Programmable logic controllers (PLCs) are industrial controllers used in nearly every industry. Most new products today are programmable automation controllers (PAC), which enhance PLC functionality with other disciplines integrated on a common platform.

The scope of this report includes PLC or PAC controllers, IO sold by PLC suppliers, operator panels, software, and services.

After two years of robust growth, the market for PLCs and PLC-based PACs will slow down considerably in 2019 as key economies face recession. After a decade of continuous economic expansion driven mainly by China, this slowdown will expose just how much economic interdependencies have shifted.

Automotive, food & beverage, water & wastewater, and pharmaceutical industries are the largest markets for PLCs, but electronics and semiconductor are often the growth drivers for the PLC market with their volatile business cycles. Automotive and aerospace & defense typically drive adoption of new automation technologies. Food & beverage and pharmaceutical markets have the most stable growth as growth is driven by long-term mega trends.

PLCs are traditionally used in discrete manufacturing applications, but in recent years they have been used increasingly in process industries such as water & wastewater, mining, and power generations. For these industries, PLCs enable more scalable plants and have lower lifecycle costs.

In the age of the Industrial Internet of Things, the PLC is becoming part of the “automation edge” as machine builders and end users add intelligent edge devices close to the machine. This evolution will gradually change the way PLCs are designed and deployed in the future.

To address these challenges PLC customers are re-evaluating their control architectures more frequently, creating more frequent migration opportunities for suppliers.

This report helps OEMs, users and suppliers make strategic decisions for selecting a supplier, making go-to market strategies, and understanding current and long-term trends. The report features:

- Buyer strategies
- Supply-side strategies
- Historical trends and analysis
- Analysis of market shares and suppliers
- Factors contributing to growth
- Inhibitors to growth
- Economic trends

RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

For more information, please visit us at www.arcweb.com/market-studies/.