

Connected Mining Market by Offering (Solutions (Asset Tracking and Optimization, Fleet Management) and Services (Professional, Managed)), Mining Type (Surface, Underground), Application, Deployment Mode and Region - Global Forecast to 2028

<https://marketpublishers.com/r/CC5A264B6ABEN.html>

Date: August 2023

Pages: 253

Price: US\$ 4,950.00 (Single User License)

ID: CC5A264B6ABEN

Abstracts

The global connected mining market is expected worth 13.3 billion in 2023 and USD 22.7 billion by 2028, growing at CAGR of 11.3% during the forecast period. The connected mining market is witnessing remarkable growth driven by technological advancements and the quest for operational excellence. The industry is realizing the potential of connected mining solutions in optimizing processes, ensuring worker safety, and improving overall efficiency. Connected mining empowers companies to leverage IoT, cloud computing, and data analytics to enable real-time monitoring, remote collaboration, and informed decision-making. This transformative approach reshapes the mining industry, driving productivity, sustainability, and cost-effectiveness. From exploration to resource management, connected mining solutions offer a seamless and integrated approach to enhance operational performance and maintain a competitive edge in the dynamic mining landscape.

The Solution segment to record the higher market share during the forecast period

During the forecast period, the Solution segment is expected to record a higher market share in the connected mining market. Connected mining solutions encompass a comprehensive range of technologies and software applications that enable mining companies to optimize their operations and enhance productivity. The demand for integrated and tailored solutions will surge as the industry continues prioritizing digital transformation and operational efficiency. The Solution segment is poised to dominate the market, providing mining companies the tools and capabilities to address their

specific challenges and achieve sustainable growth in a highly competitive landscape.

The Asset tracking and optimization segment to record the higher market share during the forecast period

The Asset Tracking and Optimization segment is expected to record a higher market share during the forecast period in the connected mining market. This segment focuses on solutions that enable mining companies to track and optimize their assets, including vehicles, equipment, and machinery. By leveraging technologies like IoT, GPS, and advanced analytics, mining companies can gain real-time visibility into their assets, enhance operational efficiency, and maximize productivity. The ability to monitor asset location, performance, and utilization empowers mining companies to make data-driven decisions, improve maintenance planning, and optimize resource allocation. As mining companies increasingly recognize the importance of asset tracking and optimization for cost savings and operational excellence, the Asset Tracking and Optimization segment is poised to dominate the market, driving innovation, and reshaping how mining assets are managed.

Asia Pacific region to grow at a higher CAGR during the forecast period

During the forecast period, the Asia Pacific region is projected to experience a higher compound annual growth rate (CAGR) in the connected mining market. The Asia Pacific region boasts significant mineral reserves and is witnessing substantial growth in mining activities. The increasing adoption of advanced technologies, such as IoT, AI, and cloud computing, in the region's mining industry is driving the demand for connected mining solutions. Moreover, rapid industrialization, urbanization, and infrastructure development fuel the need for efficient resource management and optimized mining operations. As a result, the Asia Pacific region presents lucrative opportunities for connected mining solution providers, positioning it as a key growth market during the forecast period.

Breakdown of primaries

The study contains insights from various industry experts, from solution vendors to Tier 1 companies. The breakdown of the primaries is as follows:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C-level – 35%, Directors – 25%, and Others – 40%

By Region: North America –45%, Europe –20%, APAC – 30%, ROW -5%

The major players in the connected mining market are ABB (Switzerland), IBM (US), SAP (Germany), Cisco (US), Schneider Electric (France), Komatsu (Japan), Hexagon (Sweden), Caterpillar (US), Rockwell Automation (US), Trimble (US), Siemens (Germany), Howden (Scotland), Accenture (Ireland), PTC (US), Hitachi (Japan), Eurotech Communication (Israel), Wipro (India), MST Global (US), GE Digital (US), Symboticware (Canada), Getac (Taiwan), IntelliSense.io (UK), Zyfra (Finland), Axora (UK), GroundHog (US), SmartMining SpA (Chile), and Applied Vehicle Analysis (Africa). These players have adopted various growth strategies, such as partnerships, agreements and collaborations, product launches and enhancements, and acquisitions to expand their footprint in the connected mining market.

Research Coverage

The market study covers the connected mining market across different segments. It aims at estimating the market size and the growth potential across different segments based on offerings, services, applications, end users, applications, and regions. The study also includes an in-depth competitive analysis of the key market players, their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the global connected mining market and its subsegments. This report will help stakeholders understand the competitive landscape and gain insights to position their businesses better and plan suitable go-to-market strategies. Moreover, the report will provide insights for stakeholders to understand the market's pulse and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

The connected mining market report identifies several key drivers for its growth, including the rising demand for operational efficiency, safety, and sustainability in the

mining industry. Mining operations' increasing complexity and scale necessitate seamless communication and data-driven decision-making, driving the adoption of connected mining solutions. Additionally, advancements in technologies such as IoT, AI, and cloud computing enable real-time monitoring, automation, and optimization of mining processes. While the report acknowledges potential challenges like the need for skilled professionals and regulatory compliance, it highlights significant opportunities for growth, such as improved resource management, reduced downtime, and enhanced worker safety. With increasing adoption of connected mining solutions and the industry's focus on digital transformation, the report provides the outlook for the connected mining market during the forecast period.

Product Development/Innovation: Detailed insights on coming technologies, R&D activities, and product & solution launches in the connected mining market
Market Development: Comprehensive information about lucrative markets – the report analyses the connected mining market across varied regions
Market Diversification: Exhaustive information about new products & solutions being developed, untapped geographies, recent developments, and investments in the connected mining market
Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like ABB (Switzerland), IBM (US), SAP (Germany), Cisco (US), Schneider Electric (France), Komatsu (Japan), Hexagon (Sweden), Caterpillar (US), Rockwell Automation (US), Trimble (US), Siemens (Germany), Howden (Scotland), Accenture (Ireland), PTC (US), Hitachi (Japan), Eurotech Communication (Israel), Wipro (India), MST Global (US), GE Digital (US), Symboticware (Canada), Getac (Taiwan), IntelliSense.io (UK), Zyfra (Finland), Axora (UK), GroundHog (US), SmartMining SpA (Chile), and Applied Vehicle Analysis (Africa).

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 MARKET SCOPE

1.3.1 MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.3.3 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

TABLE 1 USD EXCHANGE RATE, 2019–2022

1.5 STAKEHOLDERS

1.6 SUMMARY OF CHANGES

2 INTRODUCTION

2.1 RESEARCH DATA

FIGURE 1 CONNECTED MINING MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.2 PRIMARY DATA

2.1.2.1 Breakdown of primary interviews

2.2 MARKET BREAKUP AND DATA TRIANGULATION

2.3 MARKET SIZE ESTIMATION

FIGURE 2 RESEARCH METHODOLOGY: APPROACH

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY-APPROACH 1 (SUPPLY-SIDE): REVENUE OF OFFERINGS IN MARKET

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY-APPROACH 2 (SUPPLY-SIDE): COLLECTIVE REVENUE OF ALL OFFERINGS IN MARKET

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY- APPROACH 2 (DEMAND-SIDE): CONNECTED MINING MARKET

2.4 COMPANY EVALUATION MATRIX RESEARCH METHODOLOGY

FIGURE 6 COMPANY EVALUATION MATRIX: CRITERIA WEIGHTAGE

2.5 MARKET FORECAST

TABLE 2 FACTOR ANALYSIS

2.6 RESEARCH ASSUMPTIONS

TABLE 3 STUDY ASSUMPTIONS

2.7 STUDY LIMITATIONS

2.8 RECESSION IMPACT

FIGURE 7 RECESSION IMPACT: CONNECTED MINING MARKET

3 EXECUTIVE SUMMARY

FIGURE 8 CONNECTED MINING MARKET, 2022–2028

FIGURE 9 LEADING SEGMENTS IN CONNECTED MINING MARKET IN 2023

FIGURE 10 CONNECTED MINING MARKET: REGIONAL SNAPSHOT

FIGURE 11 ASIA PACIFIC TO EMERGE AS BEST MARKET FOR INVESTMENTS DURING 2023–2028

4 PREMIUM INSIGHTS

4.1 BRIEF OVERVIEW OF CONNECTED MINING MARKET

FIGURE 12 NEED FOR OPERATIONAL EFFICIENCY IN MINING TO IMPACT MARKET GROWTH

4.2 NORTH AMERICA: CONNECTED MINING MARKET, BY TOP SOLUTION AND MINING TYPE

FIGURE 13 NORTH AMERICA: ASSET TRACKING & OPTIMIZATION AND SURFACE SEGMENT TO ACCOUNT FOR LARGEST RESPECTIVE MARKET SHARES

4.3 EUROPE: CONNECTED MINING MARKET, BY TOP SOLUTION AND MINING TYPE

FIGURE 14 EUROPE: ASSET TRACKING & OPTIMIZATION AND SURFACE MINING SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARES

4.4 ASIA PACIFIC: CONNECTED MINING MARKET, BY TOP SOLUTION AND MINING TYPE

FIGURE 15 ASIA PACIFIC: ASSET TRACKING & OPTIMIZATION AND SURFACE MINING SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARES

5 MARKET OVERVIEW AND INDUSTRY TRENDS

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 16 CONNECTED MINING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Mining 4.0 initiative in industries paving way for connected mining

5.2.1.2 Usage of sensors to improve operational and automated processes

5.2.1.3 Greater adoption of IoT to accelerate use of digital solutions in developing

connected mines

5.2.1.4 Provision of ventilation systems in mines to enhance safety and security of workers

5.2.2 RESTRAINTS

5.2.2.1 Depletion of natural resources and increase in population

5.2.3 OPPORTUNITIES

5.2.3.1 Rise in demand for digitalization

5.2.3.2 Need for metals and minerals

5.2.3.3 Emergence of 5G technology

5.2.4 CHALLENGES

5.2.4.1 Shortage of skilled labor

5.2.4.2 Differences in standards, models, interfaces, and protocols would impact convergence of IT and OT

5.3 VALUE CHAIN ANALYSIS

FIGURE 17 CONNECTED MINING MARKET: VALUE CHAIN ANALYSIS

5.4 ECOSYSTEM

TABLE 4 CONNECTED MINING MARKET: ECOSYSTEM

5.5 PORTER'S FIVE FORCES MODEL

TABLE 5 CONNECTED MINING MARKET: PORTER'S FIVE FORCES

5.5.1 THREAT OF NEW ENTRANTS

5.5.2 THREAT OF SUBSTITUTES

5.5.3 BARGAINING POWER OF SUPPLIERS

5.5.4 BARGAINING POWER OF BUYERS

5.5.5 INTENSITY OF COMPETITIVE RIVALRY

5.6 PATENT ANALYSIS

FIGURE 18 TOP TEN COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS

TABLE 6 TOP TWENTY PATENT OWNERS (US)

FIGURE 19 NUMBER OF PATENTS GRANTED DURING 2011–2022

5.7 PRICING ANALYSIS

5.7.1 PRICING, BY INTEGRATED SOLUTION

TABLE 7 PRICING, BY INTEGRATED SOLUTION

5.7.2 PRICING, BY STANDALONE SOLUTION

TABLE 8 PRICING, BY STANDALONE SOLUTION

5.8 TECHNOLOGY ANALYSIS

5.8.1 ARTIFICIAL INTELLIGENCE

5.8.2 BLOCKCHAIN

5.8.3 INTERNET OF THINGS

5.8.4 CLOUD COMPUTING

5.8.5 ROBOTICS

5.8.6 BIG DATA AND ANALYTICS

5.9 KEY CONFERENCES AND EVENTS IN 2023–2024

TABLE 9 CONNECTED MINING MARKET: DETAILED LIST OF CONFERENCES AND EVENTS

5.10 REGULATORY LANDSCAPE

5.10.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.10.1.1 Workplace Safety Law

5.10.1.2 Health and Safety at Work Act

5.10.1.3 Occupational Safety and Health Act

5.10.1.4 Small Business Regulatory Enforcement Fairness Act

5.10.1.5 General Data Protection Regulation

5.10.1.6 Cloud Standard Customer Council

5.10.1.7 Health Insurance Portability and Accountability Act

5.10.1.8 ISO 45001:2018

5.10.1.9 International Labour Organization

5.10.1.10 National Institute for Occupational Safety and Health

5.10.1.11 National Safety Council

5.11 CASE STUDY ANALYSIS

5.11.1 CASE STUDY 1: IMPLEMENTATION OF ACCENTURE LIFE SAFETY SOLUTION TO ACHIEVE OPERATIONAL EFFICIENCY

5.11.2 CASE STUDY 2: SHELL AND IBM DEVELOPED OREN TO SUPPORT DIGITAL TRANSFORMATION FOR MINING INDUSTRY

5.11.3 CASE STUDY 3: SIGNIFICANT GROWTH IN PRODUCTION CAPACITY OBSERVED WITH HELP OF HITACHI MACHINERY

5.11.4 CASE STUDY 4: DEPLOYMENT OF CISCO'S CONNECTED MINING SOLUTIONS TO SUPPORT DIGITAL TRANSFORMATION

5.11.5 CASE STUDY 5: DEPLOYMENT OF VELOCITY EHS TO IMPROVE SAFETY STANDARDS

5.11.6 CASE STUDY 6: RIO TINTO CHOSE CATERPILLAR TO CREATE CONNECTED VALUE CHAIN IN GUDAI-DARRI MINE

5.12 KEY STAKEHOLDERS AND BUYING CRITERIA

5.12.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 20 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS (%)

TABLE 10 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS

5.12.2 BUYING CRITERIA

FIGURE 21 KEY BUYING CRITERIA

TABLE 11 KEY BUYING CRITERIA FOR CONNECTED MINING

5.13 EVOLUTION OF CONNECTED MINING TECHNOLOGY

5.13.1 EARLY ADOPTERS AND WIRELESS COMMUNICATION (LATE 1990S–EARLY 2000S)

5.13.2 SENSOR INTEGRATION AND MONITORING SYSTEMS (EARLY 2000S–MID-2010S)

5.13.3 INTERNET OF THINGS (IOT) AND DATA ANALYTICS (MID-2010S–PRESENT)

5.13.4 AUTOMATION AND ROBOTICS (LATE 2010S–PRESENT)

5.13.5 INTEGRATION WITH CLOUD COMPUTING AND ARTIFICIAL INTELLIGENCE (PRESENT AND FUTURE)

5.13.6 EMPHASIS ON SUSTAINABILITY AND ENVIRONMENTAL MONITORING (PRESENT AND FUTURE)

5.14 FUTURE DIRECTION OF CONNECTED MINING MARKET LANDSCAPE

5.14.1 ADVANCED AUTOMATION AND ROBOTICS

5.14.2 EDGE COMPUTING AND REAL-TIME ANALYTICS

5.14.3 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

5.14.4 ENHANCED SAFETY AND HEALTH MONITORING

5.14.5 SUSTAINABLE MINING PRACTICES

5.14.6 INTEGRATION OF BLOCKCHAIN AND SUPPLY CHAIN TRANSPARENCY

5.14.7 COLLABORATIVE ECOSYSTEMS AND DIGITAL TWINS

5.15 CONNECTED MINING MARKET: IMPACT ON ADJACENT NICHE TECHNOLOGIES

5.15.1 INTERNET OF THINGS (IOT)

5.15.2 BIG DATA AND ANALYTICS

5.15.3 ARTIFICIAL INTELLIGENCE (AI) AND MACHINE LEARNING

5.15.4 ROBOTICS AND AUTOMATION

5.15.5 REMOTE SENSING AND GEOSPATIAL TECHNOLOGIES

5.15.6 COMMUNICATION AND CONNECTIVITY

6 CONNECTED MINING MARKET, BY OFFERING

6.1 INTRODUCTION

FIGURE 22 SOLUTIONS SEGMENT TO HOLD LARGER MARKET SIZE DURING FORECAST PERIOD

TABLE 12 CONNECTED MINING MARKET, BY OFFERING, 2018–2022 (USD MILLION)

TABLE 13 CONNECTED MINING MARKET, BY OFFERING, 2023–2028 (USD MILLION)

6.2 SOLUTIONS

6.2.1 SOLUTIONS: CONNECTED MINING MARKET DRIVERS

TABLE 14 SOLUTIONS: CONNECTED MINING MARKET, BY REGION, 2018–2022
(USD MILLION)

TABLE 15 SOLUTIONS: CONNECTED MINING MARKET, BY REGION, 2023–2028
(USD MILLION)

6.3 SERVICES

6.3.1 SERVICES: CONNECTED MINING MARKET DRIVERS

TABLE 16 SERVICES: CONNECTED MINING MARKET, BY REGION, 2018–2022
(USD MILLION)

TABLE 17 SERVICES: CONNECTED MINING MARKET, BY REGION, 2023–2028
(USD MILLION)

7 CONNECTED MINING MARKET, BY SOLUTION

7.1 INTRODUCTION

FIGURE 23 ASSET TRACKING & OPTIMIZATION SEGMENT TO HOLD LARGEST
MARKET SIZE DURING FORECAST PERIOD

TABLE 18 CONNECTED MINING MARKET, BY SOLUTION, 2018–2022 (USD
MILLION)

TABLE 19 CONNECTED MINING MARKET, BY SOLUTION, 2023–2028 (USD
MILLION)

7.2 ASSET TRACKING AND OPTIMIZATION

7.2.1 ASSET TRACKING & OPTIMIZATION: CONNECTED MINING MARKET
DRIVERS

TABLE 20 ASSET TRACKING & OPTIMIZATION: CONNECTED MINING MARKET,
BY REGION, 2018–2022 (USD MILLION)

TABLE 21 ASSET TRACKING & OPTIMIZATION: CONNECTED MINING MARKET,
BY REGION, 2023–2028 (USD MILLION)

7.3 FLEET MANAGEMENT

7.3.1 FLEET MANAGEMENT: CONNECTED MINING MARKET DRIVERS

TABLE 22 FLEET MANAGEMENT: CONNECTED MINING MARKET, BY REGION,
2018–2022 (USD MILLION)

TABLE 23 FLEET MANAGEMENT: CONNECTED MINING MARKET, BY REGION,
2023–2028 (USD MILLION)

7.4 INDUSTRIAL SAFETY & SECURITY

7.4.1 INDUSTRIAL SAFETY & SECURITY: CONNECTED MINING MARKET
DRIVERS

TABLE 24 INDUSTRIAL SAFETY & SECURITY: CONNECTED MINING MARKET, BY
REGION, 2018–2022 (USD MILLION)

TABLE 25 INDUSTRIAL SAFETY & SECURITY: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

7.5 WORKFORCE MANAGEMENT

7.5.1 WORKFORCE MANAGEMENT: CONNECTED MINING MARKET DRIVERS

TABLE 26 WORKFORCE MANAGEMENT: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 27 WORKFORCE MANAGEMENT: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

7.6 ANALYTICS AND REPORTING

7.6.1 ANALYTICS & REPORTING: CONNECTED MINING MARKET DRIVERS

TABLE 28 ANALYTICS & REPORTING: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 29 ANALYTICS & REPORTING: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

7.7 PROCESS CONTROL

7.7.1 PROCESS CONTROL: CONNECTED MINING MARKET DRIVERS

TABLE 30 PROCESS CONTROL: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 31 PROCESS CONTROL: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

7.8 OTHER SOLUTIONS

7.8.1 OTHER SOLUTIONS: CONNECTED MINING MARKET DRIVERS

TABLE 32 OTHER SOLUTIONS: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 33 OTHER SOLUTIONS: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

8 CONNECTED MINING MARKET, BY SERVICE

8.1 INTRODUCTION

FIGURE 24 PROFESSIONAL SERVICES TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

TABLE 34 CONNECTED MINING MARKET, BY SERVICE, 2018–2022 (USD MILLION)

TABLE 35 CONNECTED MINING MARKET, BY SERVICE, 2023–2028 (USD MILLION)

8.2 PROFESSIONAL SERVICES

8.2.1 PROFESSIONAL SERVICES: CONNECTED MINING MARKET DRIVERS

FIGURE 25 INTEGRATION & DEPLOYMENT TO LEAD MARKET DURING FORECAST PERIOD

TABLE 36 PROFESSIONAL SERVICES: CONNECTED MINING MARKET, BY TYPE,

2018–2022 (USD MILLION)

TABLE 37 PROFESSIONAL SERVICES: CONNECTED MINING MARKET, BY TYPE,
2023–2028 (USD MILLION)

TABLE 38 PROFESSIONAL SERVICES: CONNECTED MINING MARKET, BY
REGION, 2018–2022 (USD MILLION)

TABLE 39 PROFESSIONAL SERVICES: CONNECTED MINING MARKET, BY
REGION, 2023–2028 (USD MILLION)

8.2.2 CONSULTING

TABLE 40 CONSULTING: CONNECTED MINING MARKET, BY REGION, 2018–2022
(USD MILLION)

TABLE 41 CONSULTING: CONNECTED MINING MARKET, BY REGION, 2023–2028
(USD MILLION)

8.2.3 INTEGRATION & DEPLOYMENT

TABLE 42 INTEGRATION & DEPLOYMENT: CONNECTED MINING MARKET, BY
REGION, 2018–2022 (USD MILLION)

TABLE 43 INTEGRATION & DEPLOYMENT: CONNECTED MINING MARKET, BY
REGION, 2023–2028 (USD MILLION)

8.2.4 SUPPORT & MAINTENANCE

TABLE 44 SUPPORT & MAINTENANCE: CONNECTED MINING MARKET, BY
REGION, 2018–2022 (USD MILLION)

TABLE 45 SUPPORT & MAINTENANCE: CONNECTED MINING MARKET, BY
REGION, 2023–2028 (USD MILLION)

8.3 MANAGED SERVICES

8.3.1 MANAGED SERVICES: CONNECTED MINING MARKET DRIVERS

TABLE 46 MANAGED SERVICES: CONNECTED MINING MARKET, BY REGION,
2018–2022 (USD MILLION)

TABLE 47 MANAGED SERVICES: CONNECTED MINING MARKET, BY REGION,
2023–2028 (USD MILLION)

9 CONNECTED MINING MARKET, BY APPLICATION

9.1 INTRODUCTION

FIGURE 26 EXPLORATION SEGMENT TO HOLD LARGEST MARKET SIZE DURING
FORECAST PERIOD

TABLE 48 CONNECTED MINING MARKET, BY APPLICATION, 2018–2022 (USD
MILLION)

TABLE 49 CONNECTED MINING MARKET, BY APPLICATION, 2023–2028 (USD
MILLION)

9.2 EXPLORATION

9.2.1 EXPLORATION: CONNECTED MINING MARKET DRIVERS

TABLE 50 EXPLORATION: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 51 EXPLORATION: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

9.3 PROCESSING & REFINING

9.3.1 PROCESSING & REFINING: CONNECTED MINING MARKET DRIVERS

TABLE 52 PROCESSING & REFINING: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 53 PROCESSING & REFINING: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

9.4 TRANSPORTATION

9.4.1 TRANSPORTATION: CONNECTED MINING MARKET DRIVERS

TABLE 54 TRANSPORTATION: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 55 TRANSPORTATION: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

10 CONNECTED MINING MARKET, BY DEPLOYMENT MODE

10.1 INTRODUCTION

FIGURE 27 CLOUD SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 56 CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2018–2022 (USD MILLION)

TABLE 57 CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2023–2028 (USD MILLION)

10.2 ON-PREMISES

10.2.1 ON-PREMISES: CONNECTED MINING MARKET DRIVERS

TABLE 58 ON-PREMISES: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 59 ON-PREMISES: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

10.3 CLOUD

10.3.1 CLOUD: CONNECTED MINING MARKET DRIVERS

TABLE 60 CLOUD: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 61 CLOUD: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

11 CONNECTED MINING MARKET, BY MINING TYPE

11.1 INTRODUCTION

FIGURE 28 SURFACE SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 62 CONNECTED MINING MARKET, BY MINING TYPE, 2018–2022 (USD MILLION)

TABLE 63 CONNECTED MINING MARKET, BY MINING TYPE, 2023–2028 (USD MILLION)

11.2 SURFACE

11.2.1 SURFACE: CONNECTED MINING MARKET DRIVERS

TABLE 64 SURFACE: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 65 SURFACE: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

11.3 UNDERGROUND

11.3.1 UNDERGROUND: CONNECTED MINING MARKET DRIVERS

TABLE 66 UNDERGROUND: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 67 UNDERGROUND: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

12 CONNECTED MINING MARKET, BY REGION

12.1 INTRODUCTION

FIGURE 29 ASIA PACIFIC TO HOLD LARGEST MARKET SIZE DURING FORECAST PERIOD

FIGURE 30 ASIA PACIFIC TO REGISTER HIGHEST CAGR FROM 2023 TO 2028

TABLE 68 CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 69 CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

12.2 NORTH AMERICA

12.2.1 NORTH AMERICA: CONNECTED MINING MARKET DRIVERS

12.2.2 NORTH AMERICA: RECESSION IMPACT

12.2.3 NORTH AMERICA: REGULATORY NORMS

FIGURE 31 NORTH AMERICA: MARKET SNAPSHOT

TABLE 70 NORTH AMERICA: CONNECTED MINING MARKET, BY OFFERING, 2018–2022 (USD MILLION)

TABLE 71 NORTH AMERICA: CONNECTED MINING MARKET, BY OFFERING,

2023–2028 (USD MILLION)

TABLE 72 NORTH AMERICA: CONNECTED MINING MARKET, BY SOLUTION,
2018–2022 (USD MILLION)

TABLE 73 NORTH AMERICA: CONNECTED MINING MARKET, BY SOLUTION,
2023–2028 (USD MILLION)

TABLE 74 NORTH AMERICA: CONNECTED MINING MARKET, BY SERVICE,
2018–2022 (USD MILLION)

TABLE 75 NORTH AMERICA: CONNECTED MINING MARKET, BY SERVICE,
2023–2028 (USD MILLION)

TABLE 76 NORTH AMERICA: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2018–2022 (USD MILLION)

TABLE 77 NORTH AMERICA: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2023–2028 (USD MILLION)

TABLE 78 NORTH AMERICA: CONNECTED MINING MARKET, BY MINING TYPE,
2018–2022 (USD MILLION)

TABLE 79 NORTH AMERICA: CONNECTED MINING MARKET, BY MINING TYPE,
2023–2028 (USD MILLION)

TABLE 80 NORTH AMERICA: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2018–2022 (USD MILLION)

TABLE 81 NORTH AMERICA: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2023–2028 (USD MILLION)

TABLE 82 NORTH AMERICA: CONNECTED MINING MARKET, BY APPLICATION,
2018–2022 (USD MILLION)

TABLE 83 NORTH AMERICA: CONNECTED MINING MARKET, BY APPLICATION,
2023–2028 (USD MILLION)

TABLE 84 NORTH AMERICA: CONNECTED MINING MARKET, BY COUNTRY,
2018–2022 (USD MILLION)

TABLE 85 NORTH AMERICA: CONNECTED MINING MARKET, BY COUNTRY,
2023–2028 (USD MILLION)

12.2.4 UNITED STATES

TABLE 86 UNITED STATES: CONNECTED MINING MARKET, BY OFFERING,
2018–2022 (USD MILLION)

TABLE 87 UNITED STATES: CONNECTED MINING MARKET, BY OFFERING,
2023–2028 (USD MILLION)

TABLE 88 UNITED STATES: CONNECTED MINING MARKET, BY SOLUTION,
2018–2022 (USD MILLION)

TABLE 89 UNITED STATES: CONNECTED MINING MARKET, BY SOLUTION,
2023–2028 (USD MILLION)

TABLE 90 UNITED STATES: CONNECTED MINING MARKET, BY SERVICE,

2018–2022 (USD MILLION)

TABLE 91 UNITED STATES: CONNECTED MINING MARKET, BY SERVICE,
2023–2028 (USD MILLION)

TABLE 92 UNITED STATES: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2018–2022 (USD MILLION)

TABLE 93 UNITED STATES: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2023–2028 (USD MILLION)

TABLE 94 UNITED STATES: CONNECTED MINING MARKET, BY MINING TYPE,
2018–2022 (USD MILLION)

TABLE 95 UNITED STATES: CONNECTED MINING MARKET, BY MINING TYPE,
2023–2028 (USD MILLION)

TABLE 96 UNITED STATES: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2018–2022 (USD MILLION)

TABLE 97 UNITED STATES: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2023–2028 (USD MILLION)

TABLE 98 UNITED STATES: CONNECTED MINING MARKET, BY APPLICATION,
2018–2022 (USD MILLION)

TABLE 99 UNITED STATES: CONNECTED MINING MARKET, BY APPLICATION,
2023–2028 (USD MILLION)

12.2.5 CANADA

12.3 EUROPE

12.3.1 EUROPE: CONNECTED MINING MARKET DRIVERS

12.3.2 EUROPE: RECESSION IMPACT

12.3.3 EUROPE: REGULATORY NORMS

TABLE 100 EUROPE: CONNECTED MINING MARKET, BY OFFERING, 2018–2022
(USD MILLION)

TABLE 101 EUROPE: CONNECTED MINING MARKET, BY OFFERING, 2023–2028
(USD MILLION)

TABLE 102 EUROPE: CONNECTED MINING MARKET, BY SOLUTION, 2018–2022
(USD MILLION)

TABLE 103 EUROPE: CONNECTED MINING MARKET, BY SOLUTION, 2023–2028
(USD MILLION)

TABLE 104 EUROPE: CONNECTED MINING MARKET, BY SERVICE, 2018–2022
(USD MILLION)

TABLE 105 EUROPE: CONNECTED MINING MARKET, BY SERVICE, 2023–2028
(USD MILLION)

TABLE 106 EUROPE: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2018–2022 (USD MILLION)

TABLE 107 EUROPE: CONNECTED MINING MARKET, BY PROFESSIONAL

SERVICE, 2023–2028 (USD MILLION)

TABLE 108 EUROPE: CONNECTED MINING MARKET, BY MINING TYPE, 2018–2022 (USD MILLION)

TABLE 109 EUROPE: CONNECTED MINING MARKET, BY MINING TYPE, 2023–2028 (USD MILLION)

TABLE 110 EUROPE: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2018–2022 (USD MILLION)

TABLE 111 EUROPE: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2023–2028 (USD MILLION)

TABLE 112 EUROPE: CONNECTED MINING MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 113 EUROPE: CONNECTED MINING MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 114 EUROPE: CONNECTED MINING MARKET, BY COUNTRY, 2018–2022 (USD MILLION)

TABLE 115 EUROPE: CONNECTED MINING MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

12.3.4 RUSSIA

TABLE 116 RUSSIA: CONNECTED MINING MARKET, BY OFFERING, 2018–2022 (USD MILLION)

TABLE 117 RUSSIA: CONNECTED MINING MARKET, BY OFFERING, 2023–2028 (USD MILLION)

TABLE 118 RUSSIA: CONNECTED MINING MARKET, BY SOLUTION, 2018–2022 (USD MILLION)

TABLE 119 RUSSIA: CONNECTED MINING MARKET, BY SOLUTION, 2023–2028 (USD MILLION)

TABLE 120 RUSSIA: CONNECTED MINING MARKET, BY SERVICE, 2018–2022 (USD MILLION)

TABLE 121 RUSSIA: CONNECTED MINING MARKET, BY SERVICE, 2023–2028 (USD MILLION)

TABLE 122 RUSSIA: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2018–2022 (USD MILLION)

TABLE 123 RUSSIA: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2023–2028 (USD MILLION)

TABLE 124 RUSSIA: CONNECTED MINING MARKET, BY MINING TYPE, 2018–2022 (USD MILLION)

TABLE 125 RUSSIA: CONNECTED MINING MARKET, BY MINING TYPE, 2023–2028 (USD MILLION)

TABLE 126 RUSSIA: CONNECTED MINING MARKET, BY DEPLOYMENT MODE,

2018–2022 (USD MILLION)

TABLE 127 RUSSIA: CONNECTED MINING MARKET, BY DEPLOYMENT MODE,
2023–2028 (USD MILLION)

TABLE 128 RUSSIA: CONNECTED MINING MARKET, BY APPLICATION, 2018–2022
(USD MILLION)

TABLE 129 RUSSIA: CONNECTED MINING MARKET, BY APPLICATION, 2023–2028
(USD MILLION)

12.3.5 UK

12.3.6 GERMANY

12.3.7 REST OF EUROPE

12.4 ASIA PACIFIC

12.4.1 ASIA PACIFIC: CONNECTED MINING MARKET DRIVERS

12.4.2 ASIA PACIFIC: RECESSION IMPACT

12.4.3 ASIA PACIFIC: REGULATORY NORMS

FIGURE 32 ASIA PACIFIC: MARKET SNAPSHOT

TABLE 130 ASIA PACIFIC: CONNECTED MINING MARKET, BY OFFERING,
2018–2022 (USD MILLION)

TABLE 131 ASIA PACIFIC: CONNECTED MINING MARKET, BY OFFERING,
2023–2028 (USD MILLION)

TABLE 132 ASIA PACIFIC: CONNECTED MINING MARKET, BY SOLUTION,
2018–2022 (USD MILLION)

TABLE 133 ASIA PACIFIC: CONNECTED MINING MARKET, BY SOLUTION,
2023–2028 (USD MILLION)

TABLE 134 ASIA PACIFIC: CONNECTED MINING MARKET, BY SERVICE,
2018–2022 (USD MILLION)

TABLE 135 ASIA PACIFIC: CONNECTED MINING MARKET, BY SERVICE,
2023–2028 (USD MILLION)

TABLE 136 ASIA PACIFIC: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2018–2022 (USD MILLION)

TABLE 137 ASIA PACIFIC: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2023–2028 (USD MILLION)

TABLE 138 ASIA PACIFIC: CONNECTED MINING MARKET, BY MINING TYPE,
2018–2022 (USD MILLION)

TABLE 139 ASIA PACIFIC: CONNECTED MINING MARKET, BY MINING TYPE,
2023–2028 (USD MILLION)

TABLE 140 ASIA PACIFIC: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2018–2022 (USD MILLION)

TABLE 141 ASIA PACIFIC: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2023–2028 (USD MILLION)

TABLE 142 ASIA PACIFIC: CONNECTED MINING MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 143 ASIA PACIFIC: CONNECTED MINING MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 144 ASIA PACIFIC: CONNECTED MINING MARKET, BY COUNTRY, 2018–2022 (USD MILLION)

TABLE 145 ASIA PACIFIC: CONNECTED MINING MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

12.4.4 CHINA

TABLE 146 CHINA: CONNECTED MINING MARKET, BY OFFERING, 2018–2022 (USD MILLION)

TABLE 147 CHINA: CONNECTED MINING MARKET, BY OFFERING, 2023–2028 (USD MILLION)

