

Oil and Gas Terminal Automation Market by Product (DCS, SCADA, PLC, HMI, Process Safety System, Automatic Tank Gauging, Blending Controls & Security), Transportation Mode (Truck & Pipeline) & Geography - Analysis & Forecast to 2014 - 2020

<https://marketpublishers.com/r/O45721902E2EN.html>

Date: May 2014

Pages: 254

Price: US\$ 5,650.00 (Single User License)

ID: O45721902E2EN

Abstracts

Terminal automation in the oil and gas sector provides automatic solutions resulting in faster, error free, and accurate process completion. The global oil and gas terminal automation market is expected to reach \$4.4 billion by 2020, at an estimated CAGR of 8.91% from 2014 to 2020.

The applications of the oil and gas terminal automation are helping the users to practice error free and efficient operations in the oil and gas terminal industry. 'Automation' is the use of information technology and control systems (computers and set of devices), by replacing the human operator with these systems, in order to control and regulate the processes and instruments. In today's scenario, it is hard to imagine the oil and gas production landscape without the automated systems. The oil and gas industry requires massive automation at all the stages, right from exploration to the distribution.

The oil and gas terminal automation market covered in this report segments the overall oil and gas terminal market by product and transportation mode. The oil and gas terminal automation market consists of products like DCS, SCADA, PLC, HMI, PSS, process safety system, automatic tank gauging, and security. These products cover the overall market of oil and gas terminal automation systems; the offerings of these products vary from factorial analysis to process monitoring.

The oil and gas terminal automation market is segmented by 'transport' into two categories, which are transportation by – truck and pipeline. The truck terminals

communicate through the inventory systems or any other dedicated system at the terminal plant. On the other hand, the pipeline mode of transport is practiced to transfer inventories like crude oils, natural gas, liquefied natural gas, Liquefied Petroleum Gas (LPG), and petroleum products, among others. The flow of inventory through the pipeline takes place from a well to a refinery and, then, to a terminal and ultimately to the consumer.

The oil and gas terminal automation market is also segmented on the basis of the various geographies such as The Middle East, Americas, Europe, Asia-Pacific, and ROW. The Middle East consists of Saudi Arab, Iran, Iraq, UAE, and others. The APAC is segmented into India, China, Japan, South Korea, Indonesia, and 'others'. Meanwhile, the Americas is again sub-segmented into North America and South America. The ROW, in this segmentation, consists of Russia and 'others', while Europe and Africa are the smallest contributors in this market.

Contents

1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
- 1.6 MARKET SIZE ESTIMATION
- 1.7 MARKET BREAKDOWN AND DATA TRIANGULATION
- 1.8 KEY DATA FROM SECONDARY SOURCES
- 1.9 KEY DATA FROM PRIMARY SOURCES
- 1.10 REPORT ASSUMPTIONS
- 1.11 KEY COMPANIES COVERED DURING THE STUDY

2 EXECUTIVE SUMMARY

3 COVER STORY: ABB LTD.

4 MARKET OVERVIEW

- 4.1 INTRODUCTION
- 4.2 MARKET DEFINITION
- 4.3 MARKET SEGMENTATION
- 4.4 HISTORY AND EVOLUTION OF THE OIL AND GAS TERMINAL AUTOMATION MARKET

5 MARKET DYNAMICS

- 5.1 INTRODUCTION
- 5.2 MARKET DYNAMICS
 - 5.2.1 MARKET DRIVERS
 - 5.2.1.1 Growing concern of safety, security, and accuracy at the terminal areas
 - 5.2.1.2 Transition toward automated terminals
 - 5.2.1.3 An increasing interest in advanced operational activities
 - 5.2.1.4 The need to integrate the entire terminal system
 - 5.2.2 MARKET RESTRAINTS
 - 5.2.2.1 Dependence on political stability results in delays

