Migration Guide for Series 90* Control Systems
Moving to the Future with PACSystems’ RX3i Control Platform
An estimated $65 billion of process automation systems are at or near the end of their lifecycles. Most of them have been running for more than 20 years. Decades-old components don’t last forever.

Your OEM service provider can provide a complete, customized migration for your operation. If you are currently using a Series 90-30 control system, planning, initiating and implementing installation is possible with very little disruption. An automation system migration often takes less than three hours and can usually be completed while keeping your operations up and running.

As one of the biggest equipment manufacturers in the world, GE has addressed the challenges of an aging infrastructure and an aging workforce head-on, with revolutionary control systems that are easier to operate, understand and configure.

If you’re looking to overcome obstacles created by your obsolete control system, such as limited parts availability, increased downtime, and increased regulation, look no further than Automation & Controls solutions from GE.

A Footprint for Operational Intelligence

Taking advantage of the latest tools and technology is critical to keeping pace with rapid growth and maintaining your competitive edge. Leverage the power of a PACSystems RX3i system to benefit from higher speed, advanced performance capabilities and much greater efficiency in managing distributed assets.

- Improve productivity
- Extend asset lifecycle
- Enhance user experience
- Increase system security
- Access data anytime, from anywhere

If you’re relying on obsolete machines and refurbished parts to keep your systems up and running, it’s time to start putting together a migration plan.
The Path to Operational Excellence

Designed with legacy Series 90-30 control in mind, PACSystems RX3i is the right foundation for remote monitoring and diagnostic capabilities. Advanced control capability provides the operational intelligence needed for real-time asset status to circumvent potential issues before they arise. With nearly half a million units deployed, the PACSystems RX3i is cyber-hardened, rugged, and built on a future-proof embedded platform for guaranteed longevity.

Automated conversion
Modernized industry-standard communications protocols provide flexibility, secure connectivity and the ability to easily adapt to the evolving capabilities of the Industrial Internet.

Upgrades for improved profitability
Secure, industry-standard communication protocols and inherent modularity provide the flexibility to adapt to and benefit from the continually evolving capabilities of the Industrial Internet.

Minimal wiring changes
Transitioning legacy wiring is simple and intuitive if you are moving from Series 90-30 to PACSystems RX3i.

Pre-engineered gateways
Migrate at your own pace. GE has created gateways that allow for phased migrations.

Achilles security
GE’s next-generation control systems are achilles certified, and provide greater peace of mind in today’s cybercentric industrial environments.

Future-Proof your System for Greater Reliability

Leverage the power of the Industrial Internet and benefit from higher speed, higher performance and much greater efficiency in managing distributed assets. GE can provide tighter process control through faster components, simple plug-and-play connections and precision, network-based data management tools that are built to stand the test of time.

The Benefits of Connected Control

- Built-in security technology that continuously updates against latest cyber-threats
- Actionable Intelligence, anytime from anywhere
- Substantial improvement of visibility into equipment performance
- Improved asset availability
- Ability to plan and schedule maintenance intervals without downtime
- Advanced diagnostics for prediction and analysis of issues long before they affect productivity and reliability
- Improved services capacity utilization

The Right Strategy to Upgrade your Critical Control System

Critical power systems rely on secure connected control. Dated control systems should be updated to ensure reliability.
Don’t wait. Get started today.

A PACSystems RX3i migration can quickly and easily transform your outdated control system into an Industrial-Internet-ready control system. There are a lot of reasons to get started. Series 90-30 controllers are mature and components are rapidly becoming obsolete. It’s easy to upgrade without changing I/O with minimum downtime and little effort. Eliminate the challenges associated with your aging control system:

**Increased cyber risk.** Older systems aren’t cyber hardened. In today’s ever-changing security environment, risk is not an option.

**Costly downtime.** As components age, the risk of failure increases.

**Lack of availability.** Electronics age and technology advances. Diminishing demand for old product makes the supply chain fragile.

**Lost knowledge.** The experienced technicians that keep old technology working are retiring. Invest long-term by getting the next generation trained on today’s advanced controls technology.

**Diminished productivity.** Don’t fall behind competitors who deploy mobility, remote monitoring, and better workflow solutions.

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