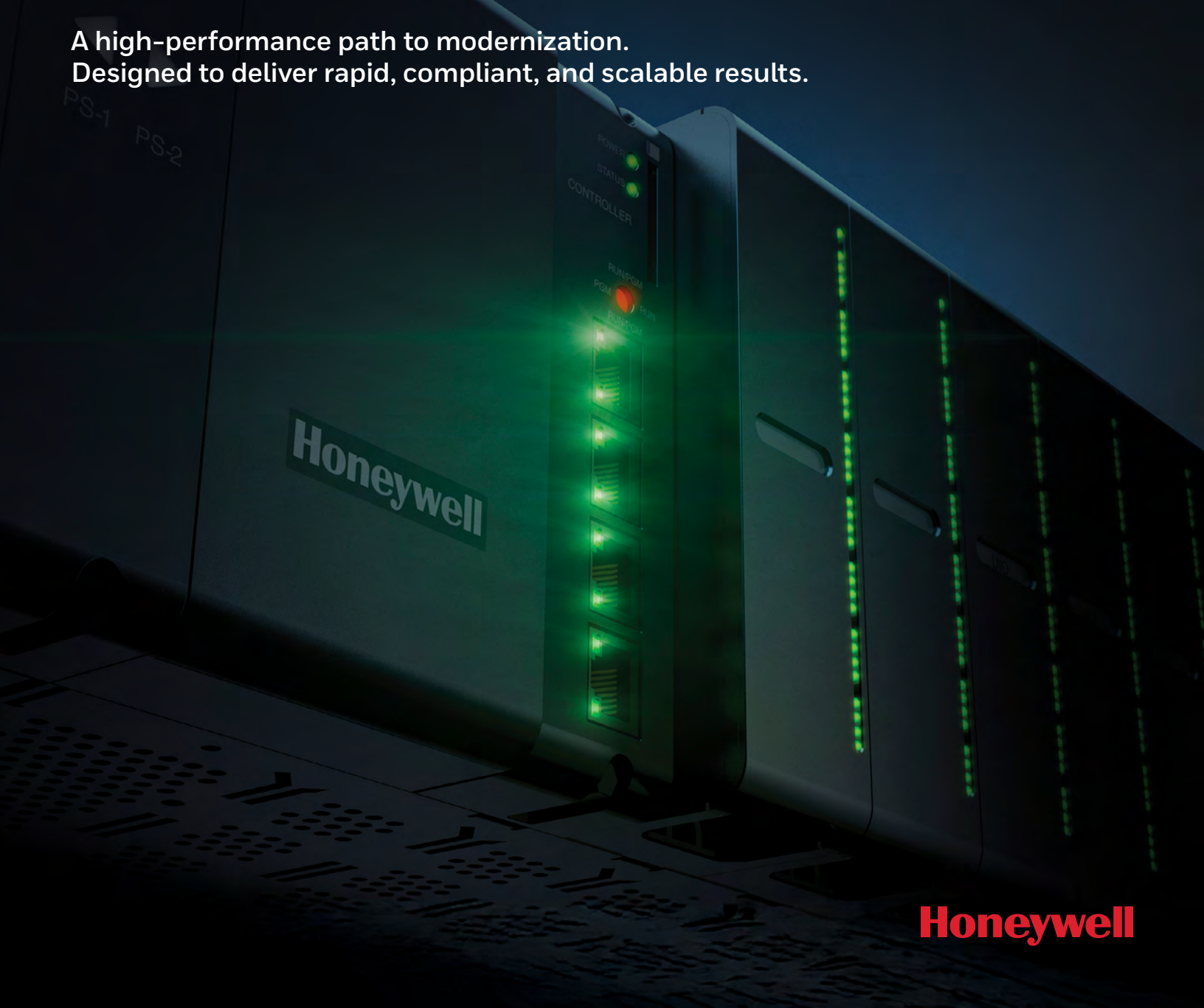


ACCELERATE PLC MODERNIZATION WITH AN INTELLIGENT ENGINEERING APPROACH

A high-performance path to modernization.
Designed to deliver rapid, compliant, and scalable results.



