
Description: Programmable automation controllers (PACs) are the combined features of more traditional automation technologies such as distributed control systems (DCSs), programmable logic controllers (PLCs), personal computers (PCs), and remote terminal units (RTUs).

PAC identify the new generation of industrial controllers which feature the high performance CPU, PC openness, powerful software functionality and rich memory, and PLC's reliability. Use of PAC's will continue to shift the importance toward open communication standards and software integration with less focus on the hardware. As users become more focused on the total system performance rather than the hardware selection, PAC's will become more demanding by customers who are not fulfilled by traditional PLC's particularly when they want more than simple discrete I/O control function.

The PAC Programming Software Market rises at a compound annual growth rate (CAGR) of XX.X percent from 2015 to 2020.

The Global PAC programming software market is segmented on the basis of software types, product category, end user, and geography. In terms of types, market is divided as:

- HMI (human machine interface) software
- Advanced Process Control (APC)
- OPC server
- Database connectivity
- Asset management
- Integrated Development Environment (IDE) and others.

Further, the PAC programming software market is categorized by solution types such as:

- Open PAC System
- Compact PAC system
- Distributed PAC system.

The global PAC programming software market end users are oil and gas, electric power, controlling and monitoring and many others.

Rising automation needs and technology advancement are the key factors which support the growth of the Global PAC programming software market.

Numerous products are available in the PAC programming software market such as IEC programming Software, Logic Configuration software, and others.

The PAC Programming Software Market is highly competitive as some of the key participants are Schneider Electric, OPTO 22, Eaton, Hitachi, Siemens, Honeywell, Rockwell Automation, Ascon Corporation, Wonderware, National Instruments, Control Engineering and others.

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