHAIN
FIGURE 24 APAC TO BE THE LARGEST CHEMICAL 4.0 MARKET
FIGURE 25 APAC: CHEMICAL 4.0 MARKET SNAPSHOT
FIGURE 26 EUROPE: CHEMICAL 4.0 MARKET SNAPSHOT

FIGURE 27 NORTH AMERICA: CHEMICAL 4.0 MARKET SNAPSHOT
FIGURE 28 ACQUISITION WAS THE KEY GROWTH STRATEGY ADOPTED BY THE MARKET PLAYERS BETWEEN 2017 AND 2019
FIGURE 29 MARKET RANKING OF THE TOP 5 PLAYERS IN THE CHEMICAL 4.0 MARKET, 2018
FIGURE 30 CHEMICAL 4.0 MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018
FIGURE 31 MARKET SHARE ANALYSIS
FIGURE 32 SIEMENS AG: COMPANY SNAPSHOT
FIGURE 33 SIEMENS AG: WINNING IMPERATIVES
FIGURE 34 GENERAL ELECTRIC CO.: COMPANY SNAPSHOT
FIGURE 35 GE ELECTRIC CO.: WINNING IMPERATIVES
FIGURE 36 ABB LTD.: COMPANY SNAPSHOT
FIGURE 37 ABB LTD.: WINNING IMPERATIVES
FIGURE 38 ROCKWELL AUTOMATION INC.: COMPANY SNAPSHOT
FIGURE 39 ROCKWELL AUTOMATION: WINNING IMPERATIVES
FIGURE 40 EMERSON ELECTRIC CO: COMPANY SNAPSHOT
FIGURE 41 EMERSION ELECTRIC: WINNING IMPERATIVES
FIGURE 42 YOKOGAWA ELECTRIC CORPORATION: COMPANY SNAPSHOT
FIGURE 43 YOKOGAWA: WINNING IMPERATIVES
FIGURE 44 HONEYWELL INTERNATIONAL INC.: COMPANY SNAPSHOT
FIGURE 45 HONEYWELL: WINNING IMPERATIVES
FIGURE 46 MITSUBISHI ELECTRIC CORPORATION: COMPANY SNAPSHOT
FIGURE 47 MITSUBISHI ELECTRIC CORPORATION: WINNING IMPERATIVES
FIGURE 48 SCHNEIDER ELECTRIC SE: COMPANY SNAPSHOT
FIGURE 49 SCHNEIDER ELECTRIC SE: WINNING IMPERATIVES
FIGURE 50 FANUC CORPORATION: COMPANY SNAPSHOT
FIGURE 51 FANUC CORPORATION: WINNING IMPERATIVES
FIGURE 52 FORTIVE: COMPANY SNAPSHOT
FIGURE 53 INTERNATIONAL BUSINESS MACHINES CORPORATION: COMPANY SNAPSHOT
FIGURE 54 CISCO SYSTEMS INC.: COMPANY SNAPSHOT
FIGURE 55 MICROSOFT CORPORATION: COMPANY SNAPSHOT
FIGURE 56 STRATASYS LTD: COMPANY SNAPSHOT
FIGURE 57 HEWLETT PACKARD ENTERPRISE COMPANY: COMPANY SNAPSHOT
FIGURE 58 QUALCOMM INC.: COMPANY SNAPSHOT
FIGURE 59 SAMSUNG ELECTRONICS CO. LTD: COMPANY SNAPSHOT
FIGURE 60 TEXAS INSTRUMENTS INC.: COMPANY SNAPSHOT
FIGURE 61 ATOS SE: COMPANY SNAPSHOT

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FIGURE 62 3D SYSTEMS CORPORATION: COMPANY SNAPSHOT
FIGURE 63 DENSO CORPORATION: COMPANY SNAPSHOT

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