



Virtual Pipeline Solutions Industry Research Report 2026

Industry	Published	Pages	Format
Service & Software	2026-01-05	123	PDF

Single User	Multi User	Enterprise
USD 2,950	USD 4,430	USD 5,900

Description

The global Virtual Pipeline Solutions market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

North America: the Virtual Pipeline Solutions market is projected to increase from US\$ million in 2026 to US\$ million by 2032, reflecting a CAGR of % over 2026–2032. Europe: the Virtual Pipeline Solutions market is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

Asia Pacific: the Virtual Pipeline Solutions market is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032. Leading global service providers of Virtual Pipeline Solutions include Quantum Fuel Systems LLC, CNG Delivery, Bayotech, Inc., CNG Services Ltd, Petroliam Nasional Berhad (PETRONAS), RAG Austria AG, Galileo Technologies S.A., Chart Industries, Inc. and SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD, among others; in 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Virtual Pipeline Solutions market in terms of revenue (US\$ million) and, where applicable, service volume (Unit), using 2024 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of service Types and end-use Applications, harmonizes provider attribution, and delivers comparable time series by company, Type, Application, and region or country, including indicative price bands (US\$/Unit) and concentration ratios (CR5/CR10). Outputs are intended to support service design, budgeting, capacity planning, and benchmarking for providers, platforms, channel partners, and investors; the report also reviews technology shifts and notable service innovations relevant to Virtual Pipeline Solutions.

Key Companies & Market Share Insights

This section profiles leading service providers with 2021–2025 results and a 2026–2032 outlook—covering revenue, market share, price bands, service portfolio and client mix, regional and channel mix, and key developments (M&A, network expansion, certifications). It also provides global revenue, average price, and—where applicable—volume metrics by provider, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Virtual Pipeline Solutions Market by Company

Quantum Fuel Systems LLC

CNG Delivery

Bayotech, Inc.

CNG Services Ltd

Petroliam Nasional Berhad (PETRONAS)
RAG Austria AG
Galileo Technologies S.A.
Chart Industries, Inc.
SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD
Fiba Technologies Inc
Hexagon Agility
Composite Advanced Technologies, LLC
Enestas, S.A

Virtual Pipeline Solutions Segment by Type

Highway
Railway
Waterways
Ocean Shipping

Virtual Pipeline Solutions Segment by Application

Commercial & Residential
Industrial
Transportation
Others

Virtual Pipeline Solutions Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Spain
Russia
Netherlands
Nordic Countries
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa

Saudi Arabia

Israel

United Arab Emirates

Turkey

Iran

Egypt

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Virtual Pipeline Solutions market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Virtual Pipeline Solutions and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Virtual Pipeline Solutions.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4:

Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5:

Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6:

Detailed analysis of Virtual Pipeline Solutions companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, South America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Virtual Pipeline Solutions by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032)
 - 2.2.2 Highway
 - 2.2.3 Railway
 - 2.2.4 Waterways
 - 2.2.5 Ocean Shipping
- 2.3 Virtual Pipeline Solutions by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032)
 - 2.3.2 Commercial & Residential
 - 2.3.3 Industrial
 - 2.3.4 Transportation
 - 2.3.5 Others
- 2.4 Assumptions and Limitations

3 Virtual Pipeline Solutions Breakdown Data by Type

- 3.1 Global Virtual Pipeline Solutions Historic Market Size by Type (2021-2026)
- 3.2 Global Virtual Pipeline Solutions Forecasted Market Size by Type (2027-2032)

4 Virtual Pipeline Solutions Breakdown Data by Application

- 4.1 Global Virtual Pipeline Solutions Historic Market Size by Application (2021-2026)
- 4.2 Global Virtual Pipeline Solutions Forecasted Market Size by Application (2027-2032)

