

REMOTE MIGRATION SERVICES

Address Essential Obsolescence and
Cybersecurity Concerns while Minimizing Risk



Honeywell

As a leading automation technology supplier, Honeywell recognizes that an effective controls modernization strategy is essential to help customers reduce total cost of ownership, increase production rates, meet regulatory guidelines and manage risks, extend the life and performance of systems, and improve response to changing business demands.

RELY ON EXPERT ASSISTANCE FOR TECHNOLOGY UPGRADES?

At modern industrial facilities, failure to address looming obsolescence issues could lead to crucial assets being rendered inoperable. Financial loss or possible unsafe operating conditions from an unplanned outage could far exceed the upgrade cost for a legacy investment.

Increasingly, plant owners are faced with:

- Managing operations with reduced onsite staff
- System component failures and resulting downtime
- Limited access to onsite subject matter experts

Only those organizations with a solid roadmap for ongoing control technology upgrades can mitigate risks and drive plant operations seamlessly without unnecessary disruptions.

HOW HONEYWELL'S SOLUTION HELPS YOU

For plant owners/operators, Honeywell's Remote Migration Services reduce control system modernization time and effort in the field and improve the overall migration experience. The services deliver key benefits such as:

- Reduced overall migration risk
- Less on-site engineering effort
- Reduce overall upgrade execution cycle
- Efficient project workflows
- Fewer disruptions and downtime
- Improved migration confidence



SIMPLIFY CONTROL SYSTEM MODERNIZATION PROJECTS

Honeywell's Remote Migration Services address the risks and issues of technology obsolescence remotely. They are intended for Experion® and Experion TotalPlant™ Solution (TPS) users who need to modernize their control system to the Experion R511.2 release or later.

Our Migration Center of Excellence (CoE) experts perform control and safety system upgrades on a 24x7 schedule. This type of migration is done in-house on Honeywell's Open Virtual Datacenter, which can be accessed remotely by technical support specialists along with local Honeywell

staff and on-site customers—during a time that suits all parties—to enable the fastest migration possible.

The Remote Migration Services offer Experion L2 node migration on an off-site basis with only the deployment of migrated images done on site. The remainder of the controller upgrade and I/O flashing is done at the facility.

ENSURE YOUR ASSETS ARE "MIGRATION READY"

Before controls upgrades can begin, plant owners must ensure they are truly "migration ready." Most legacy systems have grown intellectual property organically through thousands of manhours of engineering work.

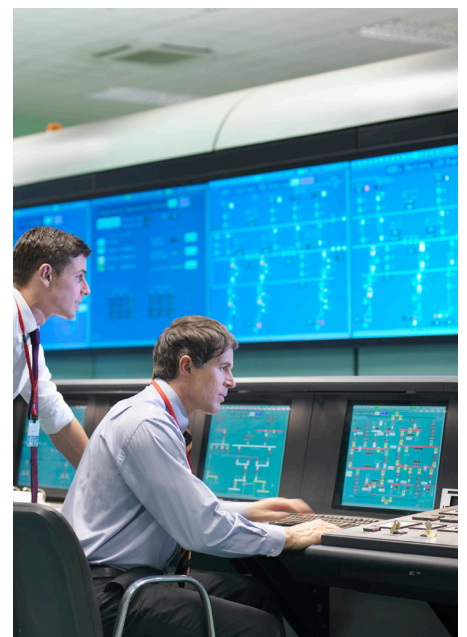
With Honeywell's help, control system end users can:

- **View the Control Architecture -** Using advanced software solutions such as Honeywell's System Inventory Tool (SIT), industrial firms can gain a better understanding of the starting point for controls upgrades. The tools provide a clear picture of the control architecture and its key components and show the interactions between different elements of the system.
- **Determine Existing Assets -** The SIT collects asset data, which is then hosted in a secure Honeywell data center for easy viewing through a System Inventory Portal. Users gain insight into the hardware components in each control system, thus avoiding lengthy delays to gather the right information when the system needs to be supported or expanded.
- **Collect Relevant Data -** Honeywell employs a powerful data aggregator tool to collect relevant configuration items for review. The Experion Migration Assistant customer portal and data

collection has been enhanced to detect database inconsistencies. This solution minimizes on-site activities during the entire migration process.

- **Visualize the Entire System -** Providing customers with the ability to visualize the entire control system database in one view increases awareness, which, in turn, leads to better decision making. Upgrades can be done without production system shutdown and preserving intellectual property.
- **Optimize Test Procedures -** Honeywell engineers perform the software migration and then invite the end user to test the new software release. The Configuration Acceptance Test is the customer's way of approving the new release prior to introducing it into their production system. This service also allows for a remote approach to Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT).
- **Minimize Potential Errors -** Honeywell's Remote Migration Services minimizes potential risk and errors in migration of the customer's production system, and instead relies on our datacenter to enhance operational safety, reliability and availability.

- **Prepare for New Opportunities -** Honeywell customers that migrate to a modern system can integrate control, safety and auxiliary systems. And, they can respond to new business opportunities, expand capacity, and make use of new applications and solutions for advanced process control, asset management and production management.



HOW REMOTE MIGRATION IMPROVES THE BOTTOM LINE

Experience shows that remote migration can reduce upgrade execution schedule by as much as 50 percent, lower customer activities by 20 percent due to reduction of on site activities and improve migration productivity by at least 60 percent. It also enables customers to take advantage of Honeywell's latest enhanced cybersecurity capabilities and control technology improvements.

Manufacturers no longer have to delay their technology initiatives due to unforeseen disruptions to normal operations; beyond traditional on-process migration, the latest technology advancements allow them to perform system modernization on cloud just like a simple update. They can also leverage value-added support on a remote basis without putting their personnel or plant at risk.

NOW'S THE TIME TO UPDATE YOUR SYSTEM

With severe challenges making it harder run plants efficiently, profitably and safