

**Mining Software Market by Component, Mining Type (Surface, Underground), Application (Exploration, Discovery/Assessment, Development, Production Operations, Reclamation/Closure), Deployment Type and Region - Global Forecast to 2028**

Market Report | 2023-04-06 | 272 pages | MarketsandMarkets

**AVAILABLE LICENSES:**

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

**Report description:**

The mining software market size is projected to grow from USD 10.1 billion in 2023 to USD 14.9 billion by 2028, at a CAGR of 8.1% during the forecast period. The global mining software market is witnessing significant growth, driven by the increasing demand for automation and digitalization in mining operations. The mining industry is adopting advanced technologies like artificial intelligence, automation, and robotics to enhance operational efficiency, reduce operating costs, and increase productivity. Mining software solutions like geological modeling and mine planning, resource estimation, production planning and scheduling, fleet management, and asset maintenance are crucial for optimizing the mining process, reducing operating costs, and increasing productivity, thereby driving the growth of the mining software market.

"Based On Application, Production Operations Segment Expected To Hold Largest Market Share During Forecast Period"

Mining firms can monitor and manage the production process, increase equipment usage, and decrease downtime with the use of production operations software solutions. Mining businesses may optimize production in both underground and surface mines utilizing these technologies, which will increase productivity and efficiency. In order to optimize their operations and find areas for improvement, businesses can use the software. This can ultimately lead to cost savings and higher profitability.

\*\*\*\*\*

"By Mining Type, Surface Mining Segment Expected To Hold Largest Market Share During Forecast Period"

The market share can be attributed to the increasing adoption of surface mining techniques by mining companies to extract minerals & ores from the earth's surface. Surface mining is a less expensive and more efficient method of mining compared to underground mining, as it requires less labor and equipment. Moreover, surface mining is widely used to extract minerals such as

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

coal, iron, copper, and gold, which are used in various industries such as energy, construction, and electronics. The adoption of mining software solutions in surface mining operations is increasing as mining companies seek to optimize their operations and improve productivity. Additionally, governments across the world are promoting surface mining operations as a way to boost economic growth and create employment opportunities, which is further driving the growth of the surface mining market.

"Based On Region, Asia Pacific Expected To Hold Largest Market Share During Forecast Period"

The market share can be credited to the mining industry's growing reliance on digital technologies in nations like Australia, China, and India. The demand for mining software solutions to increase operational efficiency, lower costs, and improve safety is being fueled by the region's large investments in mining operations. The demand for minerals and metals from sectors like construction, transportation, and electronics is also a major driver of the region's mining software industry growth.

#### Breakdown of primaries

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

-□By Company Type: Tier 1 - 62%, Tier 2 - 23%, and Tier 3 - 15%

-□By Designation: C-level -38%, D-level - 30%, and Others - 32%

-□By Region: North America - 40%, Europe - 15%, Asia Pacific - 35%, Middle East- 5%, and Latin America-5%.

The major players operating in the mining software market are Hitachi (Japan), SAP (Germany), Microsoft (US), IBM(US), Hexagon AB (Sweden), Komatsu (Japan), Epiroc AB (Sweden), Sandvik AB (Sweden), RPM Global (Australia), Trimble (US), Rockwell Automation (US), Siemens (Germany), ABB(Switzerland), Cisco (US), Accenture (Ireland), Caterpillar (US). To increase their market positions in the mining software market, these firms are emphasizing on broadening their product portfolios and implementing a myriad of opportunities in this market like partnerships, agreements, and collaborations.

#### Research Coverage

The market study covers the mining software market size across different segments. It aims at estimating the market size and the growth potential across different segments including component, mining type, application, deployment type, and region. The study further includes an in-depth competitive analysis of the leading market players, along with their company profiles, key observations related to product and business offerings, recent developments, and 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 mining software market and its subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. Moreover, the report will provide insights for stakeholders to understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

-□Analysis of key drivers (Demand for advanced data analytics, Increasing emphasis on environmental sustainability, Need for enhanced safety and security, Growing adoption of automation and robotics, Need for better efficiency and productivity), restraints (Integration with existing systems, Customization to meet unique needs of different mining operations, Limited market

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

penetration in developing countries, Resistance to change and traditional mindsets), opportunities (Growing demand for automation and digitalization in emerging markets, Increasing adoption of Internet of Things (IoT) in the mining industry, Rising demand for predictive maintenance solutions in mining operations, Growing focus on sustainable mining practices and technologies, Increasing need for remote monitoring and control of mining operations), and challenges (Integration with existing systems, Customization to meet unique needs of different mining operations, Limited market penetration in developing countries, Resistance to change and traditional mindsets) influencing the growth of the mining software market.