5 Global Growth Trends

- 5.1 Global Virtual Pipeline Solutions Market Perspective (2021-2032)
- 5.2 Global Virtual Pipeline Solutions Growth Trends by Region
 - 5.2.1 Global Virtual Pipeline Solutions Market Size by Region: 2021 VS 2025 VS 2032
 - 5.2.2 Virtual Pipeline Solutions Historic Market Size by Region (2021-2026)
 - 5.2.3 Virtual Pipeline Solutions Forecasted Market Size by Region (2027-2032)
- 5.3 Virtual Pipeline Solutions Market Dynamics
 - 5.3.1 Virtual Pipeline Solutions Industry Trends
 - 5.3.2 Virtual Pipeline Solutions Market Drivers
 - 5.3.3 Virtual Pipeline Solutions Market Challenges
 - 5.3.4 Virtual Pipeline Solutions Market Restraints

6 Market Competitive Landscape by Players

- 6.1 Global Top Virtual Pipeline Solutions Players by Revenue

6.1.1 Global Top Virtual Pipeline Solutions Players by Revenue (2021-2026)

6.1.2 Global Virtual Pipeline Solutions Revenue Market Share by Players (2021-2026)

6.2 Global Virtual Pipeline Solutions Industry Players Ranking, 2023 VS 2024 VS 2025

6.3 Global Key Players of Virtual Pipeline Solutions Head Office and Area Served

6.4 Global Virtual Pipeline Solutions Players, Product Type & Application

6.5 Global Virtual Pipeline Solutions Manufacturers Established Date

6.6 Global Virtual Pipeline Solutions Market CR5 and HHI

6.7 Global Players Mergers & Acquisition

7 North America

7.1 North America Virtual Pipeline Solutions Market Size (2021-2032)

7.2 North America Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032

7.3 North America Virtual Pipeline Solutions Market Size by Country (2021-2026)

7.4 North America Virtual Pipeline Solutions Market Size by Country (2027-2032)

7.5 United States

7.5 United States

7.6 Canada

7.7 Mexico

8 Europe

8.1 Europe Virtual Pipeline Solutions Market Size (2021-2032)

8.2 Europe Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032

8.3 Europe Virtual Pipeline Solutions Market Size by Country (2021-2026)

8.4 Europe Virtual Pipeline Solutions Market Size by Country (2027-2032)

8.5 Germany

8.6 France

8.7 U.K.

8.8 Italy

8.9 Spain

8.10 Russia

8.11 Netherlands

8.12 Nordic Countries

9 Asia-Pacific

9.1 Asia-Pacific Virtual Pipeline Solutions Market Size (2021-2032)

9.2 Asia-Pacific Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032

9.3 Asia-Pacific Virtual Pipeline Solutions Market Size by Country (2021-2026)

9.4 Asia-Pacific Virtual Pipeline Solutions Market Size by Country (2027-2032)

9.5 China

9.6 Japan

9.7 South Korea

9.8 India

9.9 Australia

9.10 China Taiwan

9.11 Southeast Asia

10 South America

10.1 South America Virtual Pipeline Solutions Market Size (2021-2032)

10.2 South America Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032

10.3 South America Virtual Pipeline Solutions Market Size by Country (2021-2026)

10.4 South America Virtual Pipeline Solutions Market Size by Country (2027-2032)

- 10.5 Brazil
 - 10.6 Argentina
 - 10.7 Chile
 - 10.8 Colombia
 - 10.9 Peru
-

11 Middle East & Africa

- 11.1 Middle East & Africa Virtual Pipeline Solutions Market Size (2021-2032)
 - 11.2 Middle East & Africa Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032
 - 11.3 Middle East & Africa Virtual Pipeline Solutions Market Size by Country (2021-2026)
 - 11.4 Middle East & Africa Virtual Pipeline Solutions Market Size by Country (2027-2032)
 - 11.5 Saudi Arabia
 - 11.6 Israel
 - 11.7 United Arab Emirates
 - 11.8 Turkey
 - 11.9 Iran
 - 11.10 Egypt
-

