

# **Intelligent Completion Market by Application (Onshore & Offshore), Component (Hardware & Software), Type (Complex & Simple), Function (Downhole Monitoring & Control System, Surface Control System, and Communication), and Region - Global Forecast to 2023**

<https://marketpublishers.com/r/I7A61ABC7D5EN.html>

Date: August 2018

Pages: 127

Price: US\$ 5,650.00 (Single User License)

ID: I7A61ABC7D5EN

## **Abstracts**

“The intelligent completion market is projected to grow at a CAGR of 6.05%, from 2018 to 2023”

The intelligent completion market is projected to reach USD 2.16 billion by 2023, from an estimated USD 1.61 billion in 2018, at a CAGR of 6.05%. This growth can be attributed to the increasing focus toward the production of oil & gas wells and improved economical and operational benefits across the globe. High initial costs coupled with a lack of data processing infrastructure on the oil & gas rigs can hinder the growth of this market.

“The onshore segment is expected to be the largest growing market in the intelligent completion market during the forecast period”

The onshore segment accounted for the fastest growing segment by application in intelligent completion during the forecasted period. The cost incurred in the oil & gas activities such as drilling and well completion is less in onshore when compared to offshore applications. The increasing production activities from onshore are likely to boost the intelligent completion market during the forecast period. The countries which have no offshore reserves are conducting enhanced oil recovery that has increased the demand for intelligent completion for the onshore segment.

“Middle East: The fastest growing market for intelligent completion market”

The Middle East is projected to grow at the highest CAGR during the forecast period. Saudi Arabia accounted for the largest share of the intelligent completion market in the Middle East in 2017. The market growth in this region is driven by investments in the power generation and the oil & gas sector. The region has abundant reserves of hydrocarbons and is one of the leading petroleum-producing regions in the world. It is the primary exporter of oil & gas globally, primarily to Asian countries such as China and India.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 36%, Tier 2- 40%, and Tier 3- 24%

By Designation: C-Level- 25%, Managers- 35%, and Others- 40%

By Region: North America- 25%, Europe- 15%, Asia Pacific- 20%, Middle East- 30%, and RoW- 10%

**Note:** Others includes product engineers, product specialists, and engineering leads.

**Note:** The tiers of the companies are defined on the basis of their total revenues as of 2017. Tier 1: >USD 1 billion, Tier 2: From USD 500 million to USD 1 billion, and Tier 3:

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 REGIONAL SCOPE
  - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Key industry insights
    - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP APPROACH
  - 2.2.2 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH LIMITATIONS
- 2.5 RESEARCH ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE INTELLIGENT COMPLETION MARKET, 2018–2023
- 4.2 INTELLIGENT COMPLETION MARKET, BY COUNTRIES, 2018 & 2023
- 4.3 INTELLIGENT COMPLETION MARKET, BY APPLICATION, 2018 & 2023
- 4.4 INTELLIGENT COMPLETION MARKET, BY COMPONENT, 2018 & 2023
- 4.5 INTELLIGENT COMPLETION MARKET, BY TYPE, 2018 & 2023

## **5 MARKET OVERVIEW**

### 5.1 INTRODUCTION

### 5.2 MARKET DYNAMICS

#### 5.2.1 DRIVERS

5.2.1.1 Focus on the increasing production from oil & gas wells

5.2.1.2 Improved economic and operational benefits

#### 5.2.2 RESTRAINTS

5.2.2.1 High initial cost coupled with lack of data processing infrastructure in the oil & gas rigs

#### 5.2.3 OPPORTUNITIES

5.2.3.1 Exploration activities in offshore and Arctic regions

5.2.3.2 Increased adoption of data-driven technologies for real-time monitoring in the oil & gas industry

#### 5.2.4 CHALLENGES

5.2.4.1 Concerns regarding data privacy and increased cybersecurity risks

## **6 INTELLIGENT COMPLETION MARKET, BY APPLICATION**

### 6.1 INTRODUCTION

### 6.2 ONSHORE

### 6.3 OFFSHORE

## **7 INTELLIGENT COMPLETION MARKET, BY COMPONENT**

### 7.1 INTRODUCTION

### 7.2 HARDWARE

### 7.3 SOFTWARE

## **8 INTELLIGENT COMPLETION MARKET, BY TYPE**

### 8.1 INTRODUCTION

### 8.2 SIMPLE INTELLIGENT WELL COMPLETION

### 8.3 COMPLEX INTELLIGENT WELL COMPLETION

## **9 INTELLIGENT COMPLETION MARKET, BY FUNCTION**

### 9.1 INTRODUCTION

- 9.2 DOWNHOLE MONITORING SYSTEM
- 9.3 DOWNHOLE CONTROL SYSTEM
- 9.4 SURFACE CONTROL SYSTEM
- 9.5 COMMUNICATION SYSTEM

## **10 INTELLIGENT COMPLETION MARKET, BY REGION**

- 10.1 INTRODUCTION
- 10.2 ASIA PACIFIC
  - 10.2.1 BY APPLICATION
  - 10.2.2 BY COMPONENT
  - 10.2.3 BY TYPE
  - 10.2.4 BY COUNTRY
    - 10.2.4.1 China
    - 10.2.4.2 Malaysia
    - 10.2.4.3 Indonesia
    - 10.2.4.4 Rest of Asia Pacific
- 10.3 NORTH AMERICA
  - 10.3.1 BY APPLICATION
  - 10.3.2 BY COMPONENT
  - 10.3.3 BY TYPE
  - 10.3.4 BY COUNTRY
    - 10.3.4.1 US
    - 10.3.4.2 Canada
    - 10.3.4.3 Mexico
- 10.4 EUROPE
  - 10.4.1 BY APPLICATION
  - 10.4.2 BY COMPONENT
  - 10.4.3 BY TYPE
  - 10.4.4 BY COUNTRY
    - 10.4.4.1 Norway
    - 10.4.4.2 Russia
    - 10.4.4.3 UK
    - 10.4.4.4 Rest of Europe
- 10.5 MIDDLE EAST
  - 10.5.1 BY COMPONENT
  - 10.5.2 BY APPLICATION
  - 10.5.3 BY TYPE
  - 10.5.4 BY COUNTRY

- 10.5.4.1 Saudi Arabia
- 10.5.4.2 UAE
- 10.5.4.3 Kuwait
- 10.5.4.4 Oman
- 10.5.4.5 Rest of the Middle East

## 10.6 AFRICA

- 10.6.1 BY APPLICATION
- 10.6.2 BY COMPONENT
- 10.6.3 BY TYPE
- 10.6.4 BY COUNTRY
  - 10.6.4.1 Angola
  - 10.6.4.2 Nigeria
  - 10.6.4.3 Rest of Africa

## 10.7 SOUTH AMERICA

- 10.7.1 BY APPLICATION
- 10.7.2 BY COMPONENT
- 10.7.3 BY TYPE
- 10.7.4 BY COUNTRY
  - 10.7.4.1 Brazil
  - 10.7.4.2 Argentina
  - 10.7.4.3 Rest of South America

## 11 COMPETITIVE LANDSCAPE

### 11.1 OVERVIEW

### 11.2 MARKET RANKING OF PLAYERS AND INDUSTRY CONCENTRATION, 2017

### 11.3 COMPETITIVE SCENARIO

- 11.3.1 CONTRACTS & AGREEMENTS
- 11.3.2 NEW PRODUCT LAUNCHES
- 11.3.3 MERGERS & ACQUISITIONS
- 11.3.4 EXPANSION
- 11.3.5 PARTNERSHIP & COLLABORATION

## 12 COMPANY PROFILE

### 12.1 BENCHMARKING

(Business Overview, Products/ Services Offered, Recent Developments, and MnM View)\*

### 12.2 SCHLUMBERGER

- 12.3 WEATHERFORD
- 12.4 BHGE
- 12.5 HALLIBURTON
- 12.6 NATIONAL OILWELL VARCO
- 12.7 OURO NEGRO
- 12.8 PACKERS PLUS ENERGY SERVICES
- 12.9 OMEGA WELL INTERVENTION LTD.
- 12.10 CISCON NIGERIA
- 12.11 PRAXIS
- 12.12 VANTAGE ENERGY
- 12.13 TENDEKA

\*Details on Business Overview, Products/ Services Offered Offered, Recent Developments, and MnM View might not be captured in case of unlisted companies.

