

Inspection Robotics in Oil & Gas Industry: Global Market 2017-2025 by Robot Type, Sub-system and Region

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Abstracts

Inspection robotics in oil & gas industry are robots and intelligent devices developed and employed for inspecting, monitoring and surveying oil & gas pipelines, platforms, rigs, storage tanks and other oil & gas structures. Oil & gas inspection robots include unmanned underwater vehicles (UUVs), unmanned aerial vehicles (UAVs), and unmanned ground vehicles (UGVs). UUVs include remotely operated underwater vehicles (ROVs) and autonomous underwater vehicles (AUVs). Global total Capex (capital expenditure) of inspection robots in oil & gas industry will advance to \$2.85 billion in 2025, representing a robust growth at XX% per annum between 2016 and 2025. The cumulative Capex of global inspection robots in oil & gas industry is expected to reach \$XXX billion during 2017-2025 driven by the substantial increasing adoption of ROVs, AUVs, UAVs and UGVs in oil & gas exploration and production.

Highlighted with 31 tables and 67 figures, this 164-page report “Inspection Robotics in Oil & Gas Industry: Global Market 2017-2025 by Robot Type, Sub-system and Region” is based on a comprehensive research of the inspection robots market in oil & gas industry by analyzing the entire global market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain.

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The global market is forecast in optimistic, conservative and balanced view. The balanced (most likely) projection is used to quantify global oil & gas inspection robots market in every aspect of the classification from perspectives of vehicle type, sub-system and region.

Based on vehicle type, the global market of inspection robots in oil & gas industry is split and analyzed on the following sections in terms of annual capex over 2014-2025.

ROVs

AUVs

UAVs

UGVs

Based on system component, the global market is divided and analyzed on the following segments in terms of capex for 2014-2025.

Hardware System (further split into Imaging System, Sensors and Automation Systems, Steering and Positioning, Navigation System, Energy and Propulsion, others)

Software System

Operation and Service

Geographically, the following regions together with the listed national markets are fully

investigated:

APAC (Japan, China, Indonesia, Australia, India, and Rest of APAC)

Europe (Germany, UK, Norway, Russia, Rest of Europe)

North America (U.S. and Canada)

Latin America (Brazil, Mexico, Argentina, Rest of Latin America)

Africa (Nigeria, Angola)

Middle East (Saudi Arabia, United Arab Emirates)

For each of the aforementioned regions and countries, detailed analysis and data for annual capex are available for 2014-2025. The breakdown of all regional markets and important national markets by vehicle type over the forecast years is included.

The report also covers current competitive scenario and the predicted manufacture trend; and profiles global oil & gas inspection robot vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global oil & gas inspection robot market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

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