12 Players Profiled

- 12.1 Quantum Fuel Systems LLC
 - 12.1.1 Quantum Fuel Systems LLC Company Information
 - 12.1.2 Quantum Fuel Systems LLC Business Overview
 - 12.1.3 Quantum Fuel Systems LLC Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.1.4 Quantum Fuel Systems LLC Virtual Pipeline Solutions Product Portfolio
 - 12.1.5 Quantum Fuel Systems LLC Recent Developments
- 12.2 CNG Delivery
 - 12.2.1 CNG Delivery Company Information
 - 12.2.2 CNG Delivery Business Overview
 - 12.2.3 CNG Delivery Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.2.4 CNG Delivery Virtual Pipeline Solutions Product Portfolio
 - 12.2.5 CNG Delivery Recent Developments
- 12.3 Bayotech, Inc.
 - 12.3.1 Bayotech, Inc. Company Information
 - 12.3.2 Bayotech, Inc. Business Overview
 - 12.3.3 Bayotech, Inc. Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.3.4 Bayotech, Inc. Virtual Pipeline Solutions Product Portfolio
 - 12.3.5 Bayotech, Inc. Recent Developments
- 12.4 CNG Services Ltd
 - 12.4.1 CNG Services Ltd Company Information
 - 12.4.2 CNG Services Ltd Business Overview
 - 12.4.3 CNG Services Ltd Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.4.4 CNG Services Ltd Virtual Pipeline Solutions Product Portfolio
 - 12.4.5 CNG Services Ltd Recent Developments
- 12.5 Petroliam Nasional Berhad (PETRONAS)
 - 12.5.1 Petroliam Nasional Berhad (PETRONAS) Company Information
 - 12.5.2 Petroliam Nasional Berhad (PETRONAS) Business Overview
 - 12.5.3 Petroliam Nasional Berhad (PETRONAS) Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.5.4 Petroliam Nasional Berhad (PETRONAS) Virtual Pipeline Solutions Product Portfolio
 - 12.5.5 Petroliam Nasional Berhad (PETRONAS) Recent Developments
- 12.6 RAG Austria AG

- 12.6.1 RAG Austria AG Company Information
- 12.6.2 RAG Austria AG Business Overview
- 12.6.3 RAG Austria AG Revenue in Virtual Pipeline Solutions Business (2021-2026)
- 12.6.4 RAG Austria AG Virtual Pipeline Solutions Product Portfolio
- 12.6.5 RAG Austria AG Recent Developments
- 12.7 Galileo Technologies S.A.
 - 12.7.1 Galileo Technologies S.A. Company Information
 - 12.7.2 Galileo Technologies S.A. Business Overview
 - 12.7.3 Galileo Technologies S.A. Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.7.4 Galileo Technologies S.A. Virtual Pipeline Solutions Product Portfolio
 - 12.7.5 Galileo Technologies S.A. Recent Developments
- 12.8 Chart Industries, Inc.
 - 12.8.1 Chart Industries, Inc. Company Information
 - 12.8.2 Chart Industries, Inc. Business Overview
 - 12.8.3 Chart Industries, Inc. Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.8.4 Chart Industries, Inc. Virtual Pipeline Solutions Product Portfolio
 - 12.8.5 Chart Industries, Inc. Recent Developments
- 12.9 SHIJIAZHUANG ENRIC GAS EQUIPMENT CO., LTD
 - 12.9.1 SHIJIAZHUANG ENRIC GAS EQUIPMENT CO., LTD Company Information
 - 12.9.2 SHIJIAZHUANG ENRIC GAS EQUIPMENT CO., LTD Business Overview
 - 12.9.3 SHIJIAZHUANG ENRIC GAS EQUIPMENT CO., LTD Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.9.4 SHIJIAZHUANG ENRIC GAS EQUIPMENT CO., LTD Virtual Pipeline Solutions Product Portfolio
 - 12.9.5 SHIJIAZHUANG ENRIC GAS EQUIPMENT CO., LTD Recent Developments
- 12.10 Fiba Technologies Inc
 - 12.10.1 Fiba Technologies Inc Company Information
 - 12.10.2 Fiba Technologies Inc Business Overview
 - 12.10.3 Fiba Technologies Inc Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.10.4 Fiba Technologies Inc Virtual Pipeline Solutions Product Portfolio
 - 12.10.5 Fiba Technologies Inc Recent Developments
- 12.11 Hexagon Agility
 - 12.11.1 Hexagon Agility Company Information
 - 12.11.2 Hexagon Agility Business Overview
 - 12.11.3 Hexagon Agility Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.11.4 Hexagon Agility Virtual Pipeline Solutions Product Portfolio
 - 12.11.5 Hexagon Agility Recent Developments
- 12.12 Composite Advanced Technologies, LLC
 - 12.12.1 Composite Advanced Technologies, LLC Company Information
 - 12.12.2 Composite Advanced Technologies, LLC Business Overview
 - 12.12.3 Composite Advanced Technologies, LLC Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.12.4 Composite Advanced Technologies, LLC Virtual Pipeline Solutions Product Portfolio
 - 12.12.5 Composite Advanced Technologies, LLC Recent Developments
- 12.13 Enestas, S.A
 - 12.13.1 Enestas, S.A Company Information
 - 12.13.2 Enestas, S.A Business Overview
 - 12.13.3 Enestas, S.A Revenue in Virtual Pipeline Solutions Business (2021-2026)
 - 12.13.4 Enestas, S.A Virtual Pipeline Solutions Product Portfolio
 - 12.13.5 Enestas, S.A Recent Developments