5.2.2.2 Chances of cyber crime/threats at the terminal operational area

5.2.3 MARKET OPPORTUNITY

5.2.3.1 Growth in the number of oil and gas refineries are expected to be the future of the Terminal Automation Market

5.3 BURNING ISSUE

5.3.1 SYSTEM MANUFACTURERS ARE FACING TROUBLES TO RECRUIT EXPERTISE FOR SPECIFIC OPERATIONS IN THE TERMINAL AUTOMATION

5.4 WINNING IMPERATIVE

5.4.1 HIGH DEMAND FOR CUSTOMIZED TERMINAL AUTOMATION SYSTEMS IN THE OIL AND GAS INDUSTRY

5.5 VALUE CHAIN ANALYSIS OF OIL AND GAS TERMINAL AUTOMATION MARKET

5.6 PORTER'S FIVE FORCES ANALYSIS

5.6.1 THREAT FROM NEW ENTRANTS

5.6.2 THREAT FROM SUBSTITUTES

5.6.3 BARGAINING POWER OF SUPPLIERS

5.6.4 BARGAINING POWER OF CUSTOMERS

5.6.5 DEGREE OF COMPETITION

6 OIL & GAS TERMINAL AUTOMATION MARKET, BY PRODUCTS

6.1 INTRODUCTION

6.2 TERMINAL AUTOMATION MARKET PRODUCT SEGMENTATION

6.3 DISTRIBUTED CONTROL SYSTEM (DCS)

6.3.1 COMPONENTS OF DCS

6.3.2 APPLICATIONS OF DCS

6.3.3 LIST OF SOME OF THE COMPANIES MANUFACTURING DCS

6.4 SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

6.4.1 COMPONENTS OF SCADA

6.4.2 SOFTWARE PRODUCTS USED WITHIN SCADA SYSTEM

6.4.3 SCADA ARCHITECTURE

6.4.4 APPLICATION IN OIL & GAS

6.4.5 LIST OF COMPANIES PROVIDING SCADA

6.5 PROGRAMMABLE LOGIC CONTROLLER (PLC)

6.5.1 COMPONENTS OF PLC

6.5.2 APPLICATION IN OIL & GAS

6.5.3 LIST OF COMPANIES PROVIDING PLC

6.6 HUMAN MACHINE INTERFACE (HMI)

6.6.1 ADVANTAGES OF HMI

6.6.2 LIST OF COMPANIES PROVIDING HMI

6.7 PROCESS SAFETY SYSTEM (PSS)

6.7.1 KEY PROCESS SAFETY INFORMATION PROVIDED BY PROCESS SAFETY SYSTEM

6.7.1.1 Vulnerabilities of the fuel used in the process

6.7.1.2 Process and technology used

6.7.1.3 Equipment used in the process

6.7.2 LIST OF COMPANIES PROVIDING PSS

6.8 AUTOMATIC TANK GAUGING (ATG)

6.8.1 COMPONENTS OF ATG

6.8.2 LEAK DETECTION IN ATG

6.8.3 INFORMATION PROVIDED BY ATG

6.8.4 OPERATION MODES OF ATG

6.8.5 APPLICATION OF ATG IN OIL & GAS MARKET

6.8.6 LIMITATIONS OF ATG

6.8.7 LIST OF COMPANIES MANUFACTURING ATG

6.9 PRESET/BLEND CONTROLLER

6.9.1 TYPES OF BLENDING

6.9.2 NEED FOR BLENDING

6.9.3 LIST OF COMPANIES PROVIDING BLEND CONTROLLERS

6.10 SECURITY

6.10.1 OVERVIEW

6.10.2 SECURITY IN OIL & GAS MARKET

6.10.3 LIST OF COMPANIES PROVIDING SECURITY FOR OIL & GAS MARKET

7 GLOBAL OIL AND GAS TERMINAL AUTOMATION MARKET, BY TRANSPORTATION MODE

7.1 INTRODUCTION

7.2 TRUCK

7.3 PIPELINES

7.3.1 TYPES OF PIPELINES

8 GLOBAL OIL AND GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY

8.1 INTRODUCTION

8.2 AMERICAS

8.2.1 U.S.A.

8.2.2 CANADA

8.2.3 MEXICO

8.2.4 NORTH AMERICA

8.2.5 SOUTH AMERICA:

8.2.5.1 Brazil

8.2.5.2 Venezuela

8.2.5.3 Others

8.3 THE MIDDLE EAST

8.3.1 SAUDI ARABIA

8.3.2 IRAN

8.3.3 IRAQ

8.3.4 UNITED ARAB EMIRATES (U.A.E.)

8.3.5 OTHERS

8.4 AFRICA

8.5 EUROPE

8.6 APAC

8.6.1 INDIA

8.6.2 CHINA

8.6.3 JAPAN

8.6.4 SOUTH KOREA

8.6.5 INDONESIA

8.6.6 OTHERS

8.7 ROW

8.7.1 RUSSIA

8.7.2 OTHERS

9 COMPETITIVE LANDSCAPE

9.1 INTRODUCTION

9.2 MARKET SHARE ANALYSIS

9.3 KEY GROWTH STRATEGIES

9.4 COMPETITIVE SITUATION AND TREND

9.4.1 NEW PRODUCT LAUNCH/DEVELOPMENT

9.4.2 ACQUISITIONS, MERGERS, PARTNERSHIPS, AND CONTRACTS

9.4.3 OTHERS

10 COMPANY PROFILE

(Overview, Products and Services, Financials, Strategy & Development)*

10.1 ABB LTD.

10.2 CIMATION

- 10.3 EMERSON ELECTRIC CO.
- 10.4 ENDRESS+HAUSER AG
- 10.5 HONEYWELL PROCESS SOLUTIONS
- 10.6 INVENSYS PLC.
- 10.7 ROCKWELL AUTOMATION
- 10.8 SCHNEIDER ELECTRIC
- 10.9 SIEMENS AG
- 10.10 YOKOGAWA ELECTRIC CORPORATION

