

# South East Asia Industrial Automation and Process Control Market by Product Type, Industry Vertical - Industry Forecast to 2025

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## Abstracts

South East Asia Industrial Automation and Process Control Market by Product Type (DCS, PLC, SCADA, PLM), Industry Vertical (Textile, Oil and Gas, Food and Beverages, Life Sciences, Automotive, Packaging) - Industry Forecast to 2025

The Southeast Asia industrial automation & process control market is expected to grow at a CAGR of 7.8% from 2019 to 2025 to reach \$4.97 billion by 2025.

Industrial automation is a set of technologies and automatic control devices that results in the automatic operation and control of industrial processes without significant human intervention and achieving superior performance than manual control. Automation mainly refers to the creation and application of technology to monitor and control the production and delivery of products and services. The growth of industrial automation and process control in Southeast Asia is majorly supported by the government initiatives, growing demand for industrial automation backed by growing production demands, and the advent of Industry 4.0. Growing needs for mass production and mounting pressure for reducing operational cost is also contributing to the overall growth of this market. However, high capital investment and direct impact of industrial automation on employment are the major restraining factors for the consistent growth of this market.

Based on product type Southeast Asia industrial automation & process control market is segmented into product lifecycle management, distributed control system, supervisory control, and data acquisition system, variable frequency drive, general motion control, programmable logic controller, sensors & transmitters, manufacturing execution system, flowmeters, machine safety systems, enterprise asset management, human-machine

interface, process safety system, operator training simulators. At present, product lifecycle management commanded the largest share of the Southeast Asia industrial automation & process control market by product type and expected to witness high growth during the forecast period. The large share of this segment is attributed to the fact that product lifecycle management reduces the product time to market. It also aids industry verticals to decrease their overall production cost and facilitates better communications between departments. However, programmable logic controller is expected to grow with the fastest CAGR throughout the forecast period. PLC can continuously monitor and help industry to make decisions based on the data collected. This certainly helps industries to save considerable amount of time, money, and energy spent on impulsive decisions.

Based on industry vertical, the Southeast Asia industrial automation & process control market is majorly segmented into process industry and discrete industry. In 2019, process industry dominated the overall Southeast Asia industrial automation and process control market and is expected to continue its dominance throughout the forecast period. The process industry offers immense opportunities to incorporate disruptive technologies such as robots and automation & process control. Process industry consists of some of the fastest-growing industries such as oil & gas, energy & power system, food & beverage, and chemical & petrochemical among others. All these industries are rapidly incorporating automation & process control especially, in Southeast Asia region. Furthermore, local government's encouragement for improving existing manufacturing systems and boost efficiency is helping process industry grow with the fastest CAGR throughout the forecast period.

An in-depth analysis of the geographical scenario of the market provides detailed qualitative and quantitative insights about the major countries including Singapore, Vietnam, Thailand, Malaysia, Indonesia, and the Philippines. In 2019, Singapore commanded the largest share of Southeast Asia industrial automation & process control market followed by Vietnam and Thailand. The large share of this country is attributed to the high per capita income in the region with manufacturing industry as a major contributor to it. High advent of Industry 4.0 and rapid automation of industrial manufacturing & processing industry backed by strong government initiatives such as National Robotics Program is also aiding Singapore to emerge as the most dominating country in the Southeast Asia industrial automation & process control market.

Key players operating in the Southeast Asia industrial automation & process control market are Siemens AG (Germany), ABB Group (Switzerland), Fanuc Corporation (Japan), Rockwell Automation, Inc. (U.S.), Emerson Electric Corporation (U.S.),

Universal Robots (Denmark), Schneider Electric S.E. (France), Honeywell International, Inc. (U.S.), Panasonic Corporation (Japan), Eaton Corporation (Ireland), Scott Automation and Robotics (Australia), and Yokogawa Electric Corporation (Japan) among others.