- **Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the mining software market.

- **Market Development:** Comprehensive information about lucrative markets - the report analyses the mining software market across varied regions

- **Market Diversification:** Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the mining software market.

- **Competitive Assessment:** In-depth assessment of market shares, growth strategies, and service offerings of leading players like Hitachi (Japan), SAP (Germany), Microsoft (US), IBM(US), Hexagon AB (Sweden), Komatsu (Japan), Epiroc AB (Sweden), Sandvik AB (Sweden), RPM Global (Australia), Trimble (US), Rockwell Automation (US), Siemens (Germany), ABB(Switzerland), Cisco (US), Accenture (Ireland), Caterpillar (US).

## **Table of Contents:**

1	INTRODUCTION	28
1.1	STUDY OBJECTIVES	28
1.2	MARKET DEFINITION	28
1.2.1	INCLUSIONS AND EXCLUSIONS	29
1.3	STUDY SCOPE	30
1.3.1	MARKETS COVERED	30
FIGURE 1	MINING SOFTWARE MARKET SEGMENTATION	30
1.3.2	GEOGRAPHIC SCOPE	31
FIGURE 2	MINING SOFTWARE MARKET: GEOGRAPHIC SCOPE	31
1.3.3	YEARS CONSIDERED	31
1.4	CURRENCY CONSIDERED	32
TABLE 1	UNITED STATES DOLLAR EXCHANGE RATES, 2019-2022	32
1.5	STAKEHOLDERS	32
2	RESEARCH METHODOLOGY	33
2.1	RESEARCH DATA	33
FIGURE 3	MINING SOFTWARE MARKET: RESEARCH DESIGN	33
2.1.1	SECONDARY DATA	34
2.1.1.1	Secondary sources	34
2.1.2	PRIMARY DATA	35
2.1.2.1	Primary interviews with experts	35
2.1.2.2	List of key primary interview participants	35
2.1.2.3	Breakdown of primary profiles	36

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.1.2.4	Primary sources	36
2.1.2.5	Key industry insights	37
2.2	MARKET SIZE ESTIMATION	37
FIGURE 4	MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 (SUPPLY SIDE) - REVENUE FROM SOLUTIONS/SERVICES	37
2.2.1	BOTTOM-UP APPROACH	38
FIGURE 5	BOTTOM-UP APPROACH	38
FIGURE 6	MARKET SIZE ESTIMATION USING BOTTOM-UP APPROACH (SUPPLY SIDE): COLLECTIVE REVENUE FROM SOLUTIONS/SERVICES	38
2.2.2	TOP-DOWN APPROACH	39
FIGURE 7	TOP-DOWN APPROACH	39
2.2.3	MINING SOFTWARE MARKET ESTIMATION: DEMAND-SIDE ANALYSIS	40
FIGURE 8	MARKET SIZE ESTIMATION METHODOLOGY: DEMAND-SIDE ANALYSIS	40
?		
2.3	DATA TRIANGULATION	41
FIGURE 9	DATA TRIANGULATION	41
2.4	FACTOR ANALYSIS	42
TABLE 2	FACTOR ANALYSIS	42
2.5	ASSUMPTIONS	43
2.6	LIMITATIONS	43
2.7	MINING SOFTWARE MARKET: RECESSION IMPACT	44
3	EXECUTIVE SUMMARY	45
FIGURE 10	MINING SOFTWARE MARKET, 2021-2028	46
FIGURE 11	SHARES OF KEY MARKET SEGMENTS, 2023	46
FIGURE 12	ASIA PACIFIC TO GROW AT HIGHEST CAGR FROM 2023 TO 2028	48
4	PREMIUM INSIGHTS	49
4.1	ATTRACTIVE OPPORTUNITIES IN MINING SOFTWARE MARKET	49
FIGURE 13	INCREASED ADOPTION OF IOT IN MINING INDUSTRY TO PROPEL MARKET GROWTH DURING FORECAST PERIOD	49
4.2	MINING SOFTWARE MARKET IN NORTH AMERICA, BY COMPONENT AND COUNTRY	49
FIGURE 14	SOLUTIONS SEGMENT AND US TO LEAD MINING SOFTWARE MARKET IN 2023	49
4.3	MINING SOFTWARE MARKET IN ASIA PACIFIC, BY COMPONENT AND TOP 2 COUNTRIES	50
FIGURE 15	SOLUTIONS SEGMENT AND CHINA TO LEAD MINING SOFTWARE MARKET IN 2023	50
4.4	MINING SOFTWARE MARKET: MAJOR COUNTRIES	50
FIGURE 16	UAE TO WITNESS FASTEST GROWTH DURING FORECAST PERIOD	50
5	MARKET OVERVIEW	51
5.1	INTRODUCTION	51
5.2	MARKET DYNAMICS	51
FIGURE 17	MINING SOFTWARE MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	51
5.2.1	DRIVERS	52
5.2.1.1	Rise in demand for advanced data analytics	52
5.2.1.2	Increased emphasis on environmental sustainability	52
5.2.1.3	Increased need for enhanced safety and security	52
5.2.1.4	Extensive adoption of automation and robotics	53
5.2.1.5	Increased need for improved efficiency and productivity	53
5.2.2	RESTRAINTS	54
5.2.2.1	Compatibility issues pertaining to integration with existing systems	54
5.2.2.2	Requirement of customized solutions to meet unique needs of different mining operations	54
5.2.3	OPPORTUNITIES	54

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.2.3.1 Rise in demand for automation and digitalization in emerging markets 54
- 5.2.3.2 Increased adoption of IoT in mining industry 55
- 5.2.3.3 Rise in demand for predictive maintenance solutions in mining operations 55
- 5.2.3.4 Increased focus on environmentally sustainable mining practices 56
- 5.2.3.5 Increased need for remote monitoring and control of mining operations 56
- 5.2.4 CHALLENGES 56
  - 5.2.4.1 Limited penetration in emerging countries 56
  - 5.2.4.2 Resistance to change and traditional mindsets 57
- 5.3 INDUSTRY TRENDS 58
  - 5.3.1 VALUE CHAIN ANALYSIS 58

FIGURE 18 MINING SOFTWARE MARKET: VALUE CHAIN ANALYSIS 58
  - 5.3.2 ECOSYSTEM ANALYSIS 60

TABLE 3 MINING SOFTWARE MARKET: ECOSYSTEM 60
  - 5.3.3 REGULATORY LANDSCAPE 61

TABLE 4 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 61

TABLE 5 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 62

TABLE 6 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 62

TABLE 7 REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 63
  - 5.3.4 CASE STUDY ANALYSIS 63
    - 5.3.4.1 Boliden chose Komatsu to introduce automated haulage at its copper mine in Sweden 63
    - 5.3.4.2 Rio Tinto used FactoryTalk suite of Rockwell Automation to improve transparency in mining operations 64
    - 5.3.4.3 Rio Tinto chose Caterpillar to create connected value chain at its Gudai-Darri mine 64
    - 5.3.4.4 Maptek provided AI-based algorithms to boost efficiency of drilling and blasting operations of Newmont Corporation 64
    - 5.3.4.5 Hexagon provided predictive analytics for fleet management to Anglo American 65
    - 5.3.4.6 Surpac offered geostatistical modeling for mining operations to Barrick Gold 65
    - 5.3.4.7 IBM offered real-time data analytics for maintenance of mining equipment to Barrick Gold 65
    - 5.3.4.8 SAP provided real-time analytics for mining supply chain management to Rio Tinto 66
  - 5.3.5 PATENT ANALYSIS 66
    - 5.3.5.1 Methodology 66
    - 5.3.5.2 Innovation and patent applications 66

FIGURE 19 NUMBER OF PATENTS GRANTED ANNUALLY, 2012-2022 67

      - 5.3.5.2.1 Top applicants 67

FIGURE 20 TOP 10 PATENT APPLICANTS WITH HIGHEST NUMBER OF PATENT APPLICATIONS, 2012-2022 67
  - 5.3.6 AVERAGE PRICING ANALYSIS 68
  - 5.3.7 PORTER'S FIVE FORCES ANALYSIS 69

FIGURE 21 IMPACT OF PORTER'S FIVE FORCES MODEL ON MINING SOFTWARE MARKET 70

TABLE 9 MINING SOFTWARE MARKET: PORTER'S FIVE FORCES ANALYSIS 70

    - 5.3.7.1 Threat of new entrants 70
    - 5.3.7.2 Threat of substitutes 71
    - 5.3.7.3 Bargaining power of suppliers 71
    - 5.3.7.4 Bargaining power of buyers 71
    - 5.3.7.5 Intensity of competitive rivalry 71
  - 5.3.8 TECHNOLOGY ANALYSIS 71
    - 5.3.8.1 Artificial Intelligence (AI) 71
    - 5.3.8.2 Cloud computing 71
    - 5.3.8.3 Digital twin 71

