+44 20 8123 2220
info@marketpublishers.com

# Pipeline Network Market by Offering (Solution and Services), Application (Pipeline Monitoring and Pipeline Operation Optimization), Content, End-User Industry (Crude & Refined Petroleum, Water & Wastewater), and Region - Global Forecast to 2024

https://marketpublishers.com/r/P29E26816853EN.html
Date: November 2019
Pages: 179
Price: US$ 5,650.00 (Single User License)
ID: P29E26816853EN

## Abstracts

Rising demand for oil and gas from developing countries to drive the pipeline network market growth

MarketsandMarkets projects the pipeline network market to grow from USD 8.5 billion in 2019 to USD 12.3 billion by 2024, at a Compound Annual Growth Rate (CAGR) of 7.6% from 2019 to 2024. The increasing demand for oil and gas to fuel the transportation, industrial, and electric power sectors in developing countries has led to the need for utilization of pipelines to their maximum capacity. However, inadequate infrastructure facilities have resulted in revenue losses, due to pipeline leakage, theft, and poor maintenance. This, in turn, leads to an increased need for reduced occurrences of pipeline leaks, unscheduled maintenance due to infrastructure failure, and weather-related instances for effective transportation of oil and gas across the globe. These factors are considered to be driving the growth of the pipeline network market.

By offering, the solutions segment to account for a higher market share during the forecast period

Pipeline network management solutions ensure the safety of pipelines, optimize the utilization of resources, enhance the performance efficiency of pipeline transportation, and provide real-time operational control. Pipeline network management solutions help avoid a loss of the pipeline content, due to leakage and reduce the overall pipeline transportation cost. These are the major driving factors for the growth of the pipeline

network management solutions in the market. Moreover, an increasing number of pipeline safety compliance inspections from regulatory agencies and the growing production of crude oil and natural gas are additional factors driving the adoption of pipeline network management solutions across the globe.

By application, the pipeline monitoring segment to hold a larger market size during the forecast period

For the pipeline monitoring application segment, pipeline network management solutions are constantly evolving toward implementing security measures that need to be deployed in case of any potential threat alerts. Currently, the pipeline monitoring segment is witnessing advancements with the development of new devices and solutions to monitor overall pipeline performance, optimize resources, automate pipeline-related functions, and safeguard overall operations. Factors, such as increased number of oil and gas leaks in production, pipelines, and storage tanks, due to natural disasters and high pressure of pipeline content, stringent government regulations for pipeline safety and security, and expansion and upgradation of pipeline infrastructure are factors driving the growth of the pipeline monitoring segment in the market.

By region, Asia Pacific to grow at the highest CAGR during the forecast period

Oil and gas are important resources for economic development in APAC as the region is developing continuously; hence, there is a rising energy demand in the region. The region is witnessing growing infrastructure development activities related to oil and gas due to rising rise in the infrastructure development of various refineries. The development of these refineries contributes to the growth of the pipeline network infrastructure for the transportation of oil and gas. The regions' continuous economic development, along with oil and gas infrastructure development activities, is expected to boost the pipeline network market in the region.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, innovation and technology directors, and executives from various key organizations operating in the pipeline network market.

The breakup of the profiles of the primary participants is given below:

By Company Type: Tier 1 – 55%, Tier 2 – 27%, and Tier 3 – 18%

By Designation: C-Level Executives– 33%, Director Level – 25%, and

+44 20 8123 2220
info@marketpublishers.com

Managers–42%

By Region: North America – 38%, Europe – 19%, APAC – 14, and Rest of the World – 29%

The following key Pipeline network management vendors are profiled in the report:

Huawei (China)

ABB (Switzerland)

Siemens (Germany)

Hitachi (Japan)

Schneider Electric (France)

PSI Software (Germany)

Honeywell (US)

GE (US)

Wipro (India)

Emerson (US)

Cisco Systems (US)

Rockwell Automation (US)

Moxa (Taiwan)

ORBCOMM (US)

OptaSense (UK)

Pure Technologies (Canada)

Necon Group (Qatar)

Sensornet (UK)

Open Access Technology International (US)

KROHNE Group (Germany)

Research Coverage

The pipeline network market is segmented by offering (solutions and services), application (pipeline monitoring and pipeline operation optimization), content (gas pipeline and liquid pipeline), end-user industry (crude and refined petroleum, water and wastewater, and others), and region. A detailed analysis of the key industry players has been undertaken to provide insights into their business overviews; services; key strategies; new service and product launches; partnerships, agreements, and collaborations; business expansions; and competitive landscape associated with the pipeline network market.

Reasons to Buy the Report

The report would help the market leaders and new entrants in the following ways:

It comprehensively segments the pipeline network market and provides the closest approximations of the revenue numbers for the overall market and its subsegments across different regions.

It would help stakeholders understand the pulse of the market and provide information on the key market drivers, restraints, challenges, and opportunities in the market.

It would help stakeholders understand their competitors better and gain more insights to enhance their positions in the market. The competitive landscape section includes the competitor ecosystem, new service developments, partnerships, and acquisitions.