**Scope of the Report:**

Market by Product Type:

Product Lifecycle Management

Distributed Control System

Supervisory Control and Data Acquisition System

Variable Frequency Drive

General Motion Control

Programmable Logic Controller

Sensors & Transmitters

Manufacturing Execution System

Flowmeters

Machine Safety Systems

Enterprise Asset Management

Huma-Machine Interface

Process Safety System

Operator Training Simulators

Market by Industry Vertical:

## Process Industry

Oil & Gas

Chemicals & Petrochemicals

Food & Beverage

Life Sciences

Water & Wastewater

Energy & Power Systems

Pulp & Paper

Cement & Glass

Metal & Mining

Textile

Rubber & Plastics

Metal Fabrication

## Discrete Industry

Automotive

Semiconductors & Electronics

Medical Devices

Aerospace & Defense

Machine Manufacturing

Packaging

Printing

Market by Geography:

Singapore

Vietnam

Thailand

Malaysia

Indonesia

Philippines

Others

## Contents

### 1. INTRODUCTION

- 1.1. Market Ecosystem
- 1.2. Currency and Limitations
  - 1.2.1. Currency
  - 1.2.2. Limitations
- 1.3. Key Stakeholders

### 2. RESEARCH METHODOLOGY

- 2.1. Research Process
  - 2.1.1. Secondary Research
  - 2.1.2. Primary Research
  - 2.1.3. Market Size Estimation

### 3. MARKET SHARE ANALYSIS, BY KEY PLAYERS

### 4. EXECUTIVE SUMMARY

### 5. MARKET INSIGHTS

- 5.1. Introduction
- 5.2. Market Dynamics
  - 5.2.1. Drivers
    - 5.2.1.1. Government Initiatives to Promote The Adoption of Automated Systems in Various Industrial Verticals
    - 5.2.1.2. Increasing Demand for Automation From Various Manufacturing Sectors
    - 5.2.1.3. Growing Innovations in Industrial Automation Systems
    - 5.2.1.4. Growing Need for Mass Production With Reduced Operation Cost
  - 5.2.2. Restraints
    - 5.2.2.1. Growing Risk of Unemployment
    - 5.2.2.2. High Capital investments
  - 5.2.3. Opportunities
    - 5.2.3.1. Digital Transformation and Rapid Technological Advancements
    - 5.2.3.2. Industry 4.0 Revolution
    - 5.2.3.3. Growing Manufacturing Sector in Emerging Economies
  - 5.2.4. Challenges

5.2.4.1. Lack of Skilled Workforce

5.2.4.2. Automated Cyber Threat

## **6. SOUTHEAST ASIA AUTOMATION AND PROCESS CONTROL MARKET, BY PRODUCT TYPE**

6.1. Introduction

6.2. Product Lifecycle Management

6.3. Distributed Control System

6.4. Supervisory Control and Data Acquisition System (Scada)

6.5. Variable Frequency Drive

6.6. General Motion Control

6.7. Programmable Logic Controller

6.8. Sensors and Transmitters

6.9. Manufacturing Execution System

6.10. Flowmeters

6.11. Machine Safety Systems

6.12. Enterprise Asset Management

6.13. Human-Machine interface

6.14. Process Safety System

6.15. Operator Training Simulators

## **7. SOUTHEAST ASIA AUTOMATION AND PROCESS CONTROL MARKET, BY INDUSTRY VERTICALS**

7.1. Introduction

7.2. Process Industry

7.2.1. Oil and Gas

7.2.2. Chemicals and Petrochemicals

7.2.3. Food and Beverage

7.2.4. Life Sciences

7.2.5. Water and Wastewater

7.2.6. Energy and Power System

7.2.7. Pulp and Paper

7.2.8. Cement and Glass

7.2.9. Metal and Mining

7.2.10. Textile

7.2.11. Rubber and Plastic

7.2.12. Metal Fabrication

### 7.3. Discrete Industry

- 7.3.1. Automotive
- 7.3.2. Semiconductors and Electronics
- 7.3.3. Medical Devices
- 7.3.4. Aerospace and Defense
- 7.3.5. Machine Manufacturing
- 7.3.6. Packaging
- 7.3.7. Printing

## **8. SOUTHEAST ASIA AUTOMATION AND PROCESS CONTROL MARKET, BY GEOGRAPHY**

- 8.1. Introduction
- 8.2. Singapore
- 8.3. Vietnam
- 8.4. Thailand
- 8.5. Malaysia
- 8.6. Indonesia
- 8.7. Philippines
- 8.8. Others

## **9. COMPETITIVE LANDSCAPE**

- 9.1. Introduction
- 9.2. New Product Launches
- 9.3. Partnerships, Collaborations, Alliances & Agreements
- 9.4. Expansions
- 9.5. Mergers & Acquisitions

## **10. COMPANY PROFILES**

- 10.1. Siemens AG
  - 10.1.1. Business Overview
  - 10.1.2. Financial Overview
  - 10.1.3. Product Portfolio
  - 10.1.4. Strategic Developments
- 10.2. ABB Group
  - 10.2.1. Business Overview
  - 10.2.2. Financial Overview