TABLE 148 CHINA: CONNECTED MINING MARKET, BY SOLUTION, 2018–2022 (USD MILLION)

TABLE 149 CHINA: CONNECTED MINING MARKET, BY SOLUTION, 2023–2028 (USD MILLION)

TABLE 150 CHINA: CONNECTED MINING MARKET, BY SERVICE, 2018–2022 (USD MILLION)

TABLE 151 CHINA: CONNECTED MINING MARKET, BY SERVICE, 2023–2028 (USD MILLION)

TABLE 152 CHINA: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2018–2022 (USD MILLION)

TABLE 153 CHINA: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2023–2028 (USD MILLION)

TABLE 154 CHINA: CONNECTED MINING MARKET, BY MINING TYPE, 2018–2022 (USD MILLION)

TABLE 155 CHINA: CONNECTED MINING MARKET, BY MINING TYPE, 2023–2028 (USD MILLION)

TABLE 156 CHINA: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2018–2022 (USD MILLION)

TABLE 157 CHINA: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2023–2028 (USD MILLION)

TABLE 158 CHINA: CONNECTED MINING MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 159 CHINA: CONNECTED MINING MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

12.4.5 AUSTRALIA

12.4.6 INDIA

12.4.7 REST OF ASIA PACIFIC

12.5 MIDDLE EAST & AFRICA

12.5.1 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET DRIVERS

12.5.2 MIDDLE EAST & AFRICA: RECESSION IMPACT

12.5.3 MIDDLE EAST & AFRICA: REGULATORY NORMS

TABLE 160 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY OFFERING, 2018–2022 (USD MILLION)

TABLE 161 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY OFFERING, 2023–2028 (USD MILLION)

TABLE 162 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY SOLUTION, 2018–2022 (USD MILLION)

TABLE 163 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY SOLUTION, 2023–2028 (USD MILLION)

TABLE 164 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY SERVICE, 2018–2022 (USD MILLION)

TABLE 165 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY SERVICE, 2023–2028 (USD MILLION)

TABLE 166 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2018–2022 (USD MILLION)

TABLE 167 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2023–2028 (USD MILLION)

TABLE 168 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY MINING TYPE, 2018–2022 (USD MILLION)

TABLE 169 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY MINING TYPE, 2023–2028 (USD MILLION)

TABLE 170 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2018–2022 (USD MILLION)

TABLE 171 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2023–2028 (USD MILLION)

TABLE 172 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 173 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 174 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 175 MIDDLE EAST & AFRICA: CONNECTED MINING MARKET, BY REGION, 2023–2028 (USD MILLION)

12.5.4 MIDDLE EAST

TABLE 176 MIDDLE EAST: CONNECTED MINING MARKET, BY OFFERING,

2018–2022 (USD MILLION)

TABLE 177 MIDDLE EAST: CONNECTED MINING MARKET, BY OFFERING,
2023–2028 (USD MILLION)

TABLE 178 MIDDLE EAST: CONNECTED MINING MARKET, BY SOLUTION,
2018–2022 (USD MILLION)

TABLE 179 MIDDLE EAST: CONNECTED MINING MARKET, BY SOLUTION,
2023–2028 (USD MILLION)

TABLE 180 MIDDLE EAST: CONNECTED MINING MARKET, BY SERVICE,
2018–2022 (USD MILLION)

TABLE 181 MIDDLE EAST: CONNECTED MINING MARKET, BY SERVICE,
2023–2028 (USD MILLION)

TABLE 182 MIDDLE EAST: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2018–2022 (USD MILLION)

TABLE 183 MIDDLE EAST: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2023–2028 (USD MILLION)

TABLE 184 MIDDLE EAST: CONNECTED MINING MARKET, BY MINING TYPE,
2018–2022 (USD MILLION)

TABLE 185 MIDDLE EAST: CONNECTED MINING MARKET, BY MINING TYPE,
2023–2028 (USD MILLION)

TABLE 186 MIDDLE EAST: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2018–2022 (USD MILLION)

TABLE 187 MIDDLE EAST: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2023–2028 (USD MILLION)

TABLE 188 MIDDLE EAST: CONNECTED MINING MARKET, BY APPLICATION,
2018–2022 (USD MILLION)

TABLE 189 MIDDLE EAST: CONNECTED MINING MARKET, BY APPLICATION,
2023–2028 (USD MILLION)

12.5.5 AFRICA

12.6 LATIN AMERICA

12.6.1 LATIN AMERICA: CONNECTED MINING MARKET DRIVERS

12.6.2 LATIN AMERICA: RECESSION IMPACT

12.6.3 LATIN AMERICA: REGULATORY NORMS

TABLE 190 LATIN AMERICA: CONNECTED MINING MARKET, BY OFFERING,
2018–2022 (USD MILLION)

TABLE 191 LATIN AMERICA: CONNECTED MINING MARKET, BY OFFERING,
2023–2028 (USD MILLION)

TABLE 192 LATIN AMERICA: CONNECTED MINING MARKET, BY SOLUTION,
2018–2022 (USD MILLION)

TABLE 193 LATIN AMERICA: CONNECTED MINING MARKET, BY SOLUTION,

2023–2028 (USD MILLION)

TABLE 194 LATIN AMERICA: CONNECTED MINING MARKET, BY SERVICE,
2018–2022 (USD MILLION)

TABLE 195 LATIN AMERICA: CONNECTED MINING MARKET, BY SERVICE,
2023–2028 (USD MILLION)

TABLE 196 LATIN AMERICA: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2018–2022 (USD MILLION)

TABLE 197 LATIN AMERICA: CONNECTED MINING MARKET, BY PROFESSIONAL
SERVICE, 2023–2028 (USD MILLION)

TABLE 198 LATIN AMERICA: CONNECTED MINING MARKET, BY MINING TYPE,
2018–2022 (USD MILLION)

TABLE 199 LATIN AMERICA: CONNECTED MINING MARKET, BY MINING TYPE,
2023–2028 (USD MILLION)

TABLE 200 LATIN AMERICA: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2018–2022 (USD MILLION)

TABLE 201 LATIN AMERICA: CONNECTED MINING MARKET, BY DEPLOYMENT
MODE, 2023–2028 (USD MILLION)

TABLE 202 LATIN AMERICA: CONNECTED MINING MARKET, BY APPLICATION,
2018–2022 (USD MILLION)

TABLE 203 LATIN AMERICA: CONNECTED MINING MARKET, BY APPLICATION,
2023–2028 (USD MILLION)

TABLE 204 LATIN AMERICA: CONNECTED MINING MARKET, BY COUNTRY,
2018–2022 (USD MILLION)

TABLE 205 LATIN AMERICA: CONNECTED MINING MARKET, BY COUNTRY,
2023–2028 (USD MILLION)

12.6.4 BRAZIL

TABLE 206 BRAZIL: CONNECTED MINING MARKET, BY OFFERING, 2018–2022
(USD MILLION)

TABLE 207 BRAZIL: CONNECTED MINING MARKET, BY OFFERING, 2023–2028
(USD MILLION)

