Programmable Logic Controller (PLCs) market analysis for semiconductor and component vendors

This comprehensive market analysis will draw upon findings from the detailed 3-volume IHS PLCs report – providing content specifically suited to semiconductor and component suppliers.

For the purpose of this research, revenue, unit shipment, and average selling price data is presented for 2013 and 2014, with forecasts to 2019. The report also identifies trends that will impact the market over the next five years as well as presenting estimated market shares for the leading suppliers of PLCs to EMEA, Americas, Asia Pacific and Japan.

In addition to the complete picture of the PLC market, this report also describes the main electronic building blocks featured inside a PLC. The typical semiconductor content for various types of PLCs is analyzed (e.g. compact, standard etc). IHS also reviews how parameters such as the number of I/O, or communication type impact PLC semiconductor content. A semiconductor forecast is also provided in unit shipment and revenue terms in a pivot table format.

Key Issues Addressed

- To estimate the total size of the PLC market in 2013 and 2014, and forecast the market development over the next 5 years.
- To highlight the best vertical opportunities for the PLCs market over the next five years.
- To measure semiconductor shipments and revenues by various PLC product categories.
- To assess and review parameters that will impact the semiconductor content used in PLCs.

Snapshot of semiconductor forecast pivot table

**Actuals and Forecast**

**Base Year and Forecast:**
- 2013, 2014 Base Year
- 5-year annual forecast (2015 - 2019)

**Measures:**
- Revenues ($M), Unit Shipments, Average Selling Prices (ASPs)

**Regions & Countries Covered:**
- The Americas, Europe, Middle East & Africa (EMEA), Japan, Rest of Asia

**Products covered:**
- Smart Relays
- Compact PLCs
- Standard modular PLCs
- High-end modular PLCs
- Software*
- Services*
  (*Software & Services revenue are excluded from discrete and process industry sector analyses)

**Supplier Market Shares by Product for:**
- World, Americas, Asia-Pacific, EMEA, Japan

**Industry Covered:**

**Discrete:**
- Automotive: Commercial HVACR, Food, Beverage & Tobacco; Machine Tools, Materials Handling Equipment; Packaging Machinery; Printing Machinery, Pulp & Paper Machinery; Robotics; Rubber & Plastics Machinery; Semiconductor Machinery; Textiles Machinery; Woodworking Machinery; Other Discrete Industry Sectors.

**Process:**

**Analysis of Semiconductors in PLCs:**
- Typical architecture of a PLC with its main building blocks
- Parameters impacting a PLCs semiconductor content
- Assumptions for semiconductor forecasts
- Semiconductor revenues and unit shipments in PLCs
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About IHS Technology

IHS Technology combines market, technology and supply chain analysis and forecasts at every operational step of the electronics value chain from strategy, planning and analysis to product design and development and supply chain management.

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Prior to joining IHS, Daisuke worked for US, European, and Japanese Semiconductor companies as a marketing and sales specialist for Industrial, Automotive and Consumer space for over 20 years.

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