List Of Tables

LIST OF TABLES

TABLE 1 GENERAL ASSUMPTIONS, TERMINOLOGIES, AND KEY NOTES FOR THE TERMINAL AUTOMATION MARKET IN OIL & GAS

TABLE 2 OIL AND GAS TERMINAL AUTOMATION MARKET SIZE, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 3 MARKET DRIVERS – IMPACT ANALYSIS, 2013-2020

TABLE 4 TERMINAL AUTOMATION MARKET IN OIL & GAS: MARKET RESTRAINTS – IMPACT ANALYSIS 2013-2020

TABLE 5 TERMINAL AUTOMATION MARKET IN OIL & GAS: OPPORTUNITY – IMPACT ANALYSIS 2013-2020

TABLE 6 UPCOMING OIL & GAS REFINERIES: 2014-2020

TABLE 7 PORTER'S SCALING

TABLE 8 PORTER'S SCALING

TABLE 9 PORTER'S SCALING

TABLE 10 PORTER'S SCALING

TABLE 11 PORTER'S SCALING

TABLE 12 PORTER'S SCALING

TABLE 13 OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PRODUCT, 2013-2020 (\$MILLION)

TABLE 14 DCS MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 15 SCADA MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 16 PLC MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 17 HMI MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 18 PROCESS SAFETY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 19 ATG MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 20 PRESET/BLENDING CONTROLLER MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 21 SECURITY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION MARKET, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 22 OIL AND GAS TERMINAL AUTOMATION MARKET SIZE, BY

TRANSPORTATION MODE, 2013-2020 (\$MILLION)

TABLE 23 OIL & GAS TERMINAL AUTOMATION MARKET, BY TRUCK
TRANSPORTATION, BY GEORGRAPHY (\$MILLION) 2013-2020

TABLE 24 OIL & GAS TERMINAL AUTOMATION MARKET, BY PIPELINE
TRANSPORTATION, BY GEOGRAPHY (\$MILLION) 2013–2020

TABLE 25 OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY GEOGRAPHY,
2013-2020 (\$MILLION)

TABLE 26 AMERICAS: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY
COUNTRY, 2013–2020 (\$MILLION)

TABLE 27 AMERICAS: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY
PRODUCT, 2013–2020 (\$MILLION)

TABLE 28 AMERICAS: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY
TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 29 NORTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE,
BY COUNTRY, 2013–2020 (\$MILLION)

TABLE 30 NORTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE,
BY TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 31 NORTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE,
BY PRODUCT, 2013–2020 (\$MILLION)

TABLE 32 NORTH AMERICA: DCS MARKET SIZE IN OIL & GAS TERMINAL
AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 33 NORTH AMERICA: SCADA MARKET SIZE IN OIL & GAS TERMINAL
AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 34 NORTH AMERICA: PLC MARKET SIZE IN OIL & GAS TERMINAL
AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 35 NORTH AMERICA: HMI MARKET SIZE IN OIL & GAS TERMINAL
AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 36 NORTH AMERICA: PROCESS SAFETY SYSTEM MARKET SIZE IN OIL &
GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 37 NORTH AMERICA: AUTOMATIC TANK GAUGING MARKET SIZE IN OIL &
GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 38 NORTH AMERICA: PRESET/BLENDING CONTROLLER MARKET SIZE IN
OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 39 NORTH AMERICA: SECURITY SYSTEM MARKET SIZE IN OIL & GAS
TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 40 NORTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE,
BY TRUCK TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 41 NORTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE,
BY PIPELINE TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 42 SOUTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

TABLE 43 SOUTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 44 SOUTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PRODUCT, 2013–2020 (\$MILLION)

