Pipeline Safety Market by Technology and Solution (Pipeline Monitoring Systems, Secure Communication, Perimeter Intrusion Detection, SCADA for Pipelines, Intrusion Control Systems Security), Service, Vertical, and Region - Global Forecast to 2021

Description: The pipeline safety market size is estimated to grow from USD 5.57 billion in 2016 to USD 8.67 billion by 2021, at a Compound Annual Growth Rate (CAGR) of 9.3%. The growth is attributed to the increasing pipeline infrastructure all around the globe and increasing cyber-attacks on critical infrastructure. The growing number of pipeline projects in the Asia-Pacific (APAC) owing to the increasing energy needs are driving the growth of the market in the region; high technological spending in North America and Europe are also contributing to the growth of the pipeline safety market in these regions. However, lack of apprehension about security implementation by operators is restraining the pipeline safety growth.

The Supervisory Control and Data Acquisition (SCADA) for pipeline segment is expected to grow at the highest CAGR among all the technologies and solutions during the forecast period. SCADA provides a real-time solution specific to the requirements of oil and gas industry. The flexible solution is gaining traction, as it provides open interface for customization depending upon pipeline requirements.

North America is expected to account for the largest market share in 2016. The drivers responsible for the growth of the pipeline safety market in North America are stable economy, quick technological adoption, and advanced infrastructure demands. With the increasing pipeline infrastructure projects and presence of advanced technology in the U.S., the pipeline safety market is set to grow at a rapid pace in the region.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with key industry personnel. The break-up profile of primary discussion participants is given below.

- By Company Type: Tier-1 (35%), Tier-2 (40%), and Tier-3 (25%) companies
- By Designation: C-level (40%), Director Level (30%), and others (30%)
- By Region: North America (40%), APAC (25%), Europe (20%), and Rest of the World (15%)

The various key pipeline safety vendors profiled in the report are as follows:

1. ABB Group (Zurich, Switzerland)
2. GE Security (New York, U.S.)
3. Schneider Electric (Rueil-Malmaison, France)
4. Siemens AG (Munich, Germany)
5. Honeywell International (Wabash, Indiana, U.S.)
7. Future Fiber Technologies (Melbourne, Australia)
8. Huawei (Shenzhen, China)
9. Thales Group (La Defense, France)
10. Senstar (Ontario, Canada)
11. Key Innovators - Syrinix (U.K.)
12. Key Innovators - Radiobarrier (Russia)

Research Coverage:

The report carries discussion on various pipeline safety segments, such as by technology and solution (perimeter intrusion detection, secure communication, SCADA for pipelines, pipeline monitoring systems, industrial control system security), vertical (natural gas, crude oil, refined products, others), and service (professional services, pipeline integrity management services).

The report will help the market leaders/new entrants in the pipeline safety market in the following ways:

1. The pipeline safety report segments the market into various subsegments covering this market
comprehensively. The report provides the closest approximations of the market size for the overall market and the subsegments.

2. The pipeline safety report will help in understanding the competitors better and gain more insights to strengthen one's market position. There is a separate section on competitive landscape, which includes competitor ecosystem, mergers, acquisitions, partnerships, and collaborations. Besides, there are company profiles of the top ten players in the pipeline safety market, where market internals that can put one ahead of the competitors have been provided.

3. The pipeline safety report also helps in understanding the overall growth of the market. It provides information on key market drivers, restraints, challenges, and opportunities.

Contents:

1 Introduction
1.1 Objectives of the Report
1.2 Market Definition
1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered in the Report
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From 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 Primary Interviews
2.2 Market Size Estimation
2.3 Market Breakdown and Data Triangulation
2.4 Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Market Opportunities in the Pipeline Safety Market
4.2 Market Share Across Various Regions
4.3 Pipeline Safety: Vertical Domain and Region Market
4.4 Lifecycle Analysis, By Region (2016)
4.5 Market Investment Scenario

5 Pipeline Safety Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 By Technologies and Solutions
5.2.2 By Service
5.2.3 By Verticals
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Sustainable Use of Resources
5.3.1.2 Increased Spending By Oil & Gas Companies for Infrastructure and Network Protection
5.3.1.3 Expansion and Up-Gradation of Refineries, Drilling Sites and Exploration
5.3.2 Restraints
5.3.2.1 Lack of Apprehension About Security Implementation By Operators
5.3.2.2 Growing Population and Political Instability in Middle East
5.3.3 Opportunities
5.3.3.1 Augmented Demand in Pipeline Monitoring and Leak Detection Solutions Due to Increased Pipeline Infrastructure
5.3.3.2 Increasing Security Regulations and Mandatory Standards
5.3.3.3 Rising Oil & Gas Demand in Developing Countries
5.3.4 Challenges
5.3.4.1 Lack of Funds is Hampering the Development of Aging Infrastructure
5.3.4.2 Multisite Facilities Pose A Challenge for Implementing A Comprehensive Security Solution

6 Industry Trends
6.1 Evolution
6.2 Innovation Spotlight
6.3 Ecosystem
6.4 Strategic Benchmarking

7 Pipeline Safety Market Analysis, By Component
7.1 Introduction

8 Pipeline Safety Market Analysis, By Technologies and Solutions
8.1 Introduction
8.2 Perimeter Intrusion Detection
8.3 Secure Communication
8.3.1 Satellite Monitoring and Gis Mapping
8.3.2 Video Surveillance
8.4 Scada for Pipeline
8.5 Pipeline Monitoring System
8.5.1 Leakage Detection
8.5.2 External Threat Detection
8.5.3 Pig Tracking
8.5.4 Integrated Fiber Optic Monitoring
8.6 Industrial Control Systems Security (ICS)

9 Pipeline Safety Market Analysis, By Services
9.1 Introduction
9.2 Pipeline Integrity Management Servives
9.3 Professional Services
9.3.1 Risk Management
9.3.2 Consulting Services
9.3.3 Repair and Maintenance

10 Pipeline Safety Market Analysis, By Verticals
10.1 Introduction
10.2 Natural Gas
10.3 Crude Oil
10.4 Refined Products
10.5 Others

11 Geographic Analysis
11.1 Introduction
11.2 North America
11.3 Europe
11.4 Asia-Pacific
11.5 Middle East and Africa
11.6 Latin America

12 Competitive Landscape
12.1 Overview
12.2 Competitive Situations and Trends
12.2.1 Partnerships, Agreements, and Collaborations
12.2.2 New Product Launches
12.2.3 Business Expansion
12.2.4 Mergers and Acquisitions

13 Company Profiles
13.1 Introduction
13.2 ABB Group
13.2.1 Business Overview
13.2.2 Solutionand Services Offered
13.2.3 Recent Developments
13.2.4 MnM View
13.2.4.1 Key Strategies
13.2.4.2 SWOT Analysis
13.3 General Electric
13.3.1 Business Overview
13.3.2 Solutions Offered
13.3.3 Recent Developments
13.3.4 MnM View
13.3.4.1 Key Strategies
13.3.4.2 SWOT Analysis
13.4 Honeywell International Inc.
13.4.1 Solution and Services Offered
13.4.2 Recent Developments
13.4.3 MnM View
13.4.3.1 Key Strategies
13.4.3.2 SWOT Analysis
13.5 Schneider Electric SE
13.5.1 Business Overview
13.5.2 Solution and Services Offered
13.5.3 Recent Developments
13.5.4 MnM View
13.5.4.1 Key Strategies
13.5.4.2 SWOT Analysis
13.6 Siemens AG
13.6.1 Business Overview
13.6.2 Solution Offered
13.6.3 Recent Developments
13.6.4 MnM View
13.6.4.1 Key Strategies
13.6.4.2 SWOT Analysis
13.7 BAE Systems
13.7.1 Business Overview
13.7.2 Solutions Offered
13.7.3 Recent Developments
13.8 Future Fibre Technologies
13.8.1 Business Overview
13.8.2 Products and Services Offered
13.8.3 Recent Developments
13.9 Huawei Technologies Co. Ltd.
13.9.1 Business Overview
13.9.2 Solution Offered
13.9.3 Recent Developments
13.10 Thales Group
13.10.1 Business Overview
13.10.2 Solution Offered
13.10.3 Recent Developments
13.11 Senstar, Inc.
13.11.1 Business Overview
13.11.2 Products and Services Offered
13.11.3 Recent Developments

14 Appendix
14.1 Industry Excerpts

List of Tables

Table 1 Pipeline Safety Market Size and Growth Rate, 2014-2021 (USD Billion, Y-O-Y %)
Table 2 Market Innovation Spotlight
Table 3 Market Size, By Component, 2014-2021 (USD Million)
Table 4 Market Size, By Technologies and Solutions, 2014-2021 (USD Million)
Table 5 Technologies and Solutions: Market Size, By Region, 2014-2021 (USD Million)
Table 6 Perimeter Intrusion Detection : Market Size, By Region, 2014-2021 (USD Million)
Table 7 Pipeline Safety Market Size, By Secure Communication, 2014-2021 (USD Million)
Table 8 Secure Communication: Market Size, By Region, 2014-2021 (USD Million)
Table 9 Satellite Monitoring and GIS Mapping: Market Size, By Region, 2014-2021 (USD Million)
Table 10 Video Surveillance: Market Size, By Region, 2014-2021 (USD Million)
Table 11 Scada for Pipeline: Market Size, By Region, 2014-2021 (USD Million)
Table 12 Pipeline Safety Market Size, By Pipeline Monitoring System, 2014-2021 (USD Million)
Table 13 Pipeline Monitoring System: Market Size, By Region, 2014-2021 (USD Million)
Table 14 Leakage Detection: Market Size, By Region, 2014-2021 (USD Million)
Table 15 External Threat Detection: Market Size, By Region, 2014-2021 (USD Million)
Table 16 Pig Tracking: Pipeline Safety Market Size, By Region, 2014-2021 (USD Million)
Table 17 Integrated Fiber Optic Monitoring: Market Size, By Region, 2014-2021 (USD Million)
Table 18 Industrial Control System Security: Market Size, By Region, 2014-2021 (USD Million)
Table 19 Pipeline Safety Market Size, By Service, 2014-2021 (USD Million)
Table 20 Services: Market Size, By Region, 2014-2021 (USD Million)
Table 21 Pipeline Integrity Management Services: Market Size, By Region, 2015-2021 (USD Million)
Table 22 Professional Services: Market Size, By Type, 2014-2021 (USD Million)
Table 23 Professional Services: Market Size, By Region, 2014-2021 (USD Million)
Table 24 Risk Management: Market Size, By Region, 2014-2021 (USD Million)
Table 25 Consulting Services: Market Size, By Region, 2014-2021 (USD Million)
Table 26 Repair and Maintenance: Market Size, By Region, 2014-2021 (USD Million)
Table 27 Pipeline Safety Market Size, By Verticals, 2014-2021 (USD Million)
Table 28 Natural Gas : Market Size, By Region, 2014-2021 (USD Million)
Table 29 Crude Oil: Market Size, By Region, 2014-2021 (USD Million)
Table 30 Refined Products : Market Size, By Region, 2014-2021 (USD Million)
Table 31 Others: Market Size, By Region, 2014-2021 (USD Million)
Table 32 Pipeline Safety Market Size, By Region, 2014-2021 (USD Million)
Table 33 North America: Market Size, By Component, 2014-2021 (USD Million)
Table 34 North America: Market Size, By Technologies and Solution, 2014-2021 (USD Million)
Table 35 North America: Market Size, By Secure Communication , 2015-2021 (USD Million)
Table 36 North America: Market Size, By Pipeline Monitoring Systems, 2014-2021 (USD Million)
Table 37 North America: Market Size, By Service, 2014-2021 (USD Million)
Table 38 North America: Market Size, By Professional Service, 2014-2021 (USD Million)
Table 39 North America: Market Size, By Verticals, 2014-2021 (USD Million)
Table 40 Europe: Pipeline Safety Market Size, By Component, 2014-2021 (USD Million)
Table 41 Europe: Market Size, By Technologies and Solution, 2014-2021 (USD Million)
Table 42 Europe: Market Size, By Secure Communication , 2014-2021 (USD Million)
Table 43 Europe: Market Size, By Pipeline Monitoring Systems, 2014-2021 (USD Million)
Table 44 Europe: Market Size, By Service, 2014-2021 (USD Million)
Table 45 Europe: Market Size, By Professional Service, 2014-2021 (USD Million)
Table 46 Europe: Market Size, By Verticals, 2014-2021 (USD Million)
Table 47 Asia Pacific: Pipeline Safety Market Size, By Component, 2014-2021 (USD Million)
Table 48 Asia Pacific: Market Size, By Technologies and Solution, 2014-2021 (USD Million)
Table 49 Asia Pacific: Market Size, By Secure Communication , 2014-2021 (USD Million)
Table 50 Asia Pacific: Market Size, By Pipeline Monitoring Systems, 2014-2021 (USD Million)
Table 51 Asia Pacific: Market Size, By Service, 2014-2021 (USD Million)
Table 52 Asia Pacific: Market Size, By Professional Service, 2014-2021 (USD Million)
Table 53 Asia Pacific: Market Size, By Verticals, 2014-2021 (USD Million)
Table 54 Middle East and Africa: Market Size, By Component, 2014-2021 (USD Million)
Table 55 Middle East and Africa: Market Size, By Technologies and Solution, 2014-2021 (USD Million)
Table 56 Middle East and Africa: Market Size, By Secure Communication , 2014-2021 (USD Million)
Table 57 Middle East and Africa: Market Size, By Pipeline Monitoring Systems, 2014-2021 (USD Million)
Table 58 Middle East and Africa: Market Size, By Service, 2014-2021 (USD Million)
Table 59 Middle East and Africa: Market Size, By Professional Service, 2014-2021 (USD Million)
Table 60 Middle East and Africa: Market Size, By Verticals, 2014-2021 (USD Million)
Table 61 Latin America: Pipeline Safety Market Size, By Component, 2014-2021 (USD Million)
Table 62 Latin America: Market Size, By Technologies and Solution, 2014-2021 (USD Million)
Table 63 Latin America: Market Size, By Secure Communication , 2014-2021 (USD Million)
Table 64 Latin America: Market Size, By Pipeline Monitoring Systems, 2014-2021 (USD Million)
Table 65 Latin America: Market Size, By Service, 2014-2021 (USD Million)
Table 66 Latin America: Market Size, By Professional Service, 2014-2021 (USD Million)
Table 67 Latin America: Market Size, By Verticals, 2014-2021 (USD Million)
Table 68 Partnerships, Agreements, and Collaborations, 2015-2016
Table 69 New Product Launches, 2012-2016
Table 70: Business Expansion, 2014-2016
Table 71: Mergers and Acquisitions, 2012-2016

