

# Supervisory Control and Data Acquisition (SCADA): Market Research Report

<https://marketpublishers.com/r/S038DB33406EN.html>

Date: January 2015

Pages: 248

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

ID: S038DB33406EN

## Abstracts

This report analyzes the worldwide markets for Supervisory Control and Data Acquisition (SCADA) in US\$ Million. The Global market is analyzed by the following Segments: Solutions, and Services. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin America. 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 86 companies including many key and niche players such as -

ABB Ltd.

Alstom

Emerson Electric Co.

General Electric Company

Hitachi, Ltd.

## 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

Solutions

Services

### II. EXECUTIVE SUMMARY

#### 1. MARKET OVERVIEW & TRENDS

Automated/Integrated industrialization: The Foundation for Growth

Operational Improvement & Automation Go Hand in Glove, Spurring Opportunities for SCADA

Process Improvement: A Continuous & Ubiquitous Need for Successful Business Operation

Automation: The Most Logical Choice for Achieving Process Improvements

Implications for the SCADA Systems Market

**Table 1.** Strong Spending on Industrial Automation Spurs Follow-Up Interest in SCADA as a Tool to Enable Automation: Global Market for Industrial Automation Equipment (In US\$ Billion) for the Years 2013, 2015 & 2018 (includes corresponding Graph/Chart)

Complexity of Modern Industrial Processes Provides a Business Case for SCADA

Integration of SCADA with Corporate IT: A Major Trend

Deployment of WSNs Boosts the Performance & Flexibility of SCADA

Mobility Strikes Industrial Automation & Process Control and Brings Mobile SCADA into the Spotlight as the Technology for Factories of the Future

**Table 2.** Strong Sales of Smartphones in the New Industrial Era of Interconnectivity & Open Communication, Opens Viable Business Opportunities for Mobile SCADA: Global

Sales of Smartphones (In 000 Units) by Geographic Region for the Years 2015 & 2020  
(includes corresponding Graph/Chart)

Internet Based SCADA: The New Era in Control Communications  
Shift towards IP SCADA Opens the Door for Security Attacks  
SCADA Meets the Cloud, Drives Spectacular Gains in Cloud Based SCADA  
The Disruption of Cloud Computing in the New Economy  
Deployment of SCADA On Private Cloud Gains Momentum  
Cloud SCADA as a Service Makes a Bold Emergence  
Developed Countries Dominate, while Developing Markets Offer Opportunities for  
Future Growth

**Table 3.** High Cloud Readiness Index (CRI) Score in Asian Countries Spells Lucrative  
Business Opportunities for Cloud Based SCADA Solutions: Breakdown of CRI Indices  
by Country for the Year 2014 (includes corresponding Graph/Chart)

Remote Monitoring and Management of SCADA Systems Fuels development of  
SCADA-HMI Applications  
RTUs: The Fundamental Building Block for SCADA Systems  
Replacement of RTUs with Advanced PLCs: A Key Trend  
Technology Developments Spearhead Market Growth  
New Online Remote Networks (NuROns)  
Ignition SCADA/HMI Software  
Proficy HMI/SCADA, Cimplicity, and iFix App  
Automation Direct's Software  
VTScada 11 SCADA  
SCADAventure  
SCADA Attains the Importance of Critical Infrastructure, Throws Cyber Security into the  
Spotlight  
Market Outlook

## **2. REVIEW OF TRENDS IN KEY APPLICATION AREAS**

SCADA: Vital to Distribution, Transmission & Generation Assets in the Power Sector  
SCADA Gains Traction in Renewable Energy Plants

**Table 4.** The Over US\$12 Trillion Infrastructure Investments in the Energy Sector Projected by 2030 Sets the Right Business Climate for SCADA in Utilities: Global Cumulative Infrastructure Spending (In US\$ Trillion) between the period 2013-2030 by Sector (includes corresponding Graph/Chart)

SCADA: Vital for Smart Grid Decision Making

**Table 5.** Robust Spending On Smart Grids, the Baseline Factor Supporting Investments in SCADA in the Utility Sector: Global Spending On Smart Grid Technologies and Services (In US\$ Million) by Sector (includes corresponding Graph/Chart)

