

MEA Digital Oilfield Market - Industry Trends and Forecast to 2029

Market Report | 2022-10-01 | 151 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Corporate Users License \$4200.00

Report description:

Middle East and Africa digital oilfield market is projected to register a CAGR of 8.2% in the forecast period of 2022 to 2029. The new market report contains data for the historic year 2020, the base year of calculation is 2021, and the forecast period is 2022 to 2029

Market Segmentation:

Middle East and Africa Digital Oilfield Market, By Offering (Software, Hardware, and Services), Process (Production Optimization, Reservoir Optimization, Drilling Optimization, Safety Management, and Others), Technology (IoT & Mobile Devices, AI & Advance Analytics, Cloud Computing, Robotics, and Others), Application (On-Shore and Off-Shore), Country (Saudi Arabia, U.A.E., Egypt, South Africa, Israel and Rest of the Middle East and Africa) Industry Trends and Forecast to 2029

Some of the major factors contributing to the Middle East and Africa digital oilfield market are:

o Increase in exploration operations in uncharted offshore/ultra-deep waters

o Adoption of augmented reality and cloud-based digital oilfield solutions

Market Players:

Some key market players in the Middle East and Africa digital oilfield market are listed below:

- Baker Hughes Company
- IBM Corporation
- Microsoft
- Rockwell Automation, Inc.
- Halliburton Energy Services, Inc.
- CGG
- Schlumberger Limited
- Osperity
- Emerson Electric Co.
- Siemens AG.
- ABB

Scotts International, EU Vat number: PL 6772247784

- Honeywell International Inc.
- NOV Inc.
- Petrolink.
- Weatherford
- Kongsberg Digital (a subsidiary of KONGSBERG)

Table of Contents:

TABLE OF CONTENTS

- 1 INTRODUCTION 21
- 1.1 OBJECTIVES OF THE STUDY 21
- 1.2 MARKET DEFINITION 21
- 1.3 OVERVIEW OF THE MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET 21
- 1.4 CURRENCY AND PRICING 23
- 1.5 LIMITATIONS 23
- 1.6 MARKETS COVERED 23
- 2 MARKET SEGMENTATION 26
- 2.1 MARKETS COVERED 26
- 2.2 YEARS CONSIDERED FOR THE STUDY 27
- 2.3 GEOGRAPHIC SCOPE 28
- 2.4 DBMR TRIPOD DATA VALIDATION MODEL 29
- 2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS 32
- 2.6 DBMR MARKET POSITION GRID 33
- 2.7 VENDOR SHARE ANALYSIS 35
- 2.8 MULTIVARIATE MODELLING 36
- 2.9 COMPONENT CURVE 36
- 2.10 MARKET APPLICATION COVERAGE GRID 37
- 2.11 SECONDARY SOURCES 38
- 2.12 ASSUMPTIONS 38
- 3 EXECUTIVE SUMMARY 39
- 4 PREMIUM INSIGHTS 41
- 4.1 PORTER'S FIVE FORCES 42
- 4.2 PESTEL ANALYSIS 43
- 4.3 TECHNOLOGICAL ADVANCEMENT BY MANUFACTURERS 45
- 4.4 PRODUCTION CONSUMPTION ANALYSIS 46
- 4.5 PRICE TREND ANALYSIS 47
- 4.6 LIST OF BUYERS 48
- 4.7 VENDOR SELECTION CRITERIA 49
- 4.8 REGULATIONS AND STANDARDS COVERAGE 50
- 4.9 SUPPLY CHAIN ANALYSIS 51
- 4.9.1 OVERVIEW 51
- 4.9.2 LOGISTIC COST SCENARIO 51
- 4.9.3 IMPORTANCE OF LOGISTICS SERVICE PROVIDERS 51
- 4.10 CLIMATE CHANGE SCENARIO 52
- 4.10.1 ENVIRONMENTAL CONCERNS 52