Honeywell

THE COST OF STANDING STILL – WHY LEGACY PLCs ARE HOLDING YOU BACK

Today's industrial plant operators face a choice: Continue patching legacy controllers or invest in a modern foundation for operational excellence. Existing PLCs may still function, but they come with hidden costs that compound daily.

Aging controller hardware becomes difficult to manage and more expensive, and the continuing support comes with challenges. Firmware vulnerabilities expose the plant to growing cybersecurity risks. And the knowledge needed to maintain these systems diminishes with every retirement.

Older PLCs not only restrict operational agility but also inhibit the ability to

integrate with modern systems, scale production or to meet tightening compliance standards. The result is increased unplanned downtime risk, higher operating costs, and declining competitiveness in a market that demands digital agility.

The reality is simple: Older PLCs limit the ability to modernize operations, integrate systems and respond to

operational change. Honeywell understands this challenge. We address the need for modernization without starting from scratch – preserving existing investments where possible while driving higher performance. Our approach is to reduce risk, protect intellectual property, and deliver a lower total cost of ownership through efficient reuse and seamless integration.



THE INTEGRATED ADVANTAGE

A truly modern migration strategy isn't just about replacing hardware; it's about redefining how migrations are planned, executed and supported. Honeywell's integrated approach brings together the power of ControlEdge™ UOC and Experion® PKS C300 controllers with advanced engineering tools and decades of experience to deliver unmatched efficiency and control.

ControlEdge UOC is a next-generation controller designed to keep operations connected, secure, and efficient. It helps simplify maintenance, improve performance, and enable upgrades from older PLC systems. With built-in cybersecurity certified to ISASecure® Level 2, it connects safely and seamlessly

to the equipment, such as smart motors and drives. ControlEdge UOC offers powerful and flexible control features, and fits easily into both new and existing cabinets, making installation and upgrades straightforward.

Rather than dealing with siloed tools and time-consuming rework, operators and engineers benefit from a unified engineering environment where control logic, graphics, diagnostics and data converge into one streamlined workflow. With a single source of truth across the lifecycle, your plant achieves not just an upgrade – but a platform for long-term resilience and agility.

KEY BENEFITS INCLUDE:

- **Up to 80%** reduction in integration effort by preserving existing tag structures.
- **Up to 50% lower** controller maintenance through self-diagnosing tools and prioritized support.
- Built-in cybersecurity certified to **ISASecure Level 2** standards.



THE POWER OF ADVANCED ENGINEERING SOLUTIONS

| A new era of engineering efficiency.

Today's process plants demand faster, smarter project delivery. Honeywell answers this call using unique methodologies like iDefine that provides a powerful model-based, rules-driven engineering environment automating up to 70% of traditional tasks. Instead of reconfiguring logic and graphics from

scratch, iDefine captures, converts and validates control logic with precision, freeing engineering resources to focus on innovation – not repetition. In essence, it makes the invisible completely visible.

This digital engineering layer transforms your migration project from reactive retrofit to proactive

optimization. Whether replacing a few legacy units or replatforming an entire facility, Honeywell ensures consistency, speed and confidence throughout the migration process.

THE iDEFINE ENGINEERING APPROACH



CAPTURE

Extract from controller backup.



DEFINE

Review and define.



AUTOMATE

Auto-generate documentation.



VALIDATE

Functional testing.



WHY CHOOSE CONTROLEDGE UOC

| The environment for sustainable value.



Digital transformation in process automation doesn't succeed through technology alone; it requires the right foundation. ControlEdge UOC, combined with Honeywell's advanced engineering tools, delivers that foundation by aligning intelligent software with reliable, scalable hardware. This dual-layered approach empowers operators and engineers to execute modernization projects with speed, precision and long-term confidence.

Honeywell unlocks the modernization project's full potential and removes complexity from engineering by automating the generation, validation and deployment of control logic and visualization. Rather than engineering from scratch, teams can configure once and deploy repeatedly.

ControlEdge UOC provides the physical and logical backbone of your modern control infrastructure. Its modular design supports seamless integration with existing systems, with built-in cybersecurity and extended lifecycle support to ensure it stands the test of time.

This efficiency results in faster turnaround, fewer errors, and dramatically reduced project overhead. Honeywell's modernization methodology together with ControlEdge UOC turns each migration into a repeatable, scalable process – no matter the plant size, complexity, or vendor history.