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Virtual Pipeline Solutions Market Size by Type (2021-2026) & (US\$ Million)
- Table 6: Global Virtual Pipeline Solutions Revenue Market Share by Type (2021-2026)
- Table 7: Global Virtual Pipeline Solutions Forecasted Market Size by Type (2027-2032) & (US\$ Million)
- Table 8: Global Virtual Pipeline Solutions Revenue Market Share by Type (2027-2032)
- Table 9: Global Virtual Pipeline Solutions Market Size by Application (2021-2026) & (US\$ Million)
- Table 10: Global Virtual Pipeline Solutions Revenue Market Share by Application (2021-2026)
- Table 11: Global Virtual Pipeline Solutions Forecasted Market Size by Application (2027-2032) & (US\$ Million)
- Table 12: Global Virtual Pipeline Solutions Revenue Market Share by Application (2027-2032)
- Table 13: Global Virtual Pipeline Solutions Market Size by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 14: Global Virtual Pipeline Solutions Market Size by Region (2021-2026) & (US\$ Million)
- Table 15: Global Virtual Pipeline Solutions Market Share by Region (2021-2026)
- Table 16: Global Virtual Pipeline Solutions Forecasted Market Size by Region (2027-2032) & (US\$ Million)
- Table 17: Global Virtual Pipeline Solutions Market Share by Region (2027-2032)
- Table 18: Virtual Pipeline Solutions Industry Trends
- Table 19: Virtual Pipeline Solutions Industry Drivers
- Table 20: Virtual Pipeline Solutions Industry Opportunities and Challenges
- Table 21: Virtual Pipeline Solutions Market Restraints
- Table 22: Global Top Virtual Pipeline Solutions Players by Revenue (US\$ Million) & (2021-2026)
- Table 23: Global Virtual Pipeline Solutions Revenue Market Share by Players (2021-2026)
- Table 24: Global Virtual Pipeline Solutions Industry Players Ranking, 2024 VS 2025 VS 2026
- Table 25: Global Key Players of Virtual Pipeline Solutions, Headquarters and Area Served
- Table 26: Global Virtual Pipeline Solutions Players, Product Type & Application
- Table 27: Global Players Market Concentration Ratio (CR5 and HHI)
- Table 28: Global Virtual Pipeline Solutions by Players Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 29: Players Mergers & Acquisitions, Expansion Plans
- Table 30: North America Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 31: North America Virtual Pipeline Solutions Market Size by Country (2021-2026) & (US\$ Million)
- Table 32: North America Virtual Pipeline Solutions Market Size by Country (2027-2032) & (US\$ Million)
- Table 33: Europe Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 34: Europe Virtual Pipeline Solutions Market Size by Country (2021-2026) & (US\$ Million)
- Table 35: Europe Virtual Pipeline Solutions Market Size by Country (2027-2032) & (US\$ Million)
- Table 36: Asia Pacific Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 37: Asia Pacific Virtual Pipeline Solutions Market Size by Region (2021-2026) & (US\$ Million)
- Table 38: Asia Pacific Virtual Pipeline Solutions Market Size by Country (2027-2032) & (US\$ Million)
- Table 39: South America Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 40: South America Virtual Pipeline Solutions Market Size by Country (2021-2026) & (US\$ Million)
- Table 41: South America Virtual Pipeline Solutions Market Size by Country (2027-2032) & (US\$ Million)
- Table 42: Middle East & Africa Virtual Pipeline Solutions Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 43: Middle East & Africa Virtual Pipeline Solutions Market Size by Country (2021-2026) & (US\$ Million)
- Table 44: Middle East & Africa Virtual Pipeline Solutions Market Size by Country (2027-2032) & (US\$ Million)
- Table 45: Quantum Fuel Systems LLC Company Information
- Table 46: Quantum Fuel Systems LLC Business Overview
- Table 47: Quantum Fuel Systems LLC Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 48: Quantum Fuel Systems LLC Virtual Pipeline Solutions Product Portfolio
- Table 49: Quantum Fuel Systems LLC Recent Developments
- Table 50: CNG Delivery Company Information
- Table 51: CNG Delivery Business Overview
- Table 52: CNG Delivery Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 53: CNG Delivery Virtual Pipeline Solutions Product Portfolio
- Table 54: CNG Delivery Recent Developments