List of Figures

Figure 1: Pipeline Safety Market: Research Design
Figure 2: Breakdown of Primary Interviews: By Company Type, Designation, and Region
Figure 3: Market Size Estimation Methodology: Bottom-Up Approach
Figure 4: Market Size Estimation Methodology: Top-Down Approach
Figure 5: Data Triangulation
Figure 6: Pipeline Safety Market is Poised to Witness Growth in the Global Market From 2016 to 2021
Figure 7: Market Snapshot on the Basis of Top 3 Technologies in 2016
Figure 8: Market Snapshot on the Basis of Verticals (2016)
Figure 9: Professional Services to Grow at the Highest CAGR From 2016 to 2021
Figure 10: Market Snapshot on the Basis of Verticals (2016 vs 2021)
Figure 11: Lucrative Market Opportunities in the Pipeline Safety Market Due to Rise in Spending By Oil & Gas Companies for Infrastructure and Network Protection
Figure 12: North America is Expected to Command the Major Market Share of the Pipeline Safety Market in 2016
Figure 13: North America is Expected to Gain the Largest Market Share in the Year 2016
Figure 14: Asia-Pacific to Soon Enter the Exponential Maturity Phase During 2016-2021
Figure 15: Market Investment Scenario
Figure 16: Pipeline Safety Segmentation: By Technologies and Solutions
Figure 17: Pipeline Safety Segmentation: By Service
Figure 18: Market Segmentation: By Vertical
Figure 19: Market: Drivers, Restraints, Opportunities, and Challenges
Figure 20: Market: Evolution
Figure 21: Pipeline Safety Market: Ecosystem
Figure 22: Pipeline Safety Services are Expected to Grow at A Higher CAGR During the Forecast Period
Figure 23: Asia-Pacific Region is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 24: Satellite Monitoring and GIS Mapping is Expected to Have the Largest Market Size in Pipeline Safety Market During the Forecast Period
Figure 25: Leakage Detection Segment is Expected to Have the Largest Market Size in Pipeline Safety Market During the Forecast Period
Figure 26: Professional Services is Expected to Have the Highest CAGR During the Forecast Period
Figure 27: Risk Management Service Segment is Expected to Have the Largest Market Size in Professional Services Market During the Forecast Period
Figure 28: Natural Gas Vertical is Expected to Be the Highest Revenue Generator During the Forecast Period
Figure 29: Asia-Pacific: an Attractive Destination for the Pipeline Safety Management Market, 2016-2021
Figure 30: North America Market Snapshot
Figure 31: Asia-Pacific Market Snapshot
Figure 32: Companies Adopted the Strategy of Partnerships, Agreements, and Collaborations as the Key Growth Strategy From 2013 to 2016
Figure 33: Market Evaluation Framework
Figure 34: Battle for Market Share: the Strategy of Partnerships, Agreements, and Collaborations Was the Key Strategy Adopted By Key Players in the Personal Identity Management Market During 2013-2016
Figure 35: Partnerships, Agreements, and Collaborations, 2015-2016
Figure 36: New Product Launches, 2012-2016
Figure 37: Business Expansion, 2014-2016
Figure 38: Mergers and Acquisitions, 2012-2016
Figure 39: Geographic Revenue Mix of Top Five Market Players
Figure 40: ABB Group: Company Snapshot
Figure 41: ABB Group: SWOT Analysis
Figure 42: General Electric: Company Snapshot
Figure 43: General Electric: SWOT Analysis
Figure 44: Honeywell International Inc.: Company Snapshot
Figure 45: Honeywell International Inc.: SWOT Analysis
Figure 46: Schneider Electric SE: Company Snapshot
Figure 47: Schneider Electric SE: SWOT Analysis
Figure 48: Siemens AG: Company Snapshot
Figure 49: Siemens AG: SWOT Analysis
Figure 50: BAE Systems: Company Snapshot
Figure 51: Future Fibre Technologies: Company Snapshot
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