

Real-time Flood Monitoring & Warning Market Size, Share, and Outlook, 2025 Report- By Component (Hardware, Software, Services), By End-User (Government, Media, Agriculture and Inland Fisheries, Transport and logistics, Energy, Construction, Tourism and Outdoor Entertainment), By Access (Web Browser, Mobile Devices), 2018-2032

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Abstracts

Real-time Flood Monitoring & Warning Market Outlook

The Real-time Flood Monitoring & Warning Market size is expected to register a growth rate of 5.2% during the forecast period from \$289.46 Million in 2025 to \$412.8 Million in 2032. The Real-time Flood Monitoring & Warning market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Real-time Flood Monitoring & Warning segments across 22 countries from 2021 to 2032. Key segments in the report include By Component (Hardware, Software, Services), By End-User (Government, Media, Agriculture and Inland Fisheries, Transport and logistics, Energy, Construction, Tourism and Outdoor Entertainment), By Access (Web Browser, Mobile Devices). Over 70 tables and charts showcase findings from our latest survey report on Real-time Flood Monitoring & Warning markets.

Real-time Flood Monitoring & Warning Market Insights, 2025

The real-time flood monitoring and warning market is growing as governments,

municipalities, and disaster management agencies deploy advanced sensor networks and AI-driven forecasting systems to mitigate flood risks. Solutions integrating IoT sensors, satellite imaging, and AI-powered predictive analytics are enhancing early warning capabilities, enabling timely evacuations and infrastructure protection. Companies such as Siemens, Honeywell, and IBM are pioneering smart flood detection systems that use real-time data from river basins, rainfall patterns, and groundwater levels to provide accurate flood predictions. The increasing impact of climate change, coupled with urbanization and aging drainage infrastructure, is driving investments in smart flood monitoring technologies. Additionally, cloud-based platforms and mobile alert systems are making flood warnings more accessible, ensuring rapid response and improved disaster preparedness.

Five Trends that will define global Real-time Flood Monitoring & Warning market in 2025 and Beyond

A closer look at the multi-million market for Real-time Flood Monitoring & Warning identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Real-time Flood Monitoring & Warning companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Real-time Flood Monitoring & Warning vendors.

What are the biggest opportunities for growth in the Real-time Flood Monitoring & Warning industry?

The Real-time Flood Monitoring & Warning sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Real-time Flood Monitoring & Warning Market Segment Insights

The Real-time Flood Monitoring & Warning industry presents strong offers across

categories. The analytical report offers forecasts of Real-time Flood Monitoring & Warning industry performance across segments and countries. Key segments in the industry include%li%By Component (Hardware, Software, Services), By End-User (Government, Media, Agriculture and Inland Fisheries, Transport and logistics, Energy, Construction, Tourism and Outdoor Entertainment), By Access (Web Browser, Mobile Devices). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Real-time Flood Monitoring & Warning market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Real-time Flood Monitoring & Warning industry ecosystem. It assists decision-makers in evaluating global Real-time Flood Monitoring & Warning market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Real-time Flood Monitoring & Warning industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Real-time Flood Monitoring & Warning Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Real-time Flood Monitoring & Warning Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Real-time Flood Monitoring & Warning with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Real-time Flood Monitoring & Warning market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Real-time Flood Monitoring & Warning market Insights%li%Vendors are exploring new opportunities within the US Real-time Flood Monitoring & Warning industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Real-time Flood Monitoring & Warning companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Real-time Flood Monitoring & Warning market.

Latin American Real-time Flood Monitoring & Warning market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Real-time Flood Monitoring & Warning Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Real-time Flood Monitoring & Warning markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Real-time Flood Monitoring & Warning markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Real-time Flood Monitoring & Warning companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include ALS Ltd, ARTERIA TECHNOLOGIES, Campbell Scientific Inc, ENVIRA IOT, Fondriest Environmental Inc, Hanwell Inc, High Sierra Electronics Inc.

Real-time Flood Monitoring & Warning Market Segmentation

By Component

Hardware

Software

Services

By End-User

Government

Media

Agriculture and Inland Fisheries

Transport and logistics

Energy

Construction

Tourism and Outdoor Entertainment

By Access

Web Browser

Mobile Devices

Leading Companies

ALS Ltd

ARTERIA TECHNOLOGIES

Campbell Scientific Inc

ENVIRA IOT

Fondriest Environmental Inc

Hanwell Inc

High Sierra Electronics Inc

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

Contents

1. TABLE OF CONTENTS

List of Figures and Tables

2. EXECUTIVE SUMMARY

2.1 Key Highlights

2.1.1 Real-time Flood Monitoring & Warning Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Real-time Flood Monitoring & Warning Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

3. RESEARCH METHODOLOGY

3.1 Primary Research Surveys

3.2 Secondary Data Sources

3.3 Data Triangulation

3.4 Forecast Methodology

3.5 Assumptions and Limitations

4. INTRODUCTION TO GLOBAL REAL-TIME FLOOD MONITORING & WARNING MARKET IN 2025

4.1 Industry Panorama

4.2 Leading Companies Profiled in the Study

4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

- 4.5 Regional Analysis
- 4.6 Porter's Five Force Analysis
 - 4.6.1 Intensity of Competitive Rivalry
 - 4.6.2 Threat of New Entrants
 - 4.6.3 Threat of Substitutes
 - 4.6.4 Bargaining Power of Buyers
 - 4.6.5 Bargaining Power of Suppliers
- 4.7 Real-time Flood Monitoring & Warning Industry Value Chain Analysis
 - 4.7.1 Stage of Value Chain
 - 4.7.2 Key Activities of Companies
 - 4.7.3 Companies Included in Each Stage
 - 4.7.4 Key Insights

5. REAL-TIME FLOOD MONITORING & WARNING MARKET OUTLOOK TO 2032

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

By Component

Hardware

Software

Services

By End-User

Government

Media

Agriculture and Inland Fisheries

Transport and logistics

Energy

Construction

Tourism and Outdoor Entertainment

By Access

Web Browser

Mobile Devices

6. GLOBAL REAL-TIME FLOOD MONITORING & WARNING MARKET OUTLOOK ACROSS GROWTH SCENARIOS

6.1 Low Growth Scenario

6.2 Base/Reference Case

6.3 High Growth Scenario

6. NORTH AMERICA REAL-TIME FLOOD MONITORING & WARNING MARKET SIZE OUTLOOK

6.1 Key Market Statistics, 2024

6.2 North America Real-time Flood Monitoring & Warning Market Trends and Growth Opportunities

6.2.1 North America Real-time Flood Monitoring & Warning Market Outlook by Type

6.2.2 North America Real-time Flood Monitoring & Warning Market Outlook by Application

6.3 North America Real-time Flood Monitoring & Warning Market Outlook by Country

6.3.1 The US Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

6.3.2 Canada Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

6.3.3 Mexico Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7. EUROPE REAL-TIME FLOOD MONITORING & WARNING MARKET SIZE OUTLOOK

7.1 Key Market Statistics, 2024

7.2 Europe Real-time Flood Monitoring & Warning Market Trends and Growth Opportunities

7.2.1 Europe Real-time Flood Monitoring & Warning Market Outlook by Type

7.2.2 Europe Real-time Flood Monitoring & Warning Market Outlook by Application

7.3 Europe Real-time Flood Monitoring & Warning Market Outlook by Country

7.3.1 Germany Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7.3.2 France Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7.3.3 The UK Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7.3.4 Spain Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7.3.5 Italy Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7.3.6 Russia Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

7.3.7 Rest of Europe Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8. ASIA PACIFIC REAL-TIME FLOOD MONITORING & WARNING MARKET SIZE

OUTLOOK

8.1 Key Market Statistics, 2024

8.2 Asia Pacific Real-time Flood Monitoring & Warning Market Trends and Growth Opportunities

8.2.1 Asia Pacific Real-time Flood Monitoring & Warning Market Outlook by Type

8.2.2 Asia Pacific Real-time Flood Monitoring & Warning Market Outlook by Application

8.3 Asia Pacific Real-time Flood Monitoring & Warning Market Outlook by Country

8.3.1 China Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8.3.2 India Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8.3.3 Japan Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8.3.4 South Korea Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8.3.5 Australia Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8.3.6 South East Asia Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

8.3.7 Rest of Asia Pacific Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

9. SOUTH AMERICA REAL-TIME FLOOD MONITORING & WARNING MARKET SIZE OUTLOOK

9.1 Key Market Statistics, 2024

9.2 South America Real-time Flood Monitoring & Warning Market Trends and Growth Opportunities

9.2.1 South America Real-time Flood Monitoring & Warning Market Outlook by Type

9.2.2 South America Real-time Flood Monitoring & Warning Market Outlook by Application

9.3 South America Real-time Flood Monitoring & Warning Market Outlook by Country

9.3.1 Brazil Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

9.3.2 Argentina Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

9.3.3 Rest of South and Central America Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

10. MIDDLE EAST AND AFRICA REAL-TIME FLOOD MONITORING & WARNING MARKET SIZE OUTLOOK

10.1 Key Market Statistics, 2024

10.2 Middle East and Africa Real-time Flood Monitoring & Warning Market Trends and Growth Opportunities

10.2.1 Middle East and Africa Real-time Flood Monitoring & Warning Market Outlook by Type

10.2.2 Middle East and Africa Real-time Flood Monitoring & Warning Market Outlook by Application

10.3 Middle East and Africa Real-time Flood Monitoring & Warning Market Outlook by Country

10.3.1 Saudi Arabia Real-time Flood Monitoring & Warning Market Outlook, 2021-2032

10.3.2 The UAE Real-time Flood Monitoring & Warning Market Outlook, 2021-2032

10.3.3 Rest of Middle East Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

10.3.4 South Africa Real-time Flood Monitoring & Warning Market Outlook, 2021-2032

10.3.5 Egypt Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

10.3.6 Rest of Africa Real-time Flood Monitoring & Warning Market Outlook, 2021- 2032

11. COMPANY PROFILES

11.1 Leading 10 Companies

ALS Ltd

ARTERIA TECHNOLOGIES

Campbell Scientific Inc

ENVIRA IOT

Fondriest Environmental Inc

Hanwell Inc

High Sierra Electronics Inc

11.2 Overview

11.3 Products and Services

11.4 SWOT Profile

12. APPENDIX

12.1 Subscription Options

12.2 Customization Options

12.3 Publisher Details

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