- Table 55: Bayotech, Inc. Company Information
- Table 56: Bayotech, Inc. Business Overview
- Table 57: Bayotech, Inc. Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 58: Bayotech, Inc. Virtual Pipeline Solutions Product Portfolio
- Table 59: Bayotech, Inc. Recent Developments
- Table 60: CNG Services Ltd Company Information
- Table 61: CNG Services Ltd Business Overview
- Table 62: CNG Services Ltd Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 63: CNG Services Ltd Virtual Pipeline Solutions Product Portfolio
- Table 64: CNG Services Ltd Recent Developments
- Table 65: Petroliam Nasional Berhad (PETRONAS) Company Information
- Table 66: Petroliam Nasional Berhad (PETRONAS) Business Overview
- Table 67: Petroliam Nasional Berhad (PETRONAS) Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 68: Petroliam Nasional Berhad (PETRONAS) Virtual Pipeline Solutions Product Portfolio
- Table 69: Petroliam Nasional Berhad (PETRONAS) Recent Developments
- Table 70: RAG Austria AG Company Information
- Table 71: RAG Austria AG Business Overview
- Table 72: RAG Austria AG Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 73: RAG Austria AG Virtual Pipeline Solutions Product Portfolio
- Table 74: RAG Austria AG Recent Developments
- Table 75: Galileo Technologies S.A. Company Information
- Table 76: Galileo Technologies S.A. Business Overview
- Table 77: Galileo Technologies S.A. Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 78: Galileo Technologies S.A. Virtual Pipeline Solutions Product Portfolio
- Table 79: Galileo Technologies S.A. Recent Developments
- Table 80: Chart Industries, Inc. Company Information
- Table 81: Chart Industries, Inc. Business Overview
- Table 82: Chart Industries, Inc. Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 83: Chart Industries, Inc. Virtual Pipeline Solutions Product Portfolio
- Table 84: Chart Industries, Inc. Recent Developments
- Table 85: SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD Company Information
- Table 86: SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD Business Overview
- Table 87: SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 88: SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD Virtual Pipeline Solutions Product Portfolio
- Table 89: SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD Recent Developments
- Table 90: Fiba Technologies Inc Company Information
- Table 91: Fiba Technologies Inc Business Overview
- Table 92: Fiba Technologies Inc Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 93: Fiba Technologies Inc Virtual Pipeline Solutions Product Portfolio
- Table 94: Fiba Technologies Inc Recent Developments
- Table 95: Hexagon Agility Company Information
- Table 96: Hexagon Agility Business Overview
- Table 97: Hexagon Agility Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 98: Hexagon Agility Virtual Pipeline Solutions Product Portfolio
- Table 99: Hexagon Agility Recent Developments
- Table 100: Composite Advanced Technologies, LLC Company Information
- Table 101: Composite Advanced Technologies, LLC Business Overview
- Table 102: Composite Advanced Technologies, LLC Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 103: Composite Advanced Technologies, LLC Virtual Pipeline Solutions Product Portfolio
- Table 104: Composite Advanced Technologies, LLC Recent Developments
- Table 105: Enestas, S.A Company Information
- Table 106: Enestas, S.A Business Overview
- Table 107: Enestas, S.A Revenue in Virtual Pipeline Solutions Business (2021-2026) & (US\$ Million)
- Table 108: Enestas, S.A Virtual Pipeline Solutions Product Portfolio
- Table 109: Enestas, S.A Recent Developments
- Table 110: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed

- Figure 4: Virtual Pipeline Solutions Product Image
- Figure 5: Global Virtual Pipeline Solutions Market Size Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Global Virtual Pipeline Solutions Market Share by Type: 2025 VS 2032
- Figure 7: Highway Product
- Figure 8: Railway Product
- Figure 9: Waterways Product
- Figure 10: Ocean Shipping Product
- Figure 11: Global Virtual Pipeline Solutions Market Size by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 12: Global Virtual Pipeline Solutions Market Share by Application: 2025 VS 2032
- Figure 13: Commercial & Residential Product
- Figure 14: Industrial Product
- Figure 15: Transportation Product
- Figure 16: Others Product
- Figure 17: Global Virtual Pipeline Solutions Market Size (US\$ Million), Year-over-Year: 2021-2032
- Figure 18: Global Virtual Pipeline Solutions Market Size, (US\$ Million), 2021 VS 2025 VS 2032
- Figure 19: Global Virtual Pipeline Solutions Market Share by Region: 2025 VS 2032
- Figure 20: Global Virtual Pipeline Solutions Market Share by Players in 2025
- Figure 21: Global Virtual Pipeline Solutions Manufacturers Established Date
- Figure 22: Global Top 5 and 10 Virtual Pipeline Solutions Players Market Share by Revenue in 2025
- Figure 23: Players Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 24: North America Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 25: North America Virtual Pipeline Solutions Market Share by Country (2021-2032)
- Figure 26: United States Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 27: Canada Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 28: Mexico Virtual Pipeline Solutions Market Share by Country (2021-2032)
- Figure 29: Europe Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 30: Europe Virtual Pipeline Solutions Market Share by Country (2021-2032)
- Figure 31: Germany Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 32: France Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 33: U.K. Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 34: Italy Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 35: Spain Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 36: Russia Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 37: Netherlands Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 38: Nordic Countries Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 39: Asia-Pacific Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 40: Asia-Pacific Virtual Pipeline Solutions Market Share by Country (2021-2032)
- Figure 41: China Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 42: Japan Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 43: South Korea Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 44: India Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 45: India Virtual Pipeline Solutions Market Share by Country (2021-2032)
- Figure 46: Australia Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 47: China Taiwan Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 48: Southeast Asia Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 49: South America Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 50: South America Virtual Pipeline Solutions Market Share by Country (2021-2032)
- Figure 51: Brazil Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 52: Argentina Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 53: Chile Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 54: Colombia Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 55: Peru Virtual Pipeline Solutions Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 56: Quantum Fuel Systems LLC Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 57: CNG Delivery Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 58: Bayotech, Inc. Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 59: CNG Services Ltd Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 60: Petroliam Nasional Berhad (PETRONAS) Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 61: RAG Austria AG Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 62: Galileo Technologies S.A. Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 63: Chart Industries, Inc. Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 64: SHIJIAZHANG ENRIC GAS EQUIPMENT CO., LTD Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 65: Fiba Technologies Inc Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 66: Hexagon Agility Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)

- Figure 67: Composite Advanced Technologies, LLC Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)
- Figure 68: Enestas, S.A Revenue Growth Rate in Virtual Pipeline Solutions Business (2021-2026)