- 10.2.3. Product Portfolio
- 10.2.4. Strategic Developments
- 10.3. Fanuc Corporation
  - 10.3.1. Business Overview
  - 10.3.2. Financial Overview
  - 10.3.3. Product Portfolio
  - 10.3.4. Strategic Developments
- 10.4. Rockwell Automation, Inc.
  - 10.4.1. Business Overview
  - 10.4.2. Financial Overview
  - 10.4.3. Product Portfolio
  - 10.4.4. Strategic Developments
- 10.5. Emerson Electric Corporation
  - 10.5.1. Business Overview
  - 10.5.2. Financial Overview
  - 10.5.3. Product Portfolio
  - 10.5.4. Strategic Developments
- 10.6. Universal Robots
  - 10.6.1. Business Overview
  - 10.6.2. Financial Overview
  - 10.6.3. Product Portfolio
  - 10.6.4. Strategic Developments
- 10.7. Schneider Electric SE
  - 10.7.1. Business Overview
  - 10.7.2. Financial Overview
  - 10.7.3. Product Portfolio
  - 10.7.4. Strategic Developments
- 10.8. Honeywell international, Inc.
  - 10.8.1. Business Overview
  - 10.8.2. Financial Overview
  - 10.8.3. Product Overview
  - 10.8.4. Strategic Developments
- 10.9. Panasonic Corporation
  - 10.9.1. Business Overview
  - 10.9.2. Financial Overview
  - 10.9.3. Product Portfolio
  - 10.9.4. Strategic Developments
- 10.10. Eaton Corporation
  - 10.10.1. Business Overview

- 10.10.2. Financial Overview
- 10.10.3. Product Portfolio
- 10.10.4. Strategic Developments
- 10.11. Scott Automation & Robotics (A Subsidiary of Scott Technology)
  - 10.11.1. Business Overview
  - 10.11.2. Financial Overview
  - 10.11.3. Product Portfolio
  - 10.11.4. Strategic Developments
- 10.12. Yokogawa Electric Corporation
  - 10.12.1. Business Overview
  - 10.12.2. Financial Overview
  - 10.12.3. Product Portfolio
  - 10.12.4. Strategic Developments

## **11. APPENDIX**

- 11.1. Questionnaire

## List Of Tables

### LIST OF TABLES

Table 1 Southeast Asia Industrial Automation and Process Control Market: Impact Analysis of Market Drivers (2019–2025)

Table 2 Southeast Asian Industrial Automation and Process Control Market: Impact Analysis of Market Restraints (2019–2025)

Table 3 Southeast Asia Automation and Process Control Market Size, by Product Type, 2017–2025 (\$Million)

Table 4 Southeast Asian Product Lifecycle Management Market Size, by Country, 2017–2025 (\$Million)

Table 5 Southeast Asian Distributed Control System Market Size, by Country, 2017–2025 (\$Million)

Table 6 Southeast Asian Supervisory Control and Data Acquisition System Market Size, by Country, 2017–2025 (\$Million)

Table 7 Southeast Asian Variable Frequency Drive Market Size, by Country, 2017–2025 (\$Million)

Table 8 Southeast Asian General Motion Controls Market Size, by Country, 2017–2025 (\$Million)

Table 9 Southeast Asian Programmable Logic Controller Market Size, by Country, 2017–2025 (\$Million)

Table 10 Southeast Asian Sensors and Transmitters Market Size, by Country, 2017–2025 (\$Million)

Table 11 Southeast Asian Manufacturing Execution System Market Size, by Country, 2017–2025 (\$Million)

Table 12 Southeast Asian Flowmeters Market Size, by Country, 2017–2025 (\$Million)

Table 13 Southeast Asian Machine Safety System Market Size, by Country, 2017–2025 (\$Million)

Table 14 Southeast Asian Enterprise Asset Management Market Size, by Country, 2017–2025 (\$Million)

Table 15 Southeast Asian Human-Machine interface Market Size, by Country, 2017–2025 (\$Million)

Table 16 Southeast Asian Process Safety System Market Size, by Country, 2017–2025 (\$Million)

Table 17 Southeast Asian Operator Training Simulator Market Size, by Country, 2017–2025 (\$Million)

Table 18 Southeast Asian Industrial Automation and Process Control Market Size, by Industry Verticals, 2017–2025 (\$Million)

Table 19 Southeast Asian Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017–2025 (\$Million)

Table 20 Southeast Asian Industrial Automation and Process Control Market Size for Process Industry, by Country, 2017–2025 (\$Million)

Table 21 Southeast Asian Industrial Automation and Process Control Market Size for Oil and Gas Industry, by Country, 2017-2025 (\$Million)

Table 22 Southeast Asian Industrial Automation and Process Control Chemical Market Size for Chemical and Petrochemical Industry, by Country, 2017-2025 (\$Million)

Table 23 Southeast Asian Industrial Automation and Process Control Market Size for Food and Beverages Industry, by Country, 2017-2025 (\$Million)

Table 24 Southeast Asian Industrial Automation and Process Control Market Size for Life Sciences Industry, by Country, 2017-2025 (\$Million)

Table 25 Southeast Asian Industrial Automation and Process Control Market for Water and Wastewater Industry, by Country, 2017-2025 (\$Million)

Table 26 Southeast Asian Industrial Automation and Process Control Market Size for Energy and Power System Industry, by Country, 2017-2025 (\$Million)

Table 27 Southeast Asian Industrial Automation and Process Control Market Size for Pulp and Paper Industry, by Country, 2017-2025 (\$Million)

Table 28 Southeast Asian Industrial Automation and Process Control Market Size for Cement and Glass Industry, by Country, 2017-2025 (\$Million)

Table 29 Southeast Asian Industrial Automation and Process Control Market Size for Metal and Mining Industry, by Country, 2017-2025 (\$Million)

Table 30 Southeast Asian Industrial Automation and Process Control Market Size for Textile Industry, by Country, 2017-2025 (\$Million)

Table 31 Southeast Asian Industrial Automation and Process Control Market Size for Rubber and Plastic Industry, by Country, 2017-2025 (\$Million)

Table 32 Southeast Asian Industrial Automation and Process Control Market Size for Metal Fabrication Industry, by Country, 2017-2025 (\$Million)

Table 33 Southeast Asian Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017–2025 (\$Million)

Table 34 Southeast Asian Industrial Automation and Process Control Market Size for Discrete Industry, by Country, 2017-2025 (\$Million)

Table 35 Southeast Asian Industrial Automation and Process Control Market Size for Automotive Industry, by Country, 2017-2025 (\$Million)

Table 36 Southeast Asian Industrial Automation and Process Control Market Size for Semiconductors and Electronics Industry, by Country, 2017-2025 (\$Million)

Table 37 Southeast Asian Industrial Automation and Process Control Market Size for Medical Devices Industry, by Country, 2017-2025 (\$Million)

Table 38 Southeast Asian Industrial Automation and Process Control Market Size for

Aerospace and Defense Industry, by Country, 2017-2025 (\$Million)

Table 39 Southeast Asian Industrial Automation and Process Control Market Size for Machine Manufacturing Industry, by Country, 2017-2025 (\$Million)

Table 40 Southeast Asian Industrial Automation and Process Control Market Size for Packaging Industry, by Country, 2017-2025 (\$Million)

Table 41 Southeast Asian Industrial Automation and Process Control Market Size for Printing Industry, by Country, 2017-2025 (\$Million)

Table 42 Southeast Asia: Industrial Automation and Process Control Market Size, by Country, 2017-2025 (\$Million)

Table 43 Singapore: Industrial Automation and Process Control Market Size, by Type, 2017-2025 (\$Million)

Table 44 Singapore: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)

Table 45 Singapore: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)

Table 46 Singapore: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)

Table 47 Vietnam: Industrial Automation and Process Control Market Size, by Product Type, 2017-2025 (\$Million)

Table 48 Vietnam: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)

Table 49 Vietnam: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)

Table 50 Vietnam: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)

Table 51 Thailand: Industrial Automation and Process Control Market Size, by Product Type, 2017-2025 (\$Million)

Table 52 Thailand: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)

Table 53 Thailand: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)

Table 54 Thailand: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)

Table 55 Malaysia: Industrial Automation and Process Control Market Size, by Product Type, 2017-2025 (\$Million)

Table 56 Malaysia: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)

Table 57 Malaysia: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)

