

Situation Awareness System: Market Research Report

https://marketpublishers.com/r/S44DBDF00E5EN.html

Date: January 2015

Pages: 261

Price: US\$ 4,500.00 (Single User License)

ID: S44DBDF00E5EN

Abstracts

This report analyzes the worldwide markets for Situation Awareness System in US\$ Million. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2013 through 2020. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 77 companies including many key and niche players such as -

Advanced Micro Devices, Inc.

BAE Systems

Barco N.V

CNL Software

D3 Security Management Systems



Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

A Prelude

Situation Awareness Systems Enable Efficient Management of Security & Threats Growing Adoption of SAS in Critical Infrastructures

Organizations Focus on Situational Awareness to Achieve Critical Infrastructure Compliance

Smart Cities to Fuel Large-Scale Adoption of Situation Awareness Solutions Situational Awareness – The Next Leap in HMI Design

Industrial System HMIs: Growing Importance in Effective Situational Awareness Rising Demand for Mobility and Efficiency: Strong Growth Driver for Mobile HMI Solutions

Strong Smartphone Sales: A Key Opportunity Indicator

Table 1. Global Market for Smartphones: Annual Shipments in Billion Units for Years 2013, 2015 & 2018 (includes corresponding Graph/Chart)

Rising Prospects for HMI in Healthcare Sector

Integration of Human Intelligence with Situational Awareness Enables Better Analysis Situational Awareness Helps in Identifying Pre-Attack Indicators

Technology Innovations Spearhead Market Growth

Synchrophasors – An Advanced Analytical Tool for SA

Innovative Alarm Trackers Gain Prominence

Wireless Situational Awareness Systems – A Promising Technology

Growing Adoption of PSIM Solutions for Situation Awareness

Local Situational Awareness (LSA) – The Next Level of Situation Awareness



Real-Time Situational Awareness Software Gains Prominence

Rising Demand for Access Control Systems Integrated with Videos

Intelligent Video Systems to Provide Improved Situational Awareness

Head-Up Display Units Help Keep Drivers Eyes on Road

Head Mounted Displays Rise in Demand

Social Media and Situational Awareness

Sensor Web Technology: An Advanced SA System for Emergency & Rescue

Operations

Robust R&D Initiatives Drive Growth in Multi-Function Display Market

Smart Cameras Transforming Situational Awareness

Concerns over Space Debris Turns Focus onto Situational Awareness

2. SITUATION AWARENESS SYSTEMS: END-USE INDUSTRY PERSPECTIVE

Military & Defense: A Major End-Use Sector

Situational Awareness in Aviation Systems

Helmet-Mounted Displays Boost Pilot Situation Awareness

Future Directions - Design & Training

Challenges to SA in the Aviation Sector

Situational Awareness Helps Address Cybersecurity Issues

Situational Awareness in Industrial Facilities

Application of Situational Awareness System in Power Grid Operations

Grid Operators Embrace Synchrophasors to Achieve Real-Time Situational Awareness

Wide Area Situational Awareness Systems Gain Wider Adoption among Utility

Companies

Significance of Situational Awareness in Smart Grids

Intelligent Automotive Technologies to Spur Demand for SA in the Automotive Sector

Trend towards Fully Autonomous & Semi Autonomous Automobiles to Fuel Growth

Growing Use of Camera & Radar for Situation Awareness

Rising Adoption of In-Vehicle Safety Systems Augurs Well for the Market

Recovering Automobile Production: A Major Opportunity Indicator for SA Systems

Table 2. Global Production of Passenger Cars by Geographic Region/Country (2014 & 2018): Annual Production ('000' Units) for Asia-Pacific, Canada, Europe, Japan, Latin America, USA, and Rest of World (includes corresponding Graph/Chart)

Table 3. Global Production of Commercial Vehicles by Geographic Region/Country (2014 & 2018): Annual Production ('000' Units) for Asia-Pacific, Canada, Europe,



Japan, Latin America, USA, and Rest of World (includes corresponding Graph/Chart)

Situational Awareness Features to Drive Demand for Robotics
Increasing Demand for Automation Systems in the Oil & Gas Industry
Power Distribution Sector – A Potential Market for SA
Situational Awareness in Information Technology
Challenges for Situational Awareness in the Maritime Industry

3. SITUATION AWARENESS SYSTEM - AN OVERVIEW

Situational Awareness System – An Introduction

Significance of Situational Awareness

A Glance at Select Systems Used in Situational Awareness

Flood and Fire Alarm Systems

Chemical Biological Radiological Nuclear (CBRN) Systems

Human Machine Interface (HMI) Systems

Video Systems

Access Control Systems

Physical Security Information Management (PSIM)

Major Factors Enabling Effective Situational Awareness

Large Data Volumes

Emergency Situations

LiDAR Data to Enable Topographic Intelligence

Leveraging 3D Technology

Interoperability Linkages

Learning from Risks

4. PRODUCT INTRODUCTIONS/INNOVATIONS

CommandWear Introduces Innovative Smartwatch and Multimedia Situation Awareness Solution

Elbit Systems Launches Airborne Situational Awareness, SIGINT, and EW

Avigilon Launches HD Multisensor Cameras

REACH Air Medical Services to Launch IRIS

SAVIC Deploys Elbit System's Enhanced Vision System-Superior Performance

Raytheon Lunches Long Range Acquisition Scout Surveillance System

Proximex Launches Surveillint Essentials Solution

Northrop Grumman Launches Scalable Agile Beam Radar

MVP Tech Develops PSIM Software



CommandWear Unveils Innovative Situational Awareness System

UTC Aerospace Systems Launches SWIR Viewer System with Situation Awareness

The U.S. Air Force Introduces B-52 with CONECT System

Air Force Introduces New Range of Classified Electro-Optical Satellites

Elbit Launches Several ClearVision Situational Awareness Enhancement Systems

BAE Systems Unveils Q-Warrior

Overwatch Launches iCommand Software

Mariner Group Completes Commandbridge Installation

Mariner Group Launches Nautilus

Rockwell Unveils Augmented Reality Orientation System

Proximex Unveils Version 7.0 of Surveillint PSIM

Rockwell Collins Integrates Gen III HMDS into F-35 Lightning II aircraft

Chess Dynamics Introduces the Naval ISAS

McAfee Introduces Innovative Situational Awareness System with SIEM Solution

BAE Systems Introduces Miniature Multispectral Sensors

L-3 Mobile-Vision Introduces PatrolScout Situational Awareness System

3SI INTRODUCES IPSECURITYCENTER PSIM

Rockwell Collins Rolls Out HeliSure

Rockwell Announces Plans To Launch Helicopter Situational Awareness Product Line

5. RECENT INDUSTRY ACTIVITY

Elbit Receives a Contract from SAIC to Install CHDTS on MH-60 Sierra

Harris Reserves Space Situational Awareness Contract

Siemens to Assist LAX with Enhanced Situational Awareness and Operational

Management

Airbox Receives Contract to Provide PANDA Situational Awareness System for Bristow

Helicopter

BAE Collaborates with University of Birmingham

Terma Inks Deal with BAE Systems

CNL Partners With ASV

Rockwell Collins Joins Forces with Embry Riddle Aeronautical University

Personics Holdings Files Patent Application for Automotive Constant Signal-to-Noise

Ratio System for Enhanced Situation Awareness

Philippine Navy Establishes Maritime Situational Awareness Centers in Northern

Philippines

Boeing Obtains Patent Approval for Vertical Situation Awareness System

WheelTug Inks Partnership with airberlin technik for PGSA

USAF Deploys AtHoc Interactive Warning System for Situational Awareness



ARES Acquires Majority Stake of Mariner Group
ARES Security Takes Over Majority Stake in The Mariner Group
US DoD Inks MoU to Share SSA with Australia
Barco Partners with Thales to Provide LSA Solutions for Armored Vehicles
OSI to Supply Advanced Situational Awareness System for a Major Transmission
Company in the US

General Dynamics Partners with Sentient Vision

Proximex Partners with Barco

6. FOCUS ON SELECT GLOBAL PLAYERS

Advanced Micro Devices, Inc. (US)

BAE Systems (UK)

Barco N. V (Belgium)

CNL Software (UK)

D3 Security Management Systems (Canada)

Denso Corporation (Japan)

DRS Technologies, Inc. (US)

General Dynamics Corporation (US)

Harris Corporation (US)

Honeywell International, Inc. (US)

L-3 Communications Holdings, Inc. (US)

Lockheed Martin Corporation (US)

Microsoft Corporation (US)

Northrop Grumman Corporation (US)

Proximex Corporation (US)

Raytheon Company (US)

Rockwell Collins, Inc. (US)

The Mariner Group, LLC (US)

Xilinx, Inc. (US)

7. GLOBAL MARKET PERSPECTIVE

Table 4. World Recent Past, Current & Future Analysis for Situation Awareness System by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)



Table 5. World 8-Year Perspective for Situation Awareness System by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis
Current & Future Analysis
The ESSA Initiative
Military Offers Situation Awareness Capabilities to Prevent Satellite Collisions
Product Launches
Strategic Corporate Developments
Key Players
B. Market Analytics

Table 6. US Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis
Current & Future Analysis
MASAS Initiative
Product Launches
D3 Security Management Systems – A Key Player
B. Market Analytics

Table 7. Canadian Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

3. JAPAN



A. Market Analysis
Current & Future Analysis
US and Japan Ink Pact for Sharing SSA Data
Denso Corporation – A Key Player
B. Market Analytics

Table 8. Japanese Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis
Current & Future Analysis
EU to Develop Space Situational Awareness Network
B. Market Analytics

Table 9. European Recent Past, Current & Future Analysis for Situation Awareness System by Geographic Region - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 10. European 8-Year Perspective for Situation Awareness System by Geographic Region - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

4A. FRANCE

A. Market AnalysisCurrent & Future AnalysisProduct LaunchesB. Market Analytics

Table 11. French Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013



through 2020 (includes corresponding Graph/Chart)

4B. GERMANY

Market Analysis

Table 12. German Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4C. ITALY

Market Analysis

Table 13. Italian Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

A. Market Analysis
Current & Future Analysis
Product Launches
Strategic Corporate Developments
Key Players
B. Market Analytics

Table 14. UK Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4E. SPAIN

Market Analysis



Table 15. Spanish Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4F. RUSSIA

Market Analysis

Table 16. Russian Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4G. REST OF EUROPE

A. Market Analysis

Current & Future Analysis

Portugal

SAFER System: Emergency Response by Combining Situational Awareness and

Simulation

Strategic Corporate Development

Barco N. V (Belgium) - A Key Player

B. Market Analytics

Table 17. Rest of Europe Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

Market Analysis

Table 18. Asia-Pacific Recent Past, Current & Future Analysis for Situation Awareness System by Geographic Region - China, India, South Korea, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)



Table 19. Asia-Pacific 8-Year Perspective for Situation Awareness System by Geographic Region - Percentage Breakdown of Revenues for China, India, South Korea, and Rest of Asia-Pacific Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

5A. CHINA

Market Analysis

Table 20. Chinese Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis
Current & Future Analysis
Microblogs Provide Situational Awareness during Disaster Events
B. Market Analytics

Table 21. Indian Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

5C. SOUTH KOREA

Market Analysis

Table 22. South Korean Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

5D. REST OF ASIA-PACIFIC

A. Market AnalysisCurrent & Future Analysis



Strategic Corporate Developments
B. Market Analytics

Table 23. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

6. LATIN AMERICA

Market Analysis

Table 24. Latin American Recent Past, Current & Future Analysis for Situation Awareness System by Geographic Region - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 25. Latin American 8-Year Perspective for Situation Awareness System by Geographic Region - Percentage Breakdown of Revenues for Brazil and Rest of Latin America Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

7. REST OF WORLD

Market Analysis

Table 26. Rest of World Recent Past, Current & Future Analysis for Situation Awareness System Market Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 77 (including Divisions/Subsidiaries - 81)

The United States (52)

Canada (4)

Japan (1)

Europe (22)

France (2)



Germany (2)
The United Kingdom (7)
Rest of Europe (11)
Middle East (2)



I would like to order

Product name: Situation Awareness System: Market Research Report Product link: https://marketpublishers.com/r/S44DBDF00E5EN.html

Price: US\$ 4,500.00 (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/S44DBDF00E5EN.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

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

& Conditions at https://marketpublishers.com/docs/terms.html

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms