AC 800M controller evolution for Satt products and systems

The IndustrialIT evolution solution for a new era of process automation and control
Choose your own route
Whatever your upgrade needs, AC 800M with IndustrialIT solutions will meet them. And with step-by-step capital investment, you also stay in full control of costs. It's the sensible alternative to rip and replace. It naturally allows a wide range of growth strategies at the same time.

Human system interface and control levels are both enhanced to give across-the-board improvements. For example, you will be better able to supervise, detect and take preemptive action before problems occur, and reuse existing controllers, I/Os, field-devices and other infrastructure elements.

AC 800M controller platform brings the benefits of IndustrialIT to Satt control systems

AC 800M control and I/O products are powerful and versatile solutions equally effective for small hybrid systems as for large, integrated automation applications. They give higher returns on assets by improving overall production control, maximizing process availability, and minimizing maintenance.

AC 800M controller is the ideal platform for migrating your trusty PBS or Satt products and systems (PBS or SattCon PLC and SattLine DCS) several steps upwards on the evolutionary scale, thereby acquiring the full benefit of IndustrialIT.

IndustrialIT Process Portal™ operator interface, for example, is the perfect upgrade from Satt-Scope/Satt-Graph equipment.

Furthermore, AC 800M lets you enjoy all the advantages of Aspect Object™ technology – the gateway to the entire IndustrialIT suite of process and management optimization tools.

Step-by-step upgrades supported by a simple switch to new technology.
Use information for more profitability
Compact Products 800 or System 800xA delivers via AC 800M a consistent flow of reliable information throughout your entire organization. Everyone involved in managing, running and maintaining the plant has accurate, up-to-date data on which to base decisions. Instead of concentrating on how and where to find information, all they now have to do is use it.

Shorter lead-times, improved consistency, better quality, faster decisions, higher throughput, less downtime – the benefits are many. Maximum plant utilization and greater business profitability are the real rewards. Compact Products 800 and System 800xA functionality integration with Satt products and systems meet growth demands and enjoy low-cost maintenance.

Safe and controlled upgrades
Our StepUp Program lets you evolve existing 19” PBS and SattCon controllers to the high performance AC 800M series controllers. AC 800M connects easy to your installed SattCon I/O, existing panels and field-wiring. In addition, AC 800M puts you on the right controller level for new expansions with our modular S800 or S200 central or remote I/Os.

Backward compatibility is available to Satt users at both operator and controller levels. For example, AC 800M replaces SattCon 200 while retaining the S200 I/O and field-wiring. Similarly, the existing SattCon PLC (including I/O and field-wiring) remains intact when replacing SattGraph HMI with Compact HMI 800, the ready-for-work interface from our Compact Products 800 series.

Protecting client investments
ABB’s Life Cycle Policy uniquely protects your investments. Our products are future-proof and supported by step-by-step development programs for industrial processing. For example, conversion tools and services allow cost-effective and safe evolution from PBS or DOXi10-coded controller applications to the latest controller software. This without having to spend lots of time and money.

Secure access to support and spare parts
Upgrading Satt with control products and systems from ABB offers secure and cost-effective access to support and spare parts. This promotes lower maintenance costs and minimizes the risk of production shutdowns.

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Evolution solutions – an essential part of your future

Being competitive in today’s business environment requires continuous productivity improvements. ABB thus supports its installed base of Satt products and systems (PBS, SattCon PLC and SattLine DCS) with evolution solutions for some of its world-leading control products, systems and software (e.g. Compact Products 800 and Extended Automation System 800xA).

This provides Satt users with IndustrialIT technology and solutions that secure sustainable competitive advantages by enabling plants to perform smarter and better at lower costs.

Complete range of control products

ABB offers a complete range of control products for demanding applications - from individually programmable controllers to complete control systems for complex plants. These products are sold and supported by the worldwide network of ABB.

To learn more about how our products can improve your operation, contact your local ABB office or visit our website at: www.abb.com/controlsystems

For the latest information on ABB visit us at www.abb.com