Scotts International. EU Vat number: PL 6772247784

- 4.10.2 INDUSTRY RESPONSE 52
- 4.10.3 GOVERNMENT'S ROLE 52
- 4.10.4 ANALYST RECOMMENDATIONS 52
- 5 MARKET OVERVIEW 54
- **5.1 DRIVERS 56**
- 5.1.1 ADVENT OF DIGITIZATION IN THE OIL AND GAS SECTOR ACROSS THE REGION 56
- 5.1.2 RISING PENETRATION OF EMERGING TECHNOLOGIES SUCH AS ARTIFICIAL INTELLIGENCE (AI) AND IOT 57
- 5.1.3 GROWING ADOPTION OF MOBILE AND SATELLITE COMMUNICATION/ CONNECTIVITY 58
- 5.1.4 GROWING INITIATIVES BY COMPANIES TO MINIMIZE CARBON FOOTPRINT 58
- 5.2 RESTRAINT 59
- 5.2.1 INCREASE IN CYBER SECURITY THREATS DUE TO DIGITAL INITIATIVES 59
- 5.3 OPPORTUNITIES 59
- 5.3.1 RISE IN DEMAND FOR WELL INTERVENTION SERVICES AND OPERATIONAL DIGITAL OILFIELD SOLUTIONS 59
- 5.3.2 INCREASE IN EXPLORATION OPERATIONS IN UNCHARTED OFFSHORE/ULTRA-DEEP-WATERS 60
- 5.3.3 RISE OF IMMERSIVE TECHNOLOGY AND CLOUD-BASED DIGITAL OILFIELDS SOLUTION 61
- 5.4 CHALLENGES 62
- 5.4.1 INTEROPERABILITY OF MULTIPLE SYSTEM COMPONENTS FROM DIFFERENT SOLUTION PROVIDERS 62
- 5.4.2 TRADE BARRIERS, LOW PRODUCTION, AND RESTRICTIONS IN LOGISTICS 62
- 6 MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET, BY OFFERING 64
- 6.1 OVERVIEW 65
- 6.2 SOFTWARE 66
- 6.2.1 HOSTED 66
- 6.2.2 ON-PREMISE 66
- 6.3 SERVICES 66
- 6.4 HARDWARE 67
- 6.4.1 DISTRIBUTED CONTROL SYSTEMS 68
- 6.4.2 SUPERVISORY CONTROL AND DATA ACQUISITION 68
- 6.4.3 COMPUTER EQUIPMENT AND APPLICATION HARDWARE 68
- 6.4.4 SMART-WELLS 68
- 6.4.5 WIRELESS SENSORS 68
- 6.4.6 PROCESS AUTOMATION 68
- 6.4.7 SAFETY SYSTEMS 69
- 6.4.8 OTHERS 69
- 7 MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET, BY PROCESS 70
- 7.1 OVERVIEW 71
- 7.2 PRODUCTION OPTIMIZATION 72
- 7.3 RESERVOIR OPTIMIZATION 72
- 7.4 DRILLING OPTIMIZATION 73
- 7.5 SAFETY MANAGEMENT 73
- 7.6 OTHERS 74
- 8 MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET, BY TECHNOLOGY 75
- **8.1 OVERVIEW 76**
- 8.2 IOT & MOBILE DEVICES 77
- 8.3 AI & ADVANCE ANALYTICS 78
- 8.4 CLOUD COMPUTING 78
- **8.5 ROBOTICS 79**
- 8.6 OTHERS 79

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9 MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET, BY APPLICATION 80
- 9.1 OVERVIEW 81
- 9.2 ON-SHORE 82
- 9.3 OFF-SHORE 82
- 10 MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET, BY REGION 83
- 10.1 MIDDLE EAST AND AFRICA 84
- 10.1.1 SAUDI ARABIA 90
- 10.1.2 U.A.E. 92
- 10.1.3 EGYPT 94
- 10.1.4 SOUTH AFRICA 96
- 10.1.5 ISRAEL 98
- 10.1.6 REST OF MIDDLE EAST AND AFRICA 100
- 11 MIDDLE EAST & AFRICA DIGITAL OILFIELD MARKET, COMPANY LANDSCAPE 101
- 11.1 COMPANY SHARE ANALYSIS: MIDDLE EAST & AFRICA 101
- 12 SWOT ANALYSIS 102
- 13 COMPANY PROFILE 103
- 13.1 BAKER HUGHES COMPANY 103
- 13.1.1 COMPANY SNAPSHOT 103
- 13.1.2 REVENUE ANALYSIS 104
- 13.1.3 COMPANY SHARE ANALYSIS 104
- 13.1.4 SOLUTION PORTFOLIO 104
- 13.1.5 RECENT DEVELOPMENTS 105
- 13.2 IBM CORPORATION 106
- 13.2.1 COMPANY SNAPSHOT 106
- 13.2.2 REVENUE ANALYSIS 106
- 13.2.3 COMPANY SHARE ANALYSIS 107
- 13.2.4 SOLUTION PORTFOLIO 107
- 13.2.5 RECENT DEVELOPMENTS 107
- 13.3 MICROSOFT 109
- 13.3.1 COMPANY SNAPSHOT 109
- 13.3.2 REVENUE ANALYSIS 109
- 13.3.3 COMPANY SHARE ANALYSIS 110
- 13.3.4 PRODUCT PORTFOLIO 110
- 13.3.5 RECENT DEVELOPMENTS 110
- 13.4 CGG 111
- 13.4.1 COMPANY SNAPSHOT 111
- 13.4.2 REVENUE ANALYSIS 111
- 13.4.3 COMPANY SHARE ANALYSIS 112
- 13.4.4 PRODUCT PORTFOLIO 112
- 13.4.5 RECENT DEVELOPMENTS 113
- 13.5 HALLIBURTON ENERGY SERVICES, INC. 115
- 13.5.1 COMPANY SNAPSHOT 115
- 13.5.2 REVENUE ANALYSIS 115
- 13.5.3 COMPANY SHARE ANALYSIS 116
- 13.5.4 PRODUCTS PORTFOLIO 116
- 13.5.5 RECENT DEVELOPMENTS 116
- 13.6 ABB 118

