Oilfield Drilling Optimization Systems Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

END USERS EMBRACE MARKET FOR ENHANCED EFFICIENCY

ARC investigated the global market for oilfield drilling optimization systems for the following applications: BHA design, torque and drag optimization, hydraulic calculation & modeling, drill string stress & deflection analysis, wellbore trajectory analysis, MWD/LWD, tripping/stuck pipe, drilling vibrations reduction, and directional drilling. The report provides quantitative analysis of the different optimization system types: real-time data acquisition, well trajectory planning, BHA optimization, underbalanced drilling, and managed pressure drilling.

The implementation and execution of oilfield drilling optimization solutions and services helps users know not only where (wellbore placement) and what (formation evaluation) you are drilling, but also how you are drilling, which is mainly driven by the integration between the operator and the drilling service company.

Owner-operators, independent E&P companies, and drilling contractors have realized that investment in automation and technology solutions to increase rate of penetration, minimize stuck pipe or kicks, improve and/or enhance recovery rates, and ensure more efficient exploration and development with fewer experienced personnel is a vital investment that translates into material return on investment (ROI).

ARC believes the market will grow at a more robust pace as it continues to hold its appeal for users, particularly in the form of improved efficiency and performance that can add material ROI, lower overall operational costs, and improve profitability. With data being the new “oil” of the digital economy, real-time data acquisition is expected to have the largest investment opportunity in the coming years in the drilling optimization market.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

This report includes quantitative assessments and forecasts of drilling optimization systems and segmentations. It addresses key questions relative to drilling optimization systems, such as:

- How large is the market potential?
- Who are the leading suppliers?
- Which regions contain the largest markets?
- What are the strategic issues facing both suppliers and end users?
- Which applications will offer the greatest growth opportunities?
- Which system types will be the largest investment areas?

RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS

Major, Regional, and Application Trends
Strategies for Success

COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers
Market Shares by Region
North America
Europe, Middle East, Africa
Asia
Latin America
Market Shares by System Type
BHA Optimization
Managed Pressure Drilling
Real-time Data Acquisition
Under-balanced Drilling
Well Trajectory Planning
Market Shares by Software and Services
Market Shares by Application
BHA Design
Directional Drilling
Drill String Stress & Deflection Analysis
Drilling Vibrations Reduction
Hydraulic Calculation & Modeling
MWD/LWD

Torque and Drag Optimization
Tripping/Stuck Pipe
Wellbore Trajectory Analysis
Market Shares by Project Location
Offshore
Onshore
Subsea
Market Shares by Sales Channel
Market Shares by Customer Type

MARKET FORECASTS

Total Oilfield Drilling Optimization Systems Business

Shipments by Region
Shipments by System Type
Shipments by Software and Services
Shipments by Application
Shipments by Project Location
Shipments by Sales Channel
Shipments by Customer Type

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.