TABLE 45 SOUTH AMERICA: DCS MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 46 SOUTH AMERICA: SCADA MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 47 SOUTH AMERICA: PLC MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 48 SOUTH AMERICA: HMI MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 49 SOUTH AMERICA: PROCESS SAFETY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 50 SOUTH AMERICA: AUTOAMTIC TANK GAUGING MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 51 SOUTH AMERICA: PRESET/BLENDING CONTROLLER MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 52 SOUTH AMERICA: SECURITY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 53 SOUTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRUCK TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 54 SOUTH AMERICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PIPELINE TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 55 THE MIDDLE EAST: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

TABLE 56 THE MIDDLE EAST: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 57 THE MIDDLE EAST: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PRODUCT, 2013–2020 (\$MILLION)

TABLE 58 THE MIDDLE EAST: DCS MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 59 THE MIDDLE EAST: SCADA MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 60 THE MIDDLE EAST: PLC MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 61 THE MIDDLE EAST: HMI MARKET SIZE IN OIL & GAS TERMINAL

AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 62 THE MIDDLE EAST: PROCESS SAFETY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 63 THE MIDDLE EAST: AUTOMATIC TANK GAUGING MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 64 THE MIDDLE EAST: PRESET/BLENDING CONTROLLER MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 65 THE MIDDLE EAST: SECURITY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 66 THE MIDDLE EAST: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRUCK TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 67 THE MIDDLE EAST: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PIPELINE TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 68 AFRICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 69 AFRICA: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PRODUCT, 2013–2020 (\$MILLION)

TABLE 70 MAJOR REFINERIES IN AFRICA: 2013

TABLE 71 THE MAJOR REFINERIES IN EUROPE: 2013

TABLE 72 EUROPE: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 73 EUROPE: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PRODUCT, 2013–2020 (\$MILLION)

TABLE 74 APAC: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

TABLE 75 APAC: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 76 APAC: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PRODUCT, 2013–2020 (\$MILLION)

TABLE 77 APAC: DCS MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 78 APAC: SCADA MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 79 APAC: PLC MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 80 APAC: HMI MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 81 APAC: PROCESS SAFETY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 82 APAC: AUTOMATIC TANK GAUGING MARKET SIZE IN OIL & GAS
TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 83 APAC: PRESET/BLENDING CONTROLLER MARKET SIZE IN OIL & GAS
TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 84 APAC: SECURITY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL
AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 85 APAC: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRUCK
TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 86 APAC: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PIPELINE
TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 87 ROW: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY
COUNTRY, 2013–2020 (\$MILLION)

TABLE 88 ROW: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY
TRANSPORTATION MODE, 2013–2020 (\$MILLION)

TABLE 89 ROW: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY
PRODUCT, 2013–2020 (\$MILLION)

TABLE 90 ROW: DCS MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY
COUNTRY, 2013-2020 (\$MILLION)

TABLE 91 ROW: SCADA MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY
COUNTRY, 2013-2020 (\$MILLION)

TABLE 92 ROW: PLC MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY
COUNTRY, 2013-2020 (\$MILLION)

TABLE 93 ROW: HMI MARKET SIZE IN OIL & GAS TERMINAL AUTOMATION, BY
COUNTRY, 2013-2020 (\$MILLION)

TABLE 94 ROW: PROCESS SAFETY SYSTEM MARKET SIZE IN OIL & GAS
TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 95 ROW: AUTOMATIC TANK GAUGING MARKET SIZE IN OIL & GAS
TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 96 ROW: PRESET/BLENDING CONTROLLER MARKET SIZE IN OIL & GAS
TERMINAL AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 97 ROW: SECURITY SYSTEM MARKET SIZE IN OIL & GAS TERMINAL
AUTOMATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 98 ROW: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY TRUCK
TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 99 ROW: OIL & GAS TERMINAL AUTOMATION MARKET SIZE, BY PIPELINE
TRANSPORTATION, BY COUNTRY, 2013-2020 (\$MILLION)