Scotts International. EU Vat number: PL 6772247784

- 13.6.1 COMPANY SNAPSHOT 118
- 13.6.2 REVENUE ANALYSIS 118
- 13.6.3 SOLUTIONS PORTFOLIO 119
- 13.6.4 RECENT DEVELOPMENTS 119
- 13.7 DIGI INTERNATIONAL INC. 120
- 13.7.1 COMPANY SNAPSHOT 120
- 13.7.2 REVENUE ANALYSIS 120
- 13.7.3 PRODUCT PORTFOLIO 121
- 13.7.4 RECENT DEVELOPMENT 121
- 13.8 EMERSON ELECTRIC CO. 122
- 13.8.1 COMPANY SNAPSHOT 122
- 13.8.2 REVENUE ANALYSIS 122
- 13.8.3 SOLUTION PORTFOLIO 123
- 13.8.4 RECENT DEVELOPMENT 123
- 13.9 HONEYWELL INTERNATIONAL INC. 124
- 13.9.1 COMPANY SNAPSHOT 124
- 13.9.2 REVENUE ANALYSIS 124
- 13.9.3 PRODUCTS PORTFOLIO 125
- 13.9.4 RECENT DEVELOPMENTS 125
- 13.10 KATALYST DATA MANAGEMENT 127
- 13.10.1 COMPANY SNAPSHOT 127
- 13.10.2 PRODUCT PORTFOLIO 127
- 13.10.3 RECENT DEVELOPMENTS 127
- 13.11 KONGSBERG DIGITAL (A SUBSIDIARY OF KONGSBERG) 128
- 13.11.1 COMPANY SNAPSHOT 128
- 13.11.2 REVENUE ANALYSIS 128
- 13.11.3 PRODUCTS PORTFOLIO 129
- 13.11.4 RECENT DEVELOPMENTS 129
- 13.12 NOV INC. 130
- 13.12.1 COMPANY SNAPSHOT 130
- 13.12.2 REVENUE ANALYSIS 130
- 13.12.3 PRODUCTS PORTFOLIO 131
- 13.12.4 RECENT DEVELOPMENTS 131
- 13.13 OLEUMTECH 133
- 13.13.1 COMPANY SNAPSHOT 133
- 13.13.2 SOLUTION PORTFOLIO 133
- 13.13.3 RECENT DEVELOPMENT 133
- 13.14 OSPERITY 134
- 13.14.1 COMPANY SNAPSHOT 134
- 13.14.2 SOLUTION PORTFOLIO 134
- 13.14.3 RECENT DEVELOPMENT 134
- 13.15 PETROLINK. 135
- 13.15.1 COMPANY SNAPSHOT 135
- 13.15.2 TECHNOLOGY PORTFOLIO 135
- 13.15.3 RECENT DEVELOPMENT 135
- 13.16 REDLINE COMMUNICATIONS 136
- 13.16.1 COMPANY SNAPSHOT 136

Scotts International. EU Vat number: PL 6772247784

- 13.16.2 REVENUE ANALYSIS 136
- 13.16.3 SERVICE PORTFOLIO 137
- 13.16.4 RECENT DEVELOPMENTS 137
- 13.17 ROCKWELL AUTOMATION, INC. 138
- 13.17.1 COMPANY SNAPSHOT 138
- 13.17.2 REVENUE ANALYSIS 138
- 13.17.3 SOLUTION PORTFOLIO 139
- 13.17.4 RECENT DEVELOPMENTS 140
- 13.18 SCHLUMBERGER LIMITED 141
- 13.18.1 COMPANY SNAPSHOT 141
- 13.18.2 REVENUE ANALYSIS 141
- 13.18.3 PRODUCTS PORTFOLIO 142
- 13.18.4 RECENT DEVELOPMENTS 142
- 13.19 SIEMENS AG. 143
- 13.19.1 COMPANY SNAPSHOT 143
- 13.19.2 REVENUE ANALYSIS 143
- 13.19.3 SOLUTION PORTFOLIO 144
- 13.19.4 RECENT DEVELOPMENTS 144
- 13.20 WEATHERFORD 145
- 13.20.1 COMPANY SNAPSHOT 145
- 13.20.2 REVENUE ANALYSIS 146
- 13.20.3 PRODUCT PORTFOLIO 146
- 13.20.4 RECENT DEVELOPMENTS 146
- 14 QUESTIONNAIRE 148
- 15 RELATED REPORTS 151



Print this form

To place an Order with Scotts International:

MEA Digital Oilfield Market - Industry Trends and Forecast to 2029

Market Report | 2022-10-01 | 151 pages | Data Bridge Market Research

☐ - Complete the relevant blank fields and sign				
☐ - Send as a scanned email to support@scotts-international.com				
ORDER FORM:				
Select license	License			Price
	Single User License			\$3500.00
				\$4200.00
VAT				
			Total	
*Please circle the relevant license option. For any questions please contact support@scotts-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 Numbe				
Email*		Phone*		
First Name*		Last Name*		
Job title*				
Company Name*		EU Vat / Tax ID / NIP number*		
Address*		City*		
Zip Code*		Country*		
		Date	2025-05-05	
				_
		Signature		