5.3.8.4 Internet of Things 72

5.3.8.5 Blockchain 72

5.3.8.6 Augmented reality 72

5.3.8.7 Robotics 72

5.3.8.8 Data analytics 72

5.3.8.9 Geospatial technology 72

5.3.8.10 Wearable technology 73

5.3.9 KEY CONFERENCES AND EVENTS, 2022-2023 73

TABLE 10 MINING SOFTWARE MARKET: DETAILED LIST OF CONFERENCES AND EVENTS, 2022-2023 73

6 MINING SOFTWARE MARKET, BY COMPONENT 75

6.1 INTRODUCTION 76

FIGURE 22 SOLUTIONS TO BE LARGER SEGMENT DURING FORECAST PERIOD 76

TABLE 11 MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 76

TABLE 12 MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 76

6.2 SOLUTIONS 77

6.2.1 IMPLEMENTATION OF ADVANCED MINING SOFTWARE SOLUTIONS FOR EFFICIENT OPERATIONS TO DRIVE SEGMENT 77

6.2.2 SOLUTIONS: MINING SOFTWARE MARKET DRIVERS 77

6.2.3 SOLUTIONS: RECESSION IMPACT 77

FIGURE 23 PROCESS CONTROL, ANALYTICS, & REPORTING SEGMENT TO BE LARGEST MARKET DURING FORECAST PERIOD 77

TABLE 13 COMPONENT: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2018-2022 (USD MILLION) 78

TABLE 14 COMPONENT: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2023-2028 (USD MILLION) 78

TABLE 15 SOLUTIONS: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 79

TABLE 16 SOLUTIONS: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 79

6.2.4 WORKFORCE MANAGEMENT 79

TABLE 17 WORKFORCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 80

TABLE 18 WORKFORCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 80

6.2.5 ASSET MAINTENANCE MANAGEMENT 80

FIGURE 24 RELIABILITY-CENTRIC MAINTENANCE TO BE LARGEST SEGMENT OF ASSET MAINTENANCE MANAGEMENT MARKET DURING FORECAST PERIOD 81

TABLE 19 SOLUTIONS: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2018-2022 (USD MILLION) 81

TABLE 20 SOLUTIONS: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2023-2028 (USD MILLION) 82

TABLE 21 ASSET MAINTENANCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 82

TABLE 22 ASSET MAINTENANCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 82

6.2.5.1 Asset health monitoring 82

TABLE 23 ASSET HEALTH MONITORING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 83

TABLE 24 ASSET HEALTH MONITORING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 83

6.2.5.2 Asset performance management 83

TABLE 25 ASSET PERFORMANCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 84

TABLE 26 ASSET PERFORMANCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 84

6.2.5.3 Reliability-centric maintenance 85

TABLE 27 RELIABILITY-CENTRIC MAINTENANCE: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 85

TABLE 28 RELIABILITY-CENTRIC MAINTENANCE: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 85

6.2.6 PROCESS CONTROL, ANALYTICS, & REPORTING 86

TABLE 29 PROCESS CONTROL, ANALYTICS, & REPORTING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 86

TABLE 30 PROCESS CONTROL, ANALYTICS, & REPORTING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 86

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

## 6.2.7 FLEET MANAGEMENT 87

TABLE 31 FLEET MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 87

TABLE 32 FLEET MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 87

## 6.2.8 INDUSTRIAL SAFETY & SECURITY 88

TABLE 33 INDUSTRIAL SAFETY & SECURITY: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 88

TABLE 34 INDUSTRIAL SAFETY & SECURITY: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 88

## 6.2.9 MINE SITE MODELING & PLANNING 89

TABLE 35 MINE SITE MODELING & PLANNING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 89

TABLE 36 MINE SITE MODELING & PLANNING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 89

## 6.2.10 ENTERPRISE COLLABORATION 90

TABLE 37 ENTERPRISE COLLABORATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 90

TABLE 38 ENTERPRISE COLLABORATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 90

## 6.2.11 COMPLIANCE MANAGEMENT 91

TABLE 39 COMPLIANCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 91

TABLE 40 COMPLIANCE MANAGEMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 91

## 6.3 SERVICES 92

6.3.1 PROFICIENT SERVICES FOR EFFICIENT IMPLEMENTATION AND MAINTENANCE OF MINING SOFTWARE SOLUTIONS TO BOOST SEGMENT 92

6.3.2 SERVICES: MINING SOFTWARE MARKET DRIVERS 92

6.3.3 SERVICES: RECESSION IMPACT 92

FIGURE 25 PROFESSIONAL SERVICES TO BE LARGER SEGMENT DURING FORECAST PERIOD 92

TABLE 41 COMPONENT: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2018-2022 (USD MILLION) 93