TABLE 208 BRAZIL: CONNECTED MINING MARKET, BY SOLUTION, 2018–2022
(USD MILLION)

TABLE 209 BRAZIL: CONNECTED MINING MARKET, BY SOLUTION, 2023–2028
(USD MILLION)

TABLE 210 BRAZIL: CONNECTED MINING MARKET, BY SERVICE, 2018–2022 (USD
MILLION)

TABLE 211 BRAZIL: CONNECTED MINING MARKET, BY SERVICE, 2023–2028 (USD
MILLION)

TABLE 212 BRAZIL: CONNECTED MINING MARKET, BY PROFESSIONAL

SERVICE, 2018–2022 (USD MILLION)

TABLE 213 BRAZIL: CONNECTED MINING MARKET, BY PROFESSIONAL SERVICE, 2023–2028 (USD MILLION)

TABLE 214 BRAZIL: CONNECTED MINING MARKET, BY MINING TYPE, 2018–2022 (USD MILLION)

TABLE 215 BRAZIL: CONNECTED MINING MARKET, BY MINING TYPE, 2023–2028 (USD MILLION)

TABLE 216 BRAZIL: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2018–2022 (USD MILLION)

TABLE 217 BRAZIL: CONNECTED MINING MARKET, BY DEPLOYMENT MODE, 2023–2028 (USD MILLION)

TABLE 218 BRAZIL: CONNECTED MINING MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 219 BRAZIL: CONNECTED MINING MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

12.6.5 MEXICO

12.6.6 REST OF LATIN AMERICA

13 COMPETITIVE LANDSCAPE

13.1 OVERVIEW

13.2 STRATEGIES ADOPTED BY KEY PLAYERS

13.2.1 PRODUCT LAUNCHES

TABLE 220 CONNECTED MINING MARKET: PRODUCT LAUNCHES, FEBRUARY 2020–JULY 2023

13.2.2 DEALS

TABLE 221 CONNECTED MINING MARKET: DEALS, JANUARY 2020–JULY 2023

13.3 MARKET SHARE ANALYSIS OF TOP PLAYERS

TABLE 222 CONNECTED MINING MARKET: DEGREE OF COMPETITION

13.4 HISTORICAL REVENUE ANALYSIS

FIGURE 33 HISTORICAL REVENUE ANALYSIS, 2020–2022

13.5 COMPANY EVALUATION MATRIX OVERVIEW

13.5.1 COMPANY EVALUATION MATRIX METHODOLOGY AND DEFINITIONS

TABLE 223 PRODUCT FOOTPRINT WEIGHTAGE

13.5.2 STARS

13.5.3 EMERGING LEADERS

13.5.4 PERVASIVE PLAYERS

13.5.5 PARTICIPANTS

FIGURE 34 CONNECTED MINING: COMPANY EVALUATION MATRIX, 2023

13.6 COMPANY PRODUCT FOOTPRINT ANALYSIS

TABLE 224 COMPANY PRODUCT FOOTPRINT

TABLE 225 COMPANY OFFERING FOOTPRINT

TABLE 226 COMPANY INDUSTRY FOOTPRINT

TABLE 227 COMPANY REGION FOOTPRINT

13.7 COMPANY MARKET RANKING ANALYSIS

FIGURE 35 RANKING OF KEY PLAYERS IN CONNECTED MINING MARKET, 2023

13.7.1 STARTUP/SME EVALUATION MATRIX METHODOLOGY AND DEFINITION

FIGURE 36 STARTUP/SME EVALUATION MATRIX: CRITERIA WEIGHTAGE

13.8 COMPETITIVE BENCHMARKING

TABLE 228 CONNECTED MINING: DETAILED LIST OF KEY STARTUP/SMES

TABLE 229 CONNECTED MINING MARKET: COMPETITIVE BENCHMARKING OF KEY PLAYERS (STARTUPS/SMES)

13.8.1 PROGRESSIVE COMPANIES

13.8.2 RESPONSIVE COMPANIES

13.8.3 DYNAMIC COMPANIES

13.8.4 STARTING BLOCKS

FIGURE 37 CONNECTED MINING MARKET (GLOBAL): STARTUP/SME EVALUATION MATRIX, 2023

14 COMPANY PROFILES

14.1 MAJOR COMPANIES

(Business overview, Products/Solutions/Services offered, Recent developments, Product launches, MnM view, Right to win, Strategic choices, and Weaknesses and competitive threats)*

14.1.1 CISCO

TABLE 230 CISCO: BUSINESS OVERVIEW

FIGURE 38 CISCO: COMPANY SNAPSHOT

TABLE 231 CISCO: PRODUCTS /SOLUTIONS/SERVICES OFFERED

TABLE 232 CISCO: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 233 CISCO: DEALS

14.1.2 IBM

TABLE 234 IBM: BUSINESS OVERVIEW

FIGURE 39 IBM: COMPANY SNAPSHOT

TABLE 235 IBM: PRODUCTS /SOLUTIONS/SERVICES OFFERED

TABLE 236 IBM: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 237 IBM: DEALS

14.1.3 ACCENTURE

TABLE 238 ACCENTURE: BUSINESS OVERVIEW

FIGURE 40 ACCENTURE: FINANCIAL OVERVIEW

TABLE 239 ACCENTURE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 240 ACCENTURE: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 241 ACCENTURE: DEALS

14.1.4 CATERPILLAR INC.

TABLE 242 CATERPILLAR INC.: BUSINESS OVERVIEW

FIGURE 41 CATERPILLAR: FINANCIAL OVERVIEW

TABLE 243 CATERPILLAR INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 244 CATERPILLAR INC.: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 245 CATERPILLAR INC.: DEALS

14.1.5 ABB LTD.

TABLE 246 ABB: BUSINESS OVERVIEW

FIGURE 42 ABB: COMPANY SNAPSHOT

TABLE 247 ABB: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 248 ABB: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 249 ABB: DEALS

14.1.6 SAP

TABLE 250 SAP: BUSINESS OVERVIEW

FIGURE 43 SAP: COMPANY SNAPSHOT

TABLE 251 SAP: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 252 SAP: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 253 SAP: DEALS

14.1.7 SCHNEIDER ELECTRIC

TABLE 254 SCHNEIDER ELECTRIC: BUSINESS OVERVIEW

FIGURE 44 SCHNEIDER ELECTRIC: COMPANY SNAPSHOT

TABLE 255 SCHNEIDER ELECTRIC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 256 SCHNEIDER ELECTRIC: DEALS

14.1.8 KOMATSU

TABLE 257 KOMATSU: BUSINESS OVERVIEW

FIGURE 45 KOMATSU: FINANCIAL OVERVIEW

TABLE 258 KOMATSU: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 259 KOMATSU: PRODUCT/SOLUTION/SERVICE LAUNCH

TABLE 260 KOMATSU: DEALS

14.1.9 HEXAGON AB

TABLE 261 HEXAGON AB: BUSINESS OVERVIEW

FIGURE 46 HEXAGON AB: FINANCIAL OVERVIEW

TABLE 262 HEXAGON AB: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 263 HEXAGON AB: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 264 HEXAGON AB: DEALS

