

North America 5G in Oil & Gas Market 2022-2032 by Offering (Hardware, Software, Services), Spectrum (Low, Mid, High), Connectivity (EMBB, MMTC, URLLC), Application (Upstream, Midstream, Downstream), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/NBB2B2E7A2D8EN.html>

Date: March 2023

Pages: 108

Price: US\$ 2,465.00 (Single User License)

ID: NBB2B2E7A2D8EN

Abstracts

North America 5G in oil & gas market is projected to grow by 35.0% annually in the forecast period and reach \$ 11,060.1 million by 2032, driven by the expanding oil & gas industry, growing demand for ultra-high speed coupled with low latency communication between production sites and vessels, enhanced productivity and operational efficiency, and 5G-enabled systems such as drones, internet of things (IoT), robotics, and artificial intelligence (AI).

Highlighted with 28 tables and 40 figures, this 108-page report “North America 5G in Oil & Gas Market 2022-2032 by Offering (Hardware, Software, Services), Spectrum (Low, Mid, High), Connectivity (EMBB, MMTC, URLLC), Application (Upstream, Midstream, Downstream), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America 5G in oil & gas 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. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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 trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America 5G in oil & gas market in every aspect of the classification from perspectives of Offering, Spectrum, Connectivity, Application, and Country.

Based on Offering, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Software

Services

Based on Spectrum, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Low-Band

Mid-Band

High-Band

By Connectivity, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Enhanced Mobile Broadband (EMBB)

Massive Machine-type Communications (MMTC)

Ultra-reliable Low-latency Communication (URLLC)

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Upstream Operation

Midstream Operation

Downstream Operation

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Offering, Spectrum and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Alibaba Cloud

Athonet

China Mobile Ltd.

China Telecommunications Corporation

Cisco Systems, Inc.

Ericsson AB

Fuze

Google (Google Cloud)

Hitachi Energy

Huawei Technologies Co., Ltd.

Intrado

Microsoft (Microsoft Azure)

Niral Network

Nokia Corp.

NTT Docomo, Inc.

Qualcomm Technologies, Inc.

Samsung Electronics Co., Ltd.

Sateliot

Sierra Wireless

Verizon Communications Inc.

Windstream

ZTE

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
 - 2.2.1 Overview of Oil & Gas Industry
 - 2.2.2 Overview of 5G Technology
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
- 3.3 Software
- 3.4 Services

4 SEGMENTATION OF NORTH AMERICA MARKET BY SPECTRUM

4.1 Market Overview by Spectrum

4.2 Low-Band

4.3 Mid-Band

4.4 High-Band

5 SEGMENTATION OF NORTH AMERICA MARKET BY CONNECTIVITY

5.1 Market Overview by Connectivity

5.2 Enhanced Mobile Broadband (EMBB)

5.3 Massive Machine-type Communications (MMTC)

5.4 Ultra-reliable Low-latency Communication (URLLC)

6 SEGMENTATION OF NORTH AMERICA MARKET BY APPLICATION

6.1 Market Overview by Application

6.2 Upstream Operation

6.3 Midstream Operation

6.4 Downstream Operation

7 NORTH AMERICA MARKET 2022-2032 BY COUNTRY

7.1 Overview of North America Market

7.2 U.S.

7.3 Canada

7.4 Mexico

8 COMPETITIVE LANDSCAPE

8.1 Overview of Key Vendors

8.2 New Product Launch, Partnership, Investment, and M&A

8.3 Company Profiles

Alibaba Cloud

Athonet

China Mobile Ltd.

China Telecommunications Corporation

Cisco Systems, Inc.

Ericsson AB

Fuze

Google (Google Cloud)

Hitachi Energy
Huawei Technologies Co., Ltd.
Intrado
Microsoft (Microsoft Azure)
Niral Network
Nokia Corp.
NTT Docomo, Inc.
Qualcomm Technologies, Inc.
Samsung Electronics Co., Ltd.
Sateliot
Sierra Wireless
Verizon Communications Inc.
Windstream
ZTE

RELATED REPORTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of North America 5G in Oil & Gas Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Top 10 Countries with the Largest Oil Reserves, 2020, thousand million barrels and %

Table 6. Planned Oil & Gas Upstream Projects, 2020 and Beyond

Table 7. Comparison of Leading 5G Carriers, Dec 2022

Table 8. Significance Spectrum Band of 5G in Common Use Cases

Table 9. Use Cases of 5G in Oil & Gas Industry

Table 10. Main Product Trends and Market Opportunities in North America 5G in Oil & Gas Market

Table 11. North America 5G in Oil & Gas Market by Offering, 2022-2032, \$ mn

Table 12. Comparison of 5G Spectrum Bands

Table 13. North America 5G in Oil & Gas Market by Spectrum, 2022-2032, \$ mn

Table 14. North America 5G in Oil & Gas Market by Connectivity, 2022-2032, \$ mn

Table 15. North America 5G in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 16. North America 5G in Oil & Gas Market by Country, 2022-2032, \$ mn

