Global Safety Programmable Controllers Market 2016 Share, Trend, Segmentation and Forecast to 2020

Safety Programmable Controllers Market 2016 Global Trends, Market Share, Industry Size, Growth, Opportunities, and Market Forecast to 2020

PUNE, INDIA, July 13, 2016 /EINPresswire.com/ -- Safety Programmable Logic Controllers (PLC) have different functionality than the traditional PLC systems. These controllers provide better monitoring facilities as well as self-diagnostics than the standard PLCs and are in fact, an improvement over the traditional hardwired electromechanical systems. The drivers of programmable safety logic controller adoption includes a set of international standards such as, EN ISO 13849-1/2 (safety of machinery-safety related parts of control systems), IEC/EN 62061 (safety of machinery—functional safety of electrical, electronic and programmable electronic control systems), and IEC 61131 (programmable logic controllers). With the existence of these safety standards, the industry has started moving faster towards incorporating new safety technologies into their products.

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Safety Programmable Logic Controllers have dual microprocessors and circuits for synchronous detection and constant monitoring of Flash and RAM. The standard PLC inputs have no means of testing the functionality of their input circuits, while programmable safety controllers actually do.
Global Safety Programmable Logic Controllers market is estimated to be worth $4.99 billion in 2015 and is projected to grow at a CAGR of 6.90% during the forecast period to reach $8.52 billion by 2020. Need for functional flexibility, demand for safe equipment, industry safety

standards and cost effective systems are some key factors driving the growth of the market.

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The Global Safety Programmable Logic Controllers market is broadly segmented on the basis of types, end users and geography. On the basis of types, the safety programmable controllers market has been segmented into Modular, Compact and others. On the basis of its end users, its applications could be explained under segments such as Automotive, Energy and Power, Manufacturing, Pharmaceutical, Food and Beverages, Oil & Gas and others.
Some of the market players mentioned in the report are Rockwell Automation, ASTRE Engineering, Siemens, ABB, SICK Group, Schneider Electric and more.

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Table of content
1. Research Methodology
2. Executive Summary
3. MARKET OVERVIEW
3.1 Overview
3.2 Industry Value Chain Analysis
3.3 Industry Attractiveness - Porter's 5 Force Analysis
3.3.1 Bargaining Power of Suppliers
3.3.2 Bargaining Power of Consumers
3.3.3 Threat from new entrants
3.3.4 Threat from substitute products
3.3.5 Competitive rivalry within the industry
3.4 Industry Policies
4. MARKET DYNAMICS
4.1 Introduction
4.2 Drivers
4.2.1 Need for Functional Flexibility
4.2.2 Industry Safety Standards
4.2.3 Demand for Safe Equipment
4.2.4 Cost Effective Systems
4.2.5 Need for Simplified Configuration
4.3 Restraints
4.3.1 Complexity of Standards
4.3.2 Training Costs
4.3.3 Stocking Costs
4.3.4 Maintenance Costs
4.3.5 Lack of Availability

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