

PORTFOLIO

ABB Ability™ Control Technologies



Freelance

The power and reliability of a Distributed Control System (DCS) in a user-friendly, cost effective and robust solution, ideal for all process industries. All the capability of a DCS at the size and price of a Programmable Logic Controller / Supervisory Control and Data Acquisition (PLC / SCADA) system.

- Easy to install, engineer, operate and maintain
- System of choice for small to medium applications



Compact Product Suite

A comprehensive suite of flexible and scalable control products for a diverse range of customers, such as Systems Integrators, original Equipment Manufacturers (OEMs) and end users who engineer their own systems or standalone solutions that meets their specific automation needs.

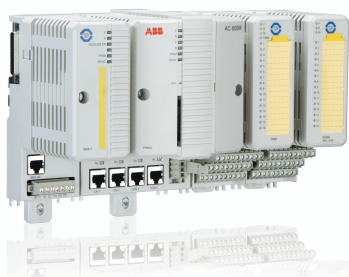
- Process Controllers with superior analog control capability
- For small applications in varied industries and OEM opportunities



Factory Automation

The AC500 PLC series provides solutions for discrete automation in high speed and extreme environment applications. Our AC500 platform offers multiple performance levels and communication interfaces that makes it the ideal choice for controlling the whole factory.

- AC500 PLC platform offers interoperability and compatibility in hardware and software for the entire 500 series



Process & Machine Safety

Process Safety : ABB's Independent High Integrity Safety System is TUV Certified for Safety Integrity Level (SIL) 3 applications, where deep integration with the Process Control System is not required. These situations include:

- Relay replacements
- Systems where visualization is provided by a process panel
- Simple Human Machine Interface (HMI) systems with an interface to one of ABB's or third party control systems



Machine Safety

ABB's AC500-S Safety PLC for Machine Safety applications, offers the unique CPU module SM560-S which is optimally designed with extensive diagnostic functionality as per the safety norms to meet SIL3 (IEC 61508, IEC 62061) & PL e (ISO 13849-1) standard of functional safety application.



Recorders & Controllers

ABB has developed a comprehensive family of process control instrumentation that provides high quality process control and data recording.

- Control Masters - Controller
- Control Masters - Process Indicators
- Process Recorders
- Video-Graphic Recorders
- Field-mount Controllers

ABB is a global leader in power and automation technologies. As one of the world's leading engineering companies, we help our customers use electrical power efficiently, increase industrial productivity and lower environmental impact in a sustainable way. ABB's portfolio includes electrical, automation, controls, and instrumentation for power generation and industrial processes, power transmission, distribution solutions, low-voltage products, robots and robotic systems.



Power Grids



Robotics & Motion



Electrification Products



Industrial Automation

Industrial Automation

ABB's Industrial Automation "IA" division delivers integrated solutions for control, plant optimization, and industry-specific application knowledge and services to help process industry customers worldwide meet their critical business needs in the areas of operational profitability, capital productivity, risk management and global responsibility. These industries include oil and gas, chemicals, power, water, pulp and paper, metals, mining & minerals, cement, life sciences, food & beverage, marine and turbocharging.

Channels to market

ABB Industrial Automation sells automation systems direct to market and through channel partners. On the channel partner side of our business, we sell through distributors and deliver collaborative projects through authorized system integrators. Distributors and system integrators have become an increasingly important part of ABB's channels to market strategy. ABB is committed to its multichannel approach to market and is working to improve our channel partner program to streamline it across all ABB businesses.

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