



The world's first fully integrated automation system

ABB's Industrial^{IT} Extended Automation System 800xA is the world's first automation system to integrate process control with other automation applications. Launched in January 2004, more than 300 systems have already been ordered by customers worldwide.

System 800xA is the first automation platform to integrate the core automation system in a plant (the process control system) with all the other applications essential to plant productivity and efficiency – such as engineering, documentation, quality control, safety, smart instrumentation, asset optimization and maintenance management.

The automation industry standard

“Microsoft Office became the de facto industry standard (for office software), and eventually there will be a de facto process automation industry standard; ABB has delivered a strong contender,” writes Walt Boyes, of Control Magazine.

The system gives users access to the full capability of each system from a single interface that has been configured to present information in a context suited to the needs of individual users.

Previously, each system could only be accessed separately, which is a costly, time-consuming and inefficient process. With System 800xA, real-time information in these multiple systems can be accessed, modified and reused from a single entry point.

The single-entry design and a copy-and-paste capability for functional blocks of the automation system means customers can easily transfer their best practices from system to system, factory to factory, and country to country. System 800xA is as much an enterprise-wide, as a plant-wide, solution.

Evolution through enhancement

Based on ABB's patented Aspect Object™ technology and fully compatible with earlier ABB automation systems, System 800xA offers a unique building block approach to system evolution. Customers can add new functionality and migrate to larger configurations without having to "rip and replace" their existing systems.

The marketplace has been quick to respond.

In the first six months of 2004 alone, ABB took orders for more than 300 of these systems in petrochemicals, chemicals, pharmaceuticals, biotechnology, pulp and paper, power generation, water, metals, mining, food and beverage, and others.

Customers include Schering Plough for a pharmaceuticals facility in Ireland, OM Group Inc. for a chemicals plant in the U.K., the Swedish State Power Board for hydropower plants in Sweden, Chinese Petroleum Corporation for a petrochemicals plant in Taiwan, and Norsk Hydro for the Ormen Lange gas field in the North Sea.