# Contents

+44 20 8123 2220
info@marketpublishers.com

## 5 MARKET OVERVIEW AND INDUSTRY TRENDS



## 6 PIPELINE NETWORK MANAGEMENT MARKET, BY OFFERING

6.2.2 SURVEILLANCE AND SECURITY

6.2.2.1 Constant risk of terrorist attacks, unauthorized intrusions, and pipeline content thefts to drive the demand for surveillance and security solutions

6.2.3 COMMUNICATION SYSTEM

6.2.3.1 Rising demand for secure and cost-effective wireless communication to drive the adoption of the communication system segment

6.2.4 PIPELINE GIS SOFTWARE

6.2.4.1 Demand for simplification of remote monitoring of pipeline infrastructure to drive the adoption of the pipeline
GIS software segment

6.3 SERVICES

6.3.1 CONSULTING

6.3.1.1 Need to understand the customer needs for tailor-made pipeline network management solutions to drive the growth of consulting services in the market

6.3.2 INTEGRATION AND DEPLOYMENT

6.3.2.1 Need to deploy pipeline network management solutions efficiently to propel the demand for integration and deployment services in the market

6.3.3 TRAINING, SUPPORT, AND MAINTENANCE

6.3.3.1 Increase in the adoption of pipeline network management solutions to lead to the growth of the training, support, and maintenance segment

## 7 PIPELINE NETWORK MANAGEMENT MARKET, BY APPLICATION

7.1 INTRODUCTION

7.2 PIPELINE MONITORING

7.2.1 LEAK DETECTION

7.2.1.1 Avoiding a significant amount of loss of crude oil and gas due to pipeline leakage to drive the growth of the leak detection segment

7.2.2 PIPELINE BREAK DETECTION

7.2.2.1 Increased instances of terrorist and militant activities to drive the growth of the pipeline break detection segment

7.2.3 OPERATING CONDITION

7.2.3.1 Need to monitor proper pipeline functioning and the demand to avoid disturbance in operating conditions to be the factors driving the growth the operating condition segment

7.2.4 OTHERS

7.3 PIPELINE OPERATION OPTIMIZATION

7.3.1 NEED TO REDUCE THE COST OF PIPELINE OPERATION AND MAINTENANCE TO DRIVE THE GROWTH OF THE PIPELINE OPERATION

OPTIMIZATION SEGMENT

**8 PIPELINE NETWORK MANAGEMENT MARKET, BY CONTENT**

8.1 INTRODUCTION
8.2 GAS PIPELINE
  8.2.1 INCREASING CONSUMPTION OF NATURAL GAS ACROSS THE GLOBE TO DRIVE THE GROWTH OF THE GAS PIPELINE SEGMENT
8.3 LIQUID PIPELINE
  8.3.1 GROWING EXPORT OF CRUDE OIL ACROSS THE GLOBE TO DRIVE THE GROWTH OF THE LIQUID PIPELINE SEGMENT

**9 PIPELINE NETWORK MANAGEMENT MARKET, BY END-USER INDUSTRY**

9.1 INTRODUCTION
9.2 CRUDE AND REFINED PETROLEUM
  9.2.1 NATURAL GAS
    9.2.1.1 Growing demand for natural gas consumption for power generation to drive the demand for pipeline network management solutions in the natural gas end-user industry
  9.2.2 OIL
    9.2.2.1 Rising pipeline development projects to drive the demand for pipeline network management solutions in the oil end-user industry
  9.2.3 BIOFUEL
    9.2.3.1 High crude oil prices and rising consumption of biofuel to drive the demand for pipeline network management solutions in the biofuel end-user industry
9.3 WATER AND WASTEWATER
  9.3.1 RISING INSTANCES OF WATER THEFT AND WATER LEAKAGE DURING WATER TRANSPORTATION TO DRIVE THE DEMAND FOR PIPELINE NETWORK MANAGEMENT SOLUTIONS IN THE WATER AND WASTEWATER END-USER INDUSTRY
9.4 OTHERS

**10 PIPELINE NETWORK MANAGEMENT MARKET, BY REGION**

10.1 INTRODUCTION
10.2 NORTH AMERICA
  10.2.1 UNITED STATES
    10.2.1.1 Increasing need to avoid hazards and preserve the environment to drive the

+44 20 8123 2220
info@marketpublishers.com



**11 COMPETITIVE LANDSCAPE**



**12 COMPANY PROFILES**

**13 APPENDIX**

+44 20 8123 2220
info@marketpublishers.com

# List Of Tables

## LIST OF TABLES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

## List Of Figures

**LIST OF FIGURES**

+44 20 8123 2220
info@marketpublishers.com

FIGURE 46 EMERSON: COMPANY SNAPSHOT

Market Publishers

+44 20 8123 2220
info@marketpublishers.com

## I would like to order

Product name: Pipeline Network Market by Offering (Solution and Services), Application (Pipeline Monitoring and Pipeline Operation Optimization), Content, End-User Industry (Crude & Refined Petroleum, Water & Wastewater), and Region - Global Forecast to 2024

Product link: https://marketpublishers.com/r/P29E26816853EN.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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/P29E26816853EN.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

Custumer 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