14.1.10 ROCKWELL AUTOMATION, INC.

TABLE 265 ROCKWELL AUTOMATION: BUSINESS OVERVIEW

FIGURE 47 ROCKWELL AUTOMATION: FINANCIAL OVERVIEW

TABLE 266 ROCKWELL AUTOMATION: PRODUCTS/SOLUTIONS/SERVICES
OFFERED

TABLE 267 ROCKWELL AUTOMATION: PRODUCT/SOLUTION/SERVICE LAUNCH

TABLE 268 ROCKWELL AUTOMATION: DEALS

14.1.11 TRIMBLE INC.

TABLE 269 TRIMBLE INC.: BUSINESS OVERVIEW

FIGURE 48 TRIMBLE: FINANCIAL OVERVIEW

TABLE 270 TRIMBLE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 271 TRIMBLE INC.: PRODUCT LAUNCHES & ENHANCEMENTS

TABLE 272 TRIMBLE INC.: DEALS

14.1.12 HITACHI CONSTRUCTION MACHINERY

14.1.13 PTC

14.1.14 EUROTECH COMMUNICATION

14.1.15 GETAC

14.1.16 SIEMENS

14.1.17 HOWDEN

14.1.18 WIPRO

14.1.19 MST GLOBAL

14.1.20 GE DIGITAL

14.2 STARTUPS/SMES

14.2.1 ZYFRA

14.2.2 AXORA

14.2.3 GROUNDHOG

14.2.4 SMARTMINING

14.2.5 APPLIED VEHICLE ANALYSIS

14.2.6 SYMBOTICWARE

14.2.7 INTELLISENSE.IO

*Details on Business overview, Products/Solutions/Services offered, Recent developments, Product launches, MnM view, Right to win, Strategic choices, and Weaknesses and competitive threats might not be captured in case of unlisted companies.

15 ADJACENT MARKETS

15.1 INTRODUCTION

15.2 LIMITATIONS

15.3 WORKPLACE SAFETY MARKET– GLOBAL FORECAST TO 2025

15.3.1 MARKET DEFINITION

15.3.2 MARKET OVERVIEW

15.3.3 WORKPLACE SAFETY MARKET, BY COMPONENT

TABLE 273 WORKPLACE SAFETY MARKET, BY COMPONENT, 2014–2019 (USD MILLION)

TABLE 274 WORKPLACE SAFETY MARKET, BY COMPONENT, 2019–2025 (USD MILLION)

TABLE 275 HARDWARE: WORKPLACE SAFETY MARKET, BY TYPE, 2014–2019 (USD MILLION)

TABLE 276 HARDWARE: WORKPLACE SAFETY MARKET SHIPMENTS, 2014–2019 (THOUSAND UNITS)

TABLE 277 HARDWARE: WORKPLACE SAFETY MARKET, BY TYPE, 2019–2025 (USD MILLION)

TABLE 278 HARDWARE: WORKPLACE SAFETY MARKET SHIPMENTS, 2019–2025 (THOUSAND UNITS)

TABLE 279 HARDWARE: WORKPLACE SAFETY MARKET, BY REGION, 2014–2019 (USD MILLION)

TABLE 280 HARDWARE: WORKPLACE SAFETY MARKET, BY REGION, 2019–2025 (USD MILLION)

TABLE 281 SOFTWARE: WORKPLACE SAFETY MARKET, BY REGION, 2014–2019 (USD MILLION)

TABLE 282 SOFTWARE: WORKPLACE SAFETY MARKET, BY REGION, 2019–2025 (USD MILLION)

TABLE 283 SERVICES: WORKPLACE SAFETY MARKET, BY REGION, 2014–2019 (USD MILLION)

TABLE 284 SERVICES: WORKPLACE SAFETY MARKET, BY REGION, 2019–2025 (USD MILLION)

15.3.4 WORKPLACE SAFETY MARKET, BY SYSTEM

TABLE 285 WORKPLACE SAFETY MARKET, BY SYSTEM, 2014–2019 (USD MILLION)

TABLE 286 WORKPLACE SAFETY MARKET, BY SYSTEM, 2019–2025 (USD MILLION)

15.3.5 WORKPLACE SAFETY MARKET, BY APPLICATION

TABLE 287 WORKPLACE SAFETY MARKET, BY APPLICATION, 2014–2019 (USD MILLION)

TABLE 288 WORKPLACE SAFETY MARKET, BY APPLICATION, 2019–2025 (USD MILLION)

MILLION)

15.3.6 WORKPLACE SAFETY MARKET, BY REGION

TABLE 289 WORKPLACE SAFETY MARKET, BY REGION, 2014–2019 (USD MILLION)

TABLE 290 WORKPLACE SAFETY MARKET, BY REGION, 2019–2025 (USD MILLION)

15.4 IOT MARKET – GLOBAL FORECAST TO 2024

15.4.1 MARKET DEFINITION

15.4.2 MARKET OVERVIEW

15.4.3 IOT MARKET, BY COMPONENT

TABLE 291 IOT MARKET, BY COMPONENT, 2015–2020 (USD BILLION)

TABLE 292 IOT MARKET, BY COMPONENT, 2021–2026 (USD BILLION)

TABLE 293 IOT HARDWARE MARKET, BY REGION, 2015–2020 (USD BILLION)

TABLE 294 IOT HARDWARE MARKET, BY REGION, 2021–2026 (USD BILLION)

TABLE 295 IOT SOFTWARE SOLUTIONS MARKET, BY REGION, 2015–2020 (USD BILLION)

TABLE 296 IOT SOFTWARE SOLUTIONS MARKET, BY REGION, 2021–2026 (USD BILLION)

TABLE 297 IOT SOFTWARE SOLUTIONS MARKET, BY COMPONENT, 2015–2020 (USD BILLION)

TABLE 298 IOT SOFTWARE SOLUTIONS MARKET, BY COMPONENT, 2021–2026 (USD BILLION)

15.4.4 IOT MARKET, BY ORGANIZATION SIZE

TABLE 299 IOT MARKET, BY ORGANIZATION, 2015–2020 (USD BILLION)

TABLE 300 IOT MARKET, BY ORGANIZATION, 2021–2026 (USD BILLION)

TABLE 301 SMALL AND MEDIUM-SIZED ENTERPRISES: IOT MARKET, BY REGION, 2015–2020 (USD BILLION)

TABLE 302 SMALL AND MEDIUM-SIZED ENTERPRISES: IOT MARKET, BY REGION, 2021–2026 (USD BILLION)

TABLE 303 LARGE ENTERPRISES: IOT MARKET, BY REGION, 2015–2020 (USD BILLION)

TABLE 304 LARGE ENTERPRISES: IOT MARKET, BY REGION, 2021–2026 (USD BILLION)

15.4.5 IOT MARKET, BY REGION

TABLE 305 IOT MARKET, BY REGION, 2015–2020 (USD BILLION)

TABLE 306 IOT MARKET, BY REGION, 2021–2026 (USD BILLION)

16 APPENDIX

16.1 DISCUSSION GUIDE

16.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

16.3 CUSTOMIZATION OPTIONS

16.4 RELATED REPORTS

16.5 AUTHOR DETAILS

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