TABLE 100 NEW PRODUCT LAUNCH/DEVELOPMENT 2010-2014

TABLE 101 ACQUISITIONS, MERGERS, PARTNERSHIPS, AND CONTRACTS,
2010-2014

TABLE 102 OTHERS 2010-2014

TABLE 103 CIMATION: COMPANY SANAPSHOT

TABLE 104 ENDRESS+HAUSER AG: COMPANY SNAPSHOT

TABLE 105 HONEYWELL PROCESS SOLUTIONS: COMPANY SNAPSHOT

List Of Figures

LIST OF FIGURES

FIGURE 1 OIL & GAS TERMINAL AUTOMATION MARKET SEGMENTATION

FIGURE 2 RESEARCH METHODOLOGY OF OIL & GAS TERMINAL AUTOMATION MARKET

FIGURE 3 MARKET SIZE ESTIMATION

FIGURE 4 MARKET CRACKDOWN AND DATA TRIANGULATION

FIGURE 5 SEGMENTATION OF OIL AND GAS TERMINAL AUTOMATION MARKET

FIGURE 6 EVOLUTION OF TERMINAL AUTOMATION MARKET IN OIL AND GAS INDUSTRY

FIGURE 7 TERMINAL AUTOMATION MARKET IN OIL & GAS: VALUE CHAIN ANALYSIS

FIGURE 8 TERMINAL AUTOMATION MARKET IN OIL & GAS: PORTER'S FIVE FORCES ANALYSIS: 2013

FIGURE 9 PORTER'S FIVE FORCES ANALYSIS: THREAT FROM NEW ENTRANTS

FIGURE 10 PORTER'S FIVE FORCES ANALYSIS: THREAT FROM SUBSTITUTES

FIGURE 11 PORTER'S FIVE FORCES ANALYSIS: BARGAINING POWER OF SUPPLIERS

FIGURE 12 PORTER'S FIVE FORCES ANALYSIS: BARGAINING POWER OF CUSTOMERS

FIGURE 13 PORTER'S FIVE FORCES ANALYSIS: DEGREE OF COMPETITION

FIGURE 14 PRODUCT SEGMENTATION OF OIL & GAS TERMINAL AUTOMATION MARKET

FIGURE 15 THIRD GENERATION SCADA ARCHITECTURE

FIGURE 16 COMPONENTS OF ATG

FIGURE 17 APPLICATIONS OF AUTOMATIC TANK GAUGING IN OIL & GAS MARKET

FIGURE 18 ATG ADVANTAGES AND DISADVANTAGES

FIGURE 19 TYPES OF BLENDING PROCESS

FIGURE 20 TRANSPORTATION MODE IN TERMINAL AUTOMATION MARKET IN OIL AND GAS

FIGURE 21 TYPES OF TRUCK FOR OIL AND GAS TERMINAL AUTOMATION MARKET

FIGURE 22 TYPES OF PIPELINES

FIGURE 23 MARKET SEGMENTATION: TERMINAL AUTOMATION MARKET IN OIL & GAS

FIGURE 24 MARKET SHARE: TERMINAL AUTOMATION PLAYERS: 2013

FIGURE 25 KEY GROWTH STRATEGIES
FIGURE 26 ABB LTD.: COMPANY SNAPSHOT
FIGURE 27 ABB LTD: PRODUCTS & SERVICES
FIGURE 28 ABB LTD: SWOT ANALYSIS
FIGURE 29 PRODUCT AND SERVICES
FIGURE 30 EMERSON ELECTRIC CO.: COMPANY SNAPSHOT
FIGURE 31 EMERSON ELECTRIC CO.: PRODUCTS AND SERVICES
FIGURE 32 EMERSON: SWOT ANALYSIS
FIGURE 33 ENDRESS+HAUSER AG: PRODUCTS AND SERVICES
FIGURE 34 HONEYWELL PROCESS SOLUTIONS: PRODUCT AND SERVICES
FIGURE 35 HONEYWELL: SWOT ANALYSIS
FIGURE 36 INVENSYS PLC: COMPANY SNAPSHOT
FIGURE 37 INVENSYS PLC: COMPANY SNAPSHOT
FIGURE 38 ROCKWELL AUTOMATION: COMPANY SNAPSHOT
FIGURE 39 ROCKWELL AUTOMATION: PRODUCT AND SERVICES
FIGURE 40 ROCKWELL AUTOMATION: SWOT ANALYSIS
FIGURE 41 SCHNEIDER ELECTRIC: COMPANY SNAPSHOT
FIGURE 42 SCHNEIDER ELECTRIC: PRODUCTS AND SERVICES
FIGURE 43 SIEMENS AG: COMPANY SNAPSHOT
FIGURE 44 SIEMENS AG: PRODUCTS & SERVICES
FIGURE 45 SIEMENS AG: SWOT ANALYSIS
FIGURE 46 YOKOGAWA ELECTRIC CORPORATION: COMPANY SNAPSHOT
FIGURE 47 YOKOGAWA ELECTRIC CORPORATION: PRODUCTS AND SERVICES

I would like to order

Product name: Oil and Gas Terminal Automation Market by Product (DCS, SCADA, PLC, HMI, Process Safety System, Automatic Tank Gauging, Blending Controls & Security), Transportation Mode (Truck & Pipeline) & Geography - Analysis & Forecast to 2014 - 2020

Product link: <https://marketpublishers.com/r/O45721902E2EN.html>

Price: US\$ 5,650.00 (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/O45721902E2EN.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