TABLE 42 COMPONENT: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2023-2028 (USD MILLION) 93

TABLE 43 SERVICES: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 93

TABLE 44 SERVICES: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 93

## 6.3.4 PROFESSIONAL SERVICES 94

FIGURE 26 TRAINING, SUPPORT, & MAINTENANCE TO BE LARGEST SEGMENT DURING FORECAST PERIOD 94

TABLE 45 SERVICES: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2018-2022 (USD MILLION) 94

TABLE 46 SERVICES: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2023-2028 (USD MILLION) 95

TABLE 47 PROFESSIONAL SERVICES: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 95

TABLE 48 PROFESSIONAL SERVICES: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 95

### 6.3.4.1 Advisory 96

TABLE 49 ADVISORY: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 96

TABLE 50 ADVISORY: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 96

### 6.3.4.2 Integration & deployment 97

TABLE 51 INTEGRATION & DEPLOYMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 97

TABLE 52 INTEGRATION & DEPLOYMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 97

### 6.3.4.3 Training, support, & maintenance 98

TABLE 53 TRAINING, SUPPORT, & MAINTENANCE: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 98

TABLE 54 TRAINING, SUPPORT, & MAINTENANCE: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 98

### 6.3.5 MANAGED SERVICES 99

TABLE 55 MANAGED SERVICES: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) 99

TABLE 56 MANAGED SERVICES: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) 99

## 7 MINING SOFTWARE MARKET, BY DEPLOYMENT TYPE 100

### 7.1 INTRODUCTION 101

FIGURE 27 CLOUD SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD 101

TABLE 57 MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 101

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 58 □ MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) □ 101

7.2 □ ON-PREMISES □ 102

7.2.1 □ MAXIMIZED CONTROL AND SECURITY TO DRIVE SEGMENT □ 102

7.2.2 □ ON-PREMISES: MINING SOFTWARE MARKET DRIVERS □ 102

7.2.3 □ ON-PREMISES: RECESSION IMPACT □ 102

TABLE 59 □ ON-PREMISES: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 103

TABLE 60 □ ON-PREMISES: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 103

7.3 □ CLOUD □ 103

7.3.1 □ ENHANCED EFFICIENCY AND SCALABILITY TO PROPEL SEGMENT □ 103

7.3.2 □ CLOUD: MINING SOFTWARE MARKET DRIVERS □ 103

7.3.3 □ CLOUD: RECESSION IMPACT □ 104

TABLE 61 □ CLOUD: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 104

TABLE 62 □ CLOUD: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 104

8 □ MINING SOFTWARE MARKET, BY MINING TYPE □ 105

8.1 □ INTRODUCTION □ 106

FIGURE 28 □ SURFACE SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD □ 106

TABLE 63 □ MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) □ 106

TABLE 64 □ MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) □ 106

8.2 □ SURFACE □ 107

8.2.1 □ INCREASED DEMAND FOR MINERALS AND METALS FROM VARIOUS INDUSTRIES TO DRIVE SEGMENT □ 107

8.2.2 □ SURFACE: MINING SOFTWARE MARKET DRIVERS □ 107

8.2.3 □ SURFACE: RECESSION IMPACT □ 107

FIGURE 29 □ OPEN-PIT MINING SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD □ 108

TABLE 65 □ MINING TYPE: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2018-2022 (USD MILLION) □ 108

TABLE 66 □ MINING TYPE: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2023-2028 (USD MILLION) □ 108

TABLE 67 □ SURFACE: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 109

TABLE 68 □ SURFACE: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 109

8.2.4 □ STRIP MINING □ 109

TABLE 69 □ STRIP MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 110

TABLE 70 □ STRIP MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 110

8.2.5 □ OPEN-PIT MINING □ 110

TABLE 71 □ OPEN-PIT MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 111

TABLE 72 □ OPEN-PIT MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 111

8.2.6 □ OTHER SURFACE MINING □ 112

TABLE 73 □ OTHER SURFACE MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 112

TABLE 74 □ OTHER SURFACE MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 112

8.3 □ UNDERGROUND □ 113

8.3.1 □ RISE IN DEMAND FOR RARE EARTH MINERALS TO PROPEL SEGMENT □ 113

FIGURE 30 □ ROOM & PILLAR MINING SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD □ 113

8.3.2 □ UNDERGROUND: MINING SOFTWARE MARKET DRIVERS □ 113

8.3.3 □ UNDERGROUND: RECESSION IMPACT □ 113

TABLE 75 □ MINING TYPE: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2018-2022 (USD MILLION) □ 114

TABLE 76 □ MINING TYPE: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2023-2028 (USD MILLION) □ 114

TABLE 77 □ UNDERGROUND MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 114

TABLE 78 □ UNDERGROUND MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 115

8.3.4 □ ROOM AND PILLAR MINING □ 115

TABLE 79 □ ROOM AND PILLAR MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 115

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 80 □ ROOM AND PILLAR MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 116

8.3.5 □ OTHER UNDERGROUND MINING □ 116

TABLE 81 □ OTHER UNDERGROUND MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 116

TABLE 82 □ OTHER UNDERGROUND MINING: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 117

9 □ MINING SOFTWARE MARKET, BY APPLICATION □ 118

9.1 □ INTRODUCTION □ 119

FIGURE 31 □ PRODUCTION OPERATION TO BE LARGEST SEGMENT DURING FORECAST PERIOD □ 119

TABLE 83 □ MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) □ 119

TABLE 84 □ MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) □ 120

9.2 □ EXPLORATION □ 120

9.2.1 □ MAXIMIZED RESOURCE DISCOVERY AND REDUCED EXPLORATION COSTS TO BOOST SEGMENT □ 120

9.2.2 □ EXPLORATION: MINING SOFTWARE MARKET DRIVERS □ 120

9.2.3 □ EXPLORATION: RECESSION IMPACT □ 120

TABLE 85 □ EXPLORATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 121

TABLE 86 □ EXPLORATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 121

9.3 □ ASSESSMENT □ 121

9.3.1 □ OPTIMIZED MINERAL RESOURCE ESTIMATION TO DRIVE SEGMENT □ 121

9.3.2 □ ASSESSMENT: MINING SOFTWARE MARKET DRIVERS □ 122

9.3.3 □ ASSESSMENT: RECESSION IMPACT □ 122

TABLE 87 □ ASSESSMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 122

TABLE 88 □ ASSESSMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 122

9.4 □ DEVELOPMENT □ 123

9.4.1 □ STREAMLINED PLANNING AND DESIGNING WITH USE OF INNOVATIVE SOFTWARE SOLUTIONS TO PROPEL SEGMENT □ 123

9.4.2 □ DEVELOPMENT: MINING SOFTWARE MARKET DRIVERS □ 123

9.4.3 □ DEVELOPMENT: RECESSION IMPACT □ 123

TABLE 89 □ DEVELOPMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 124

TABLE 90 □ DEVELOPMENT: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 124

9.5 □ PRODUCTION OPERATION □ 124

9.5.1 □ OPTIMIZED MINING OPERATIONS TO BOOST SEGMENT □ 124

9.5.2 □ PRODUCTION OPERATION: MINING SOFTWARE MARKET DRIVERS □ 125

9.5.3 □ PRODUCTION OPERATION: RECESSION IMPACT □ 125

TABLE 91 □ PRODUCTION OPERATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 125

TABLE 92 □ PRODUCTION OPERATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 125

9.6 □ RECLAMATION □ 126

9.6.1 □ RESPONSIBLE MINE CLOSURE AND SITE REHABILITATION TO PROPEL SEGMENT □ 126

9.6.2 □ RECLAMATION: MINING SOFTWARE MARKET DRIVERS □ 126

9.6.3 □ RECLAMATION: RECESSION IMPACT □ 126

TABLE 93 □ RECLAMATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 126

TABLE 94 □ RECLAMATION: MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 127

10 □ MINING SOFTWARE MARKET, BY REGION □ 128

10.1 □ INTRODUCTION □ 129

FIGURE 32 □ ASIA PACIFIC TO BE LARGEST MARKET FOR MINING SOFTWARE DURING FORECAST PERIOD □ 129

FIGURE 33 □ ASIA PACIFIC TO REGISTER HIGHEST CAGR FROM 2023 TO 2028 □ 129

TABLE 95 □ MINING SOFTWARE MARKET SIZE, BY REGION, 2018-2022 (USD MILLION) □ 130

TABLE 96 □ MINING SOFTWARE MARKET SIZE, BY REGION, 2023-2028 (USD MILLION) □ 130

10.2 □ NORTH AMERICA □ 130

10.2.1 □ NORTH AMERICA: PESTLE ANALYSIS □ 131

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.2.2 NORTH AMERICA: MARKET DRIVERS 132

10.2.3 NORTH AMERICA: RECESSION IMPACT 132

FIGURE 34 NORTH AMERICA: MARKET SNAPSHOT 133

TABLE 97 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 133

TABLE 98 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 134

TABLE 99 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2018-2022 (USD MILLION) 134

TABLE 100 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2023-2028 (USD MILLION) 134

TABLE 101 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2018-2022 (USD MILLION) 135

TABLE 102 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2023-2028 (USD MILLION) 135

TABLE 103 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2018-2022 (USD MILLION) 135

TABLE 104 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2023-2028 (USD MILLION) 135

TABLE 105 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2018-2022 (USD MILLION) 136

TABLE 106 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2023-2028 (USD MILLION) 136

TABLE 107 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 136

TABLE 108 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 136

TABLE 109 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 137

TABLE 110 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 137

TABLE 111 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2018-2022 (USD MILLION) 137

TABLE 112 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2023-2028 (USD MILLION) 137

TABLE 113 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2018-2022 (USD MILLION) 138

TABLE 114 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2023-2028 (USD MILLION) 138

TABLE 115 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 138

TABLE 116 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 139

TABLE 117 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2018-2022 (USD MILLION) 139

TABLE 118 NORTH AMERICA: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2023-2028 (USD MILLION) 139

10.2.4 US 139

10.2.4.1 Increased operational efficiency through use of advanced technologies to drive market 139

TABLE 119 US: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 140

TABLE 120 US: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 140

TABLE 121 US: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 141

TABLE 122 US: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 141

TABLE 123 US: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 141

TABLE 124 US: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 141

TABLE 125 US: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 142

TABLE 126 US: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 142

10.2.5 CANADA 142

10.2.5.1 Extensive adoption of automation technologies to propel market 142

TABLE 127 CANADA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 143

TABLE 128 CANADA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 143

TABLE 129 CANADA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 143

TABLE 130 CANADA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 144

TABLE 131 CANADA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 144

TABLE 132 CANADA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 144

TABLE 133 CANADA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 144

TABLE 134 CANADA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 145

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

### 10.3 EUROPE 145

#### 10.3.1 EUROPE: PESTLE ANALYSIS 145

#### 10.3.2 EUROPE: MARKET DRIVERS 146

#### 10.3.3 EUROPE: RECESSION IMPACT 147

TABLE 135 EUROPE: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 147

TABLE 136 EUROPE: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 147

TABLE 137 EUROPE: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2018-2022 (USD MILLION) 148

TABLE 138 EUROPE: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2023-2028 (USD MILLION) 148

TABLE 139 EUROPE: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2018-2022 (USD MILLION) 149

TABLE 140 EUROPE: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2023-2028 (USD MILLION) 149

TABLE 141 EUROPE: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2018-2022 (USD MILLION) 149

TABLE 142 EUROPE: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2023-2028 (USD MILLION) 149

TABLE 143 EUROPE: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2018-2022 (USD MILLION) 150

TABLE 144 EUROPE: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2023-2028 (USD MILLION) 150

TABLE 145 EUROPE: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 150

TABLE 146 EUROPE: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 150

TABLE 147 EUROPE: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 151

TABLE 148 EUROPE: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 151

TABLE 149 EUROPE: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2018-2022 (USD MILLION) 151

TABLE 150 EUROPE: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2023-2028 (USD MILLION) 151

TABLE 151 EUROPE: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2018-2022 (USD MILLION) 152

TABLE 152 EUROPE: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2023-2028 (USD MILLION) 152

TABLE 153 EUROPE: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 152

TABLE 154 EUROPE: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 153

TABLE 155 EUROPE: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2018-2022 (USD MILLION) 153

TABLE 156 EUROPE: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2023-2028 (USD MILLION) 153

#### 10.3.4 RUSSIA 154

##### 10.3.4.1 Improved mining efficiency and safety to boost market 154

TABLE 157 RUSSIA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 154

TABLE 158 RUSSIA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 154

TABLE 159 RUSSIA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 154

TABLE 160 RUSSIA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 155

TABLE 161 RUSSIA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 155

TABLE 162 RUSSIA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 155

TABLE 163 RUSSIA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 155

TABLE 164 RUSSIA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 156

#### 10.3.5 UK 156

##### 10.3.5.1 Focus on sustainable mining operations to propel market 156

#### 10.3.6 REST OF EUROPE 156

### 10.4 ASIA PACIFIC 157

#### 10.4.1 ASIA PACIFIC: PESTLE ANALYSIS 157

#### 10.4.2 ASIA PACIFIC: MARKET DRIVERS 158

#### 10.4.3 ASIA PACIFIC: RECESSION IMPACT 158

FIGURE 35 ASIA PACIFIC: MARKET SNAPSHOT 159

TABLE 165 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 159

TABLE 166 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 160

TABLE 167 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2018-2022 (USD MILLION) 160