Table 17. U.S. 5G in Oil & Gas Market by Offering, 2022-2032, \$ mn

Table 18. U.S. 5G in Oil & Gas Market by Spectrum, 2022-2032, \$ mn

Table 19. U.S. 5G in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 20. Canada 5G in Oil & Gas Market by Offering, 2022-2032, \$ mn

Table 21. Canada 5G in Oil & Gas Market by Spectrum, 2022-2032, \$ mn

Table 22. Canada 5G in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 23. Mexico 5G in Oil & Gas Market by Offering, 2022-2032, \$ mn

Table 24. Mexico 5G in Oil & Gas Market by Spectrum, 2022-2032, \$ mn

Table 25. Mexico 5G in Oil & Gas Market by Application, 2022-2032, \$ mn

Table 26. Alibaba Cloud: Company Snapshot

Table 27. Alibaba Cloud: Business Segmentation

Table 28. Alibaba Cloud: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. North America 5G in Oil & Gas Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of North America 5G in Oil & Gas Market

Figure 7. World Crude Oil Production, 2000-2021, million tons

Figure 8. World Gas Production, 1990-2021, bcm

Figure 9. Proved Gas Reserves by Country, 2020, trillion cubic meters

Figure 10. Comparison of 3G, 4G, and 5G

Figure 11. World 5G Technology Market, 2019-2030, \$ bn

Figure 12. Primary Restraints and Impact Factors of North America 5G in Oil & Gas Market

Figure 13. Investment Opportunity Analysis

Figure 14. Porter's Five Forces Analysis of North America 5G in Oil & Gas Market

Figure 15. Breakdown of North America 5G in Oil & Gas Market by Offering, 2022-2032, % of Revenue

Figure 16. North America Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 17. North America 5G in Oil & Gas Market by Offering: Hardware, 2022-2032, \$ mn

Figure 18. North America 5G in Oil & Gas Market by Offering: Software, 2022-2032, \$ mn

Figure 19. North America 5G in Oil & Gas Market by Offering: Services, 2022-2032, \$ mn

Figure 20. Breakdown of North America 5G in Oil & Gas Market by Spectrum, 2022-2032, % of Sales Revenue

Figure 21. North America Addressable Market Cap in 2023-2032 by Spectrum, Value (\$ mn) and Share (%)

Figure 22. North America 5G in Oil & Gas Market by Spectrum: Low-Band, 2022-2032, \$ mn

Figure 23. North America 5G in Oil & Gas Market by Spectrum: Mid-Band, 2022-2032, \$ mn

Figure 24. North America 5G in Oil & Gas Market by Spectrum: High-Band, 2022-2032,

\$ mn

Figure 25. Breakdown of North America 5G in Oil & Gas Market by Connectivity, 2022-2032, % of Sales Revenue

Figure 26. North America Addressable Market Cap in 2023-2032 by Connectivity, Value (\$ mn) and Share (%)

Figure 27. North America 5G in Oil & Gas Market by Connectivity: Enhanced Mobile Broadband (EMBB), 2022-2032, \$ mn

Figure 28. North America 5G in Oil & Gas Market by Connectivity: Massive Machine-type Communications (MMTC), 2022-2032, \$ mn

Figure 29. North America 5G in Oil & Gas Market by Connectivity: Ultra-reliable Low-latency Communication (URLLC), 2022-2032, \$ mn

Figure 30. Breakdown of North America 5G in Oil & Gas Market by Application, 2022-2032, % of Revenue

Figure 31. North America Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%)

Figure 32. North America 5G in Oil & Gas Market by Application: Upstream Operation, 2022-2032, \$ mn

Figure 33. North America 5G in Oil & Gas Market by Application: Midstream Operation, 2022-2032, \$ mn

Figure 34. North America 5G in Oil & Gas Market by Application: Downstream Operation, 2022-2032, \$ mn

Figure 35. Breakdown of North America 5G in Oil & Gas Market by Country, 2022 and 2032, % of Revenue

Figure 36. Contribution to North America 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 37. U.S. 5G in Oil & Gas Market, 2022-2032, \$ mn

Figure 38. Canada 5G in Oil & Gas Market, 2022-2032, \$ mn

Figure 39. 5G in Oil & Gas Market in Mexico, 2022-2032, \$ mn

Figure 40. Growth Stage of North America 5G in Oil & Gas Industry over the Forecast Period

I would like to order

Product name: North America 5G in Oil & Gas Market 2022-2032 by Offering (Hardware, Software, Services), Spectrum (Low, Mid, High), Connectivity (EMBB, MMTC, URLLC), Application (Upstream, Midstream, Downstream), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/NBB2B2E7A2D8EN.html>

Price: US\$ 2,465.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NBB2B2E7A2D8EN.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