## **13 APPENDIX**

- 13.1 INSIGHTS OF INDUSTRY EXPERTS
- 13.2 DISCUSSION GUIDE
- 13.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 13.4 AVAILABLE CUSTOMIZATIONS
- 13.5 RELATED REPORTS
- 13.6 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

TABLE 1 INTELLIGENT COMPLETION MARKET SNAPSHOT

TABLE 2 INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 3 ONSHORE: INTELLIGENT COMPLETION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 4 OFFSHORE: INTELLIGENT COMPLETION TOR MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 5 INTELLIGENT COMPLETION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

TABLE 6 HARDWARE: INTELLIGENT COMPLETION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 7 SOFTWARE: INTELLIGENT COMPLETION TOR MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 8 INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 9 SIMPLE INTELLIGENT WELL COMPLETION: INTELLIGENT COMPLETION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 10 COMPLEX INTELLIGENT WELL COMPLETION: INTELLIGENT COMPLETION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 11 INTELLIGENT COMPLETION MARKET SIZE, BY FUNCTION, 2016–2023 (USD MILLION)

TABLE 12 INTELLIGENT COMPLETION MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 13 TOP 5 INTELLIGENT COMPLETION LARGEST MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 14 TOP 5 INTELLIGENT COMPLETION FASTEST MARKET, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 15 TOP 5 INTELLIGENT COMPLETION LARGEST MARKET SIZE, BY OFFSHORE, 2016–2023 (USD MILLION)

TABLE 16 ASIA PACIFIC: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 17 ASIA PACIFIC: INTELLIGENT COMPLETION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

TABLE 18 ASIA PACIFIC: INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)



- TABLE 19 ASIA PACIFIC: INTELLIGENT COMPLETION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
- TABLE 20 CHINA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 21 MALAYSIA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 22 INDONESIA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 23 REST OF ASIA PACIFIC: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 24 NORTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 25 NORTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)
- TABLE 26 NORTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)
- TABLE 27 NORTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
- TABLE 28 US: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 29 CANADA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 30 MEXICO: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 31 EUROPE: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 32 EUROPE: INTELLIGENT MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)
- TABLE 33 EUROPE: INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)
- TABLE 34 EUROPE: INTELLIGENT COMPLETION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
- TABLE 35 NORWAY: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 36 RUSSIA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 37 UK: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)
- TABLE 38 REST OF EUROPE: INTELLIGENT COMPLETION MARKET SIZE, BY END-

USER, 2016–2023 (USD MILLION)

TABLE 39 MIDDLE EAST: INTELLIGENT COMPLETION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

TABLE 40 MIDDLE EAST: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 41 MIDDLE EAST: INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 42 MIDDLE EAST: INTELLIGENT COMPLETION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 43 SAUDI ARABIA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 44 UAE: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 45 KUWAIT: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 46 OMAN: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 47 REST OF THE MIDDLE EAST: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 48 AFRICA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 49 AFRICA: INTELLIGENT COMPLETION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

TABLE 50 AFRICA: INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 51 AFRICA: INTELLIGENT COMPLETION MARKET SIZE, BY COUNTRY, 2016–2023 (USD BILLION)

TABLE 52 ANGOLA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 53 NIGERIA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 54 REST OF AFRICA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 55 SOUTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 56 SOUTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY COMPONENT, 2016–2023 (USD MILLION)

TABLE 57 SOUTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 58 SOUTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 59 BRAZIL: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 60 ARGENTINA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 61 REST OF SOUTH AMERICA: INTELLIGENT COMPLETION MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 62 CONTRACTS & AGREEMENTS, 2017

TABLE 63 NEW PRODUCT LAUNCHES, 2014–2017

TABLE 64 MERGERS & ACQUISITIONS, 2014–2017

TABLE 65 MERGERS & ACQUISITIONS, 2014–2017

TABLE 66 MERGERS & ACQUISITIONS, 2014–2017

## List Of Figures

### LIST OF FIGURES

FIGURE 1 RESEARCH DESIGN

FIGURE 2 BOTTOM-UP APPROACH

FIGURE 3 TOP-DOWN APPROACH

FIGURE 4 DATA TRIANGULATION METHODOLOGY

FIGURE 5 ASSUMPTIONS OF THE RESEARCH STUDY

FIGURE 6 EUROPEAN MARKET DOMINATED THE INTELLIGENT COMPLETION MARKET IN 2017

FIGURE 7 ONSHORE SEGMENT IS EXPECTED TO LEAD THE INTELLIGENT COMPLETION MARKET, BY APPLICATION, DURING THE FORECAST PERIOD

FIGURE 8 HARDWARE SEGMENT IS EXPECTED TO LEAD THE INTELLIGENT COMPLETION MARKET, BY COMPONENT, DURING THE FORECAST PERIOD

FIGURE 9 SIMPLE INTELLIGENT WELL COMPLETION SEGMENT IS EXPECTED TO LEAD THE INTELLIGENT COMPLETION MARKET, BY TYPE, DURING THE FORECAST PERIOD

FIGURE 10 INCREASING PRODUCTION OF OIL & GAS FROM WELLS IS EXPECTED TO DRIVE THE INTELLIGENT COMPLETION MARKET DURING THE FORECAST PERIOD

FIGURE 11 SAUDI ARABIA IS EXPECTED TO HOLD THE FASTEST GROWING MARKET DURING THE FORECAST PERIOD

FIGURE 12 THE ONSHORE SEGMENT IS EXPECTED TO HAVE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

FIGURE 13 HARDWARE SEGMENT IS EXPECTED TO LEAD THE INTELLIGENT COMPLETION MARKET DURING THE FORECAST PERIOD

FIGURE 14 SIMPLE INTELLIGENT WELL COMPLETION SEGMENT IS EXPECTED TO LEAD THE INTELLIGENT COMPLETION MARKET DURING THE FORECAST PERIOD

FIGURE 15 MARKET DYNAMICS: INTELLIGENT COMPLETIONS MARKET

FIGURE 16 INCREASE IN PRODUCTION WITH THE APPLICATION OF INTELLIGENT COMPLETIONS, 2012–2016

FIGURE 17 WORLD CRUDE OIL ANNUAL PRODUCTION, 2016–2019

FIGURE 18 WORLD CRUDE OIL ANNUAL PRODUCTION VS. CONSUMPTION, 2011–2016

FIGURE 19 GLOBAL OFFSHORE INVESTMENTS, 2011–2022 (USD BILLION)

FIGURE 20 ONSHORE SEGMENT ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2017

FIGURE 21 HARDWARE SEGMENT ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2017

FIGURE 22 THE SINGLE INTELLIGENT COMPLETION TYPE ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2017

FIGURE 23 EUROPE IS THE LARGEST MARKET (BY VALUE) DURING THE FORECAST PERIOD

FIGURE 24 NORTH AMERICA: MARKET SNAPSHOT

FIGURE 25 EUROPE: MARKET SNAPSHOT

FIGURE 26 KEY DEVELOPMENTS IN THE INTELLIGENT COMPLETION MARKET, 2014–2017

FIGURE 27 SCHLUMBERGER LEAD THE MARKET FOR INTELLIGENT COMPLETION IN 2017

FIGURE 28 SCHLUMBERGER: COMPANY SNAPSHOT

FIGURE 29 WEATHERFORD: COMPANY SNAPSHOT

FIGURE 30 BHGE: COMPANY SNAPSHOT

FIGURE 31 HALLIBURTON: COMPANY SNAPSHOT

FIGURE 32 NATIONAL OILWELL VARCO: COMPANY SNAPSHOT

## I would like to order

Product name: Intelligent Completion Market by Application (Onshore & Offshore), Component (Hardware & Software), Type (Complex & Simple), Function (Downhole Monitoring & Control System, Surface Control System, and Communication), and Region - Global Forecast to 2023

Product link: <https://marketpublishers.com/r/I7A61ABC7D5EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/I7A61ABC7D5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970