A modernization experience that is not only technically robust, but commercially sustainable, with significant benefits:

- Elimination of dual HMI/licensing costs across PLCs and control systems.
- Pre-built logic templates and graphic library for fast rollout.
- Consolidated support contracts and long-term upgrade pathways.

MODERNIZING WITH CONFIDENCE

| Migrating obsolete controllers with Honeywell.

Upgrading aging infrastructure and outdated PLCs can feel complex, risky, and disruptive, leading many organizations to delay modernization. Honeywell removes this uncertainty with a proven, structured migration approach built on our Global Project Methodology coupled with our unique engineering tools including iDefine. The result is a clear, efficient process aligned to your business goals, so you can move forward with confidence and minimal disruption.

From initial planning through long-term support, Honeywell delivers consistent and predictable results. We work closely to define requirements, design solutions tailored to your operations, and implement them smoothly with minimal impact on production. Every system is thoroughly tested to ensure safety and performance, and ongoing support helps maintain reliability over time. This standardized approach reduces risk, strengthens compliance, and shortens project timelines.

Modernization begins with a nonintrusive assessment to map your existing system. Using Honeywell engineering tools, we automate the conversion of legacy programming by capturing existing logic, validating performance, and generating ControlEdge UOC configuration. By preserving your operational knowledge while removing uncertainty, Honeywell provides a faster, more reliable path to modernization with clear, measurable results at every stage.



REALIZING THE VALUE

| Key benefits for users of legacy PLCs migrating with Honeywell.

Upgrading legacy controllers is not just a technical necessity, but a strategic imperative. Honeywell brings customers an approach engineered to preserve what works, modernize what's needed, and unlock long-term operational gains.

Unlike traditional migrations that rely heavily on manual rework, Honeywell delivers a structured, repeatable process that accelerates delivery, reduces engineering effort, and minimizes downtime. Honeywell's approach enables users of legacy PLCs to retain

their intellectual property, maintain functional continuity, and move forward without compromising regulatory compliance or process knowledge. We turn complex legacy transitions into simple, managed journeys that are fast, auditable, and value-driven.

KEY BENEFITS OF MIGRATING WITH HONEYWELL INCLUDE:

- Seamless integration with Honeywell Experion PKS for unified control and visibility.
- Reuse of existing logic, tag names, and displays, saving time and preserving operator familiarity.
- Centralized, standardized engineering across control layers.
- Full traceability and compliance support for regulated industries.
- Shorter project timelines and lower lifecycle cost of ownership.

MIGRATION PATH OPTIONS

Every facility has its own migration rhythm, whether driven by safety, cost, capacity, or compliance. That's why Honeywell offers flexible execution models tailored to your operational constraints. From phased, hybrid deployments to fast rip-and-replace conversions, we minimize disruption while maximizing reuse of wiring, terminations, and panels.

Our modernization approach supports PLCs from all major vendors.

WHY HONEYWELL?

Your partner in long-term modernization success.

Digital transformation doesn't stop at system deployment; it lives and evolves across decades. At Honeywell, we recognize that modernization is not a one-off project but an ongoing journey of performance improvement, safety assurance and future-readiness. That's why we don't just provide tools, but stand behind them with the vision, support, and innovation to guide you every step of the way.

Honeywell has earned its place as a trusted automation partner through more than 50 years of control system expertise. We continue to support systems that have been in operation for decades, while developing cutting-edge technologies that power tomorrow's intelligent, autonomous operations. From migration readiness assessments and future-state design, to postdeployment optimization and lifecycle service, we're committed to delivering outcomes, not just infrastructure.

Our depth of control system knowledge, paired with 40+ years of experience delivering thousands of migration projects across 70+ countries engineering environment, means fewer partners, less risk, and more consistent results. Whether you're navigating complex regulatory environments or planning for long-term asset performance, Honeywell gives you the assurance that your investment is secure and your future is scalable.

READY TO ELIMINATE OBSOLESCENCE AND ACCELERATE PERFORMANCE?

Let's start your migration conversation. Contact your Honeywell representative to request a personalized strategy workshop today.

For more information

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

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