Industrial Automation Equipment Viewpoint Service – Introduction
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Research methodology

There are several steps in updating the Industrial automation equipment viewpoint service (IAE), all which occur simultaneously and include the following methods:

• The data consolidates all the relevant component reports in Omdia team, the base year data are updated using the latest collection from component reports that published within the last quarter.

• During the update process, the forecast is analyzed against the latest quarter’s data and update where appropriate. The forecast data will take recent market influence factors, such as machinery production outlook, capital expenditure, global economic situation, commodity price, and COVID-19, etc.

• Finally, a forecast review session is held with leading Omdia expects to validate changes presented each quarter.

Base- year analysis

• For the purpose of statistical analysis, base year is behind 2 years for edition year. For example, the 2021 edition’s base year is 2019 due to data collection timeliness.

• The base year data will be refreshed according to latest information from component reports during update period. For data continuity and accuracy, historical market size may revise with the adjustment of base year data.
Industrial automation product tracker

**Base Year and Forecast**
- 2016-2019 historical years
- 2020 Base Year
- 6-year annual forecast (2021-2026)

**Measures**
- Revenues ($M)
- Units
- Average Selling Prices (ASPs)

**Regional Markets**
- World
- EMEA
- Americas
- Rest of Asia
- China
- Japan

**Segmentations**
- 50 Industrial Automation Products
- 28 Industry Sectors

**2022 deliverables**

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<th>Project Timeline</th>
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<td>Q1 tracker</td>
<td>March 2022</td>
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<td>Q2 tracker</td>
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<td>Q3 tracker</td>
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<td>Q4 tracker</td>
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Scope and data segmentations (Quarterly Update)

Major regions
- Americas
- EMEA
- Asia Pacific
- China
- Japan

Motors & Motor Controls Equipment
- Motors & Generators
  - Fractional AC Motors
  - Fractional Brushed DC Motors
  - Fractional Brushless DC Motors
  - Integral AC Motors (LV)
  - Integral DC Motors (LV)
  - Low Power Generators
  - Medium Power Generators
  - High Power Generators
  - Medium Voltage Motors
  - Servo Motors
  - Stepper DC Motors
- Motor Controls
  - AC Drives (LV)
  - Brushed DC Drives
  - Brushless DC Drives
  - Medium Voltage Drives
  - Servo Drives
  - Stepper DC Drives
  - Soft Starters & MCCs

Automation Equipment
- Discrete Controllers & Visualization
  - Computer Numerical Controllers
  - Embedded Computer Boards, Modules and Systems
  - Networking Infrastructure Devices
  - I/O Modules
  - Industrial PCs
  - Operator Terminals
  - PLCs
  - Position Control Hardware
  - Remote Terminal Units
  - Machine Vision Hardware
  - Discrete Safety Equipment
- Process Control
  - Distributed Controller
  - Process & Temperature Controllers
  - Process Instrumentation Devices
- Switchgear
  - MCB & RCDs
  - Electro-Mechanical & Solid State Relays
  - Electronic Control Relays
  - Industrial Pushbutton
  - Air Circuit Breakers & Moulded Case Circuit Breakers

Power Transmission Equipment
- Rotary Products
  - Backlash Rated Geared Products
  - Gearboxes
  - Geared Motors
  - Mounted Bearings
  - Un-mounted Bearings
  - Couplings
- Linear Products
  - Actuator- Rodless
  - Actuator- Rod Style
  - Hydraulic Actuators
  - Hydraulic Motors & Pumps
  - Hydraulic Valves
  - Linear Tables
  - Pneumatic Actuators
  - Pneumatic Valves
Scope and data segmentations (Annual update)

Global industrial automation equipment market by product type and industry

- Motors & Generators
- Discrete Controllers & Visualization
- Motor Controls
- Linear Products
- Process Control
- Rotary Products
- Switchgear

Discrete Industry Sector
- Automotive
- Marine
- Food, Beverage & Tobacco Machinery
- Machine Tools
- Materials Handling Equipment
- Packaging Machinery
- Pulp & Paper Machinery
- Printing Machinery
- PV Manufacturing Equipment
- Robotics
- Rubber & Plastics Machinery
- Semiconductor Machinery
- Textile Machinery
- Woodworking Machinery
- Other Machinery

Process Industry Sector
- Cement, Glass & Ceramics
- Chemicals & Pharmaceuticals
- Food, Beverage & Tobacco
- Metals & Mining
- Oil & Gas
- Refining
- Power Generation
- Pulp & Paper
- Water & Wastewater
- Other Process Sectors

Market share analysis by three main product pillars

- Motors & Motor Controls Equipment
- Automation Equipment
- Power Transmission Equipment

Every 1st quarter of the year (next update: March 2022 edition)
Sample report and database
# Sample Files

## Excel Database

- Pivot table with data source (since 3Q21)
- Extended forecast to 2026 (start from 2022 edition)

## Text analysis (ppt/pdf)

- Company profiles analysis (4Q)
- 2022 trends to watch
- Quarterly theme analysis

[Click the Excel icon to see the sample tables]
Quarter analysis topic

1Q Executive insights
• This market tracker reviews the overall industrial automation equipment market’s past and current performance and analyzes its outlook.

2Q Product insights
• This market tracker provides the driving forces influencing the market's growth and product technology.

3Q Industry insights
• This market tracker provides a review of the driving forces and outlook for industry sectors.

4Q Competitive market overview
• It provides an overview of the competitive market, including the status of mergers and acquisitions. In addition, this report provides the top five suppliers’ activities in the current year.
Executive summary: The global market for industrial automation equipment: 2020 (forecast)

Key trends to present the key factors to influencing the market in near term

Regional market Scenarios to provide a more comprehensive market forecast scenario

Automotive sector

Company profile: xx

Competitive market analysis to provides statistical data and strategic analysis of the top 5 suppliers. (Q4 edition)

Industry analysis to present the industry sectors prospective in short and long term (Q3 edition)
Enhance service sample
Mid-quarter market review combined with machinery production analysis

Enhance service

Market insights

Postcard to provide highlight factors in market

SAMPLE
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