Falling Oil Prices Plagues CAPEX, But Strengthens Interest in Automation Solutions like SCADA

Applications for SCADA in the Oil & Gas Sector

Oil Exploration

Wellhead Automation

Equipment Condition Monitoring

**Table 6.** With Over 44% Projected Increase in Automation Investments in the Oil and Gas Sector, SCADA Systems Stand Optimally Poised for Growth: Global Investments in Industrial Automation Equipment (In US\$ Billion) by Sector for the Years 2013, 2015 & 2018 (includes corresponding Graph/Chart)

Trend towards 'Smart Water Networks' Drives SCADA Demand  
SCADA Systems Find Increased Application in the Agriculture Sector

### **3. PRODUCT OVERVIEW**

SCADA – An Introduction

Applications of SCADA Systems

SCADA Segments

Solutions

Services

Components of SCADA  
Functions of SCADA  
Evolution of SCADA  
SCADA Architectures  
Monolithic SCADA Systems  
Distributed SCADA Systems  
Networked SCADA Systems  
Modern SCADA Systems

#### **4. PRODUCT INNOVATIONS/INTRODUCTIONS**

BRS Labs Launches AISight for SCADA Portal  
Darktrace Unveils Industrial Immune System  
InduSoft Launches SCADA App for Windows 8 and Windows RT

#### **5. RECENT INDUSTRY ACTIVITY**

iSIGHT Partners Takes Over Critical Intelligence  
Emerson Process Management Takes Over Energy Solutions International  
Quorum Acquires Fielding Systems  
Kalki Communication Technologies Takes Over Applied Systems Engineering  
ABB Deploys Network Manager SCADA/EMS Solution for Nation Grid USA  
DEWA to Finish Second Phase of SCADA System in Al Quoz  
DMU Collaborates with Airbus Group to Develop Innovative SCADA Systems  
Siemens Adds New WinCC/SES to Simatic WinCC SCADA System  
PFP Cybersecurity Enters SCADA Systems Market  
Siemens Adds Simatic WinCC/WebUX V7. 3 Option to Simatic WinCC SCADA for Mobile Applications  
BRS Labs and GlobaLogix Integrates AISight for SCADA in Beta Program  
B-Scada Launches Status Enterprise  
Invensys Acquires InduSoft  
Schad Inks Partnership with Invensys to Provide SCADA System with Wonderware Manufacturing Execution Systems  
Recon Deploys Innovative SCADA in Chinese Shale Play  
CSE-Semaphore Releases Two White Papers on SCADA Security  
Survalent Technology Assigns New SCADA System for Entegrus Data Center  
Finesse Solutions Unveils TruBio DV 4. 6 SCADA Software  
Survalent Technology Assigns New SCADA System for Grays Harbor PUD  
TEEMCO to Provide WAG's Wireless Automation Solutions for US Oil & Gas Facilities

Survalent Technology Assigns New SCADA System for Eugene Water and Electric Board PUD

MAVERICK Technologies Inks JDA with Logos Technologies and Global Velocity

## 6. FOCUS ON SELECT GLOBAL PLAYERS

ABB Ltd. (Switzerland)  
Alstom (France)  
Emerson Electric Co. (US)  
General Electric Company (GE) (US)  
Hitachi, Ltd. (Japan)  
Honeywell International (US)  
IBM Corporation (US)  
ICONICS, Inc. (US)  
Inductive Automation (US)  
JFE Engineering Corporation (Japan)  
Mitsubishi Electric Corporation (Japan)  
Omron Corp. (Japan)  
Rockwell Automation, Inc. (US)  
PetroCloud (US)  
Primex (US)  
Scadata, Inc. (US)  
Schneider Electric (France)  
Siemens AG (Germany)  
Tesco Controls Inc. (US)  
Toshiba Corp. (Japan)  
Xio, Inc. (US)  
Yokogawa Electric Corporation (Japan)

## 7. GLOBAL MARKET PERSPECTIVE

**Table 7.** World Recent Past, Current & Future Analysis for SCADA Systems by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (Excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 8.** World 8-Year Perspective for SCADA Systems by Geographic Region -

Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (Excluding Japan), Middle East & Africa and Latin America Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 9.** World Recent Past, Current & Future Analysis for SCADA Systems by Segment - Solutions and Services Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 10.** World 8-Year Perspective for SCADA Systems by Segment - Percentage Breakdown of Revenues for Solutions and Services Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

### III. MARKET

#### 1. THE UNITED STATES

##### A. Market Analysis

Growing Electric Power T&D Bodes Well for the Market

Transition towards Smart Technologies Benefits Smart Meter Adoption

Product Launches

Strategic Corporate Developments

Select Key Players

##### B. Market Analytics

**Table 11.** US Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

#### 2. CANADA

##### A. Market Analysis

Corporate Development

##### B. Market Analytics

**Table 12.** Canadian Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020

(includes corresponding Graph/Chart)

### 3. JAPAN

A. Market Analysis

Key Players

B. Market Analytics

**Table 13.** Japanese Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

### 4. EUROPE

A. Market Analysis

Europe – The Largest Regional Market for SCADA Systems

B. Market Analytics

**Table 14.** European Recent Past, Current & Future Analysis for SCADA Systems by Geographic Region - France, Germany, Italy, UK and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 15.** European 8-Year Perspective for SCADA Systems by Geographic Region - Percentage Breakdown of Revenues for France, Germany, Italy, UK and Rest of Europe Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

#### 4A. FRANCE

A. Market Analysis

Key Players

B. Market Analytics

**Table 16.** French Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)



## **4B. GERMANY**

- A. Market Analysis
  - Strategic Corporate Developments
  - Siemens AG – A Key Player
- B. Market Analytics

**Table 17.** German Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **4C. ITALY**

Market Analysis

**Table 18.** Italian Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **4D. THE UNITED KINGDOM**

- A. Market Analysis
  - Product Launch
  - Strategic Corporate Developments
- B. Market Analytics

**Table 19.** UK Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **4E. REST OF EUROPE**

- A. Market Analysis
  - ABB Ltd. (Switzerland) - A Key Player
- B. Market Analytics

**Table 20.** Rest of European Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **5. ASIA-PACIFIC**

### A. Market Analysis

Outlook

Asia-Pacific: A Hub for Global Growth

### B. Market Analytics

**Table 21.** Asia-Pacific Recent Past, Current & Future Analysis for SCADA Systems by Geographic Region - China 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 22.** Asia-Pacific 8-Year Perspective for SCADA Systems by Geographic Region - Percentage Breakdown of Revenues for China and Rest of Asia-Pacific Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

## **5A. CHINA**

### A. Market Analysis

Development of Smart Grids Drives Demand for SCADA Systems

Corporate Development

### B. Market Analytics

**Table 23.** Chinese Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **5B. REST OF ASIA-PACIFIC**

### A. Market Analysis

India

Demand for Easy to Operate SCADA Systems Gains momentum

## B. Market Analytics

**Table 24.** Rest of Asia-Pacific Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## 6. MIDDLE EAST & AFRICA

### A. Market Analysis

Corporate Development

### B. Market Analytics

**Table 25.** Middle East & Africa Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## 7. LATIN AMERICA

### Market Analysis

**Table 26.** Latin American Recent Past, Current & Future Analysis for SCADA Systems Market Analyzed with Annual Revenues in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 86 (including Divisions/Subsidiaries - 94)

The United States (41)

Canada (4)

Japan (7)

Europe (32)

France (4)

Germany(3)

The United Kingdom (8)

Italy (5)

Spain (2)

Rest of Europe (10)  
Asia-Pacific (Excluding Japan) (8)  
Latin America (1)  
Middle East (1)

## I would like to order

Product name: Supervisory Control and Data Acquisition (SCADA): Market Research Report

Product link: <https://marketpublishers.com/r/S038DB33406EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S038DB33406EN.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**

Customer 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