- Table 58 Malaysia: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)
- Table 59 Indonesia: Industrial Automation and Process Control Market Size, by Product Type, 2017-2025 (\$Million)
- Table 60 Indonesia: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)
- Table 61 Indonesia: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)
- Table 62 Indonesia: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)
- Table 63 Philippines: Industrial Automation and Process Control Market Size, by Product Type, 2017-2025 (\$Million)
- Table 64 Philippines: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)
- Table 65 Philippines: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)
- Table 66 Philippines: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)
- Table 67 Other Countries: Industrial Automation and Process Control Market Size, by Product Type, 2017-2025 (\$Million)
- Table 68 Other Countries: Industrial Automation and Process Control Market Size, by Industry, 2017-2025 (\$Million)
- Table 69 Other Countries: Industrial Automation and Process Control Market Size for Process Industry, by Type, 2017-2025 (\$Million)
- Table 70 Other Countries: Industrial Automation and Process Control Market Size for Discrete Industry, by Type, 2017-2025 (\$Million)
- Table 71 Number of Developments by Leading Companies, 2017-2019

## List Of Figures

### LIST OF FIGURES

Figure 1 Research Process

Figure 2 Key Executives interviewed

Figure 3 Primary Research Techniques

Figure 4 Southeast Asia Industrial Automation and Process Control Market Share Analysis, by Key Players, 2018

Figure 5 Where Are The Opportunities for You?

Figure 6 The Product Lifecycle Management to Dominate The Southeast Asia Industrial Automation and Process Control Market During in 2019

Figure 7 Process Industry to Witness Significant Growth in the Southeast Asian Industrial Automation and Process Control Market, 2019-2025

Figure 8 Vietnam to Experience Fastest Growth in The Southeast Asia Industrial Automation and Process Control Market During The forecast Period

Figure 9 Southeast Asia Automation and Process Control Market Size, by Product Type, 2019–2025 (\$Million)

Figure 10 Southeast Asia, Industrial Automation and Process Control Market Size, by Industry Verticals, 2019–2025 (\$Million)

Figure 11 Major Process Industries Operating in Southeast Asia

Figure 12 Major Discrete Industries Operating in Southeast Asia

Figure 13 Leading Adopters of Industrial Automation and Process Control Systems

Figure 14 Southeast Asian Industrial Automation and Process Control Market Size, by Geography, 2019–2025 (\$Million)

Figure 15 Potential Markets for Industrial Automation in Singapore

Figure 16 Singapore: Import of U.S. Industrial Automation Technologies and Products, 2018 (\$Million)

Figure 17 FDI Inflows in Vietnam by Sector, 2018

Figure 18 Economic Scenario in Vietnam, 2018

Figure 19 Government Initiatives & Investments in Thailand for Manufacturing Sector

Figure 20 Malaysia: Number of Establishments by Manufacturing Sub-Sector, 2018

Figure 21 Malaysia: Focus Sectors of Industry 4.0

Figure 22 Economic Scenario in Indonesia, 2018

Figure 23 Export Overview in Indonesia, by Leading Industries, 2016

Figure 24 Philippines Manufacturing Industry Roadmap (2014-2025)

Figure 25 FDI Inflows by Industry in Philippines, 2017

Figure 26 Key Growth Strategies Adopted by Leading Players, 2017-2019

Figure 27 Number of Strategies Adopted by the Leading Market Players, 2017-2019

- Figure 28 Emerson Electric Corporation Developments, 2017-2019
- Figure 29 Panasonic Corporation Developments, 2017-2019
- Figure 30 Honeywell international, Inc. Developments, 2017-2019
- Figure 31 ABB Group Developments, 2017-2019
- Figure 32 Universal Robots Developments, 2017-2019
- Figure 33 Eaton Corporation Developments, 2017-2019
- Figure 34 New Product Launches and Upgradations by Leading Companies, 2017-2019
- Figure 35 Partnerships, Collaborations, Alliances & Agreements by the Leading Companies, 2017-2019
- Figure 36 Expansions by the Leading Companies, 2017-2019
- Figure 37 Acquisitions & Mergers by the Leading Companies, 2017-2019
- Figure 38 Siemens Financial Overview
- Figure 39 ABB Group: Financial Overview
- Figure 40 Fanuc Corporation Group: Financial Overview
- Figure 41 Rockwell Automation, Inc.: Financial Overview
- Figure 42 Emerson Electric Corporation: Financial Overview
- Figure 43 Schneider Electric Se: Financial Overview
- Figure 44 Honeywell international, Inc.: Financial Overview
- Figure 45 Panasonic Corporation: Financial Overview
- Figure 46 Eaton Corporation: Financial Overview
- Figure 47 Scott Technology: Financial Overview
- Figure 48 Yokogawa Electric Corporation: Financial Overview



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