

The ABB StepUp Evolution Programs allow you to “step-up” from your existing Network 90, INFI 90 and INFI 90 OPEN automation systems to new higher performance Human System Interfaces, system engineering tools, controllers, control networks, and power systems.

This program also provides seamless migration to Industrial IT products and to continuously evolve your system to new levels of control and plant information management.

Now you can take advantage of the latest system performance capabilities:

- Increased engineering efficiency
- Improved operator effectiveness
- Higher process control performance
- Higher control network performance and reliability
- Improved system power efficiency and reliability, lower maintenance and reduced system downtime

Increase Engineering Efficiency

Product: Composer

- Integrated suite of system application tools (control logic, graphics, Batch)
- Reduced time for control logic development, change management and troubleshooting
- Native Windows application easily integrates with other tool applications to provide total process view
- Simpler and familiar navigation
- Manages a multi-user engineering environment
- Improved library management
- Customer's existing system configuration is preserved

Improved Operator Effectiveness

Product: Maestro

- Friendly, familiar Windows navigation
- Operator personalizes views of the process
- Improved alarm handling (navigation, filtering, partitioning)
- “Fingertip” access to plant information
- Customer's existing process graphics and configuration are preserved

Integrated process and plant views:

- Plant documentation
- Plant and equipment maintenance records
- Business systems
- Inventory systems

Higher Process Control Performance

Product: Harmony Bridge Controller

- Improved control logic execution and performance
- Reduced system downtime
- Online system logic configuration changes
- Downloadable (soft) firmware updates
- Support for redundant I/O
- Supports both installed Rack I/O and new function Block I/O
- Customer's existing control logic configuration, I/O and field wiring are preserved

Higher Control Network Performance and Reliability

Product: Cnet Network

- Higher process control performance and reliability
- Redundancy provides reliable and uninterrupted process control
- Automatic communications recovery
- Reduced process downtime provided through enhanced network diagnostics

Improved System Power Efficiency and Reliability, Lower Maintenance and Reduced System Downtime

Product: Modular Power System II

- Total modular design
- Power factor compensated
- Optional 2N redundancy design
- On-line replacement of power modules
- Complete diagnostics including fans and temperature
- Flexible power inputs

Benefits

Here are just a few of the many benefits you will receive from the StepUp Programs:

System/Process

- Process optimization
- Improved reliability/lower maintenance costs
- Ability to meet new regulatory requirements and/or government reporting

Business

- Higher production yields
- Lower production costs
- Lower plant maintenance costs

Programs are supported by a two to three year evolution planning process conducted with our customers:

- Simpler, improved yearly budgeting
- Coordinated plan for system upgrades and plant shutdowns

Installation and Support Services

ABB makes it easy to upgrade. Our experienced process specialists will analyze your process and furnish StepUp recommendations that fit your individual process and business needs.

ABB offers a full suite of installation services. These range from a simple telephone consultation, to complete installation and startup services.