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 168 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2023-2028 (USD MILLION) 160

TABLE 169 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2018-2022 (USD MILLION) 161

TABLE 170 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2023-2028 (USD MILLION) 161

TABLE 171 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2018-2022 (USD MILLION) 161

TABLE 172 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2023-2028 (USD MILLION) 161

TABLE 173 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2018-2022 (USD MILLION) 162

TABLE 174 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2023-2028 (USD MILLION) 162

TABLE 175 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 162

TABLE 176 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 162

TABLE 177 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 163

TABLE 178 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 163

TABLE 179 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2018-2022 (USD MILLION) 163

TABLE 180 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2023-2028 (USD MILLION) 163

TABLE 181 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2018-2022 (USD MILLION) 164

TABLE 182 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2023-2028 (USD MILLION) 164

TABLE 183 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 164

TABLE 184 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 165

TABLE 185 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2018-2022 (USD MILLION) 165

TABLE 186 ASIA PACIFIC: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2023-2028 (USD MILLION) 165

10.4.4 CHINA 166

10.4.4.1 Increased digitalization and introduction of innovative technologies to drive market 166

TABLE 187 CHINA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 166

TABLE 188 CHINA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 166

TABLE 189 CHINA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 166

TABLE 190 CHINA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 167

TABLE 191 CHINA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 167

TABLE 192 CHINA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 167

TABLE 193 CHINA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 167

TABLE 194 CHINA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 168

10.4.5 AUSTRALIA 168

10.4.5.1 Increased efficiency and sustainability to boost market 168

10.4.6 REST OF ASIA PACIFIC 168

10.5 MIDDLE EAST & AFRICA 169

10.5.1 MIDDLE EAST & AFRICA: PESTLE ANALYSIS 169

10.5.2 MIDDLE EAST & AFRICA: MARKET DRIVERS 170

10.5.3 MIDDLE EAST & AFRICA: RECESSION IMPACT 171

TABLE 195 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2018-2022 (USD MILLION) 171

TABLE 196 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY COMPONENT, 2023-2028 (USD MILLION) 171

TABLE 197 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2018-2022 (USD MILLION) 172

TABLE 198 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY SOLUTIONS, 2023-2028 (USD MILLION) 172

TABLE 199 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2018-2022 (USD MILLION) 173

TABLE 200 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY ASSET MAINTENANCE MANAGEMENT, 2023-2028 (USD MILLION) 173

TABLE 201 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2018-2022 (USD MILLION) 173

TABLE 202 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY SERVICES, 2023-2028 (USD MILLION) 173

TABLE 203 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2018-2022 (USD MILLION) 174

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 204 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY PROFESSIONAL SERVICES, 2023-2028 (USD MILLION) 174

TABLE 205 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2018-2022 (USD MILLION) 174

TABLE 206 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY DEPLOYMENT TYPE, 2023-2028 (USD MILLION) 174

TABLE 207 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2018-2022 (USD MILLION) 175

TABLE 208 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY MINING TYPE, 2023-2028 (USD MILLION) 175

TABLE 209 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2018-2022 (USD MILLION) 175

TABLE 210 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY SURFACE MINING, 2023-2028 (USD MILLION) 175

TABLE 211 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2018-2022 (USD MILLION) 176

TABLE 212 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY UNDERGROUND MINING, 2023-2028 (USD MILLION) 176

TABLE 213 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2018-2022 (USD MILLION) 176

TABLE 214 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY APPLICATION, 2023-2028 (USD MILLION) 177

TABLE 215 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2018-2022 (USD MILLION) 177

TABLE 216 MIDDLE EAST & AFRICA: MINING SOFTWARE MARKET SIZE, BY COUNTRY, 2023-2028 (USD MILLION) 177

10.5.4 UAE 178

10.5.4.1 Rise in efficiency and safety to boost market 178

10.5.5 SOUTH AFRICA 178

10.5.5.1 Sustainable mining practices through use of innovative software solutions to boost market 178

10.5.6 REST OF MIDDLE EAST & AFRICA 178

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Mining Software Market by Component, Mining Type (Surface, Underground),  
Application (Exploration, Discovery/Assessment, Development, Production  
Operations, Reclamation/Closure), Deployment Type and Region - Global Forecast to  
2028**

Market Report | 2023-04-06 | 272 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

**ORDER FORM:**

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

Zip Code\*

Country\*

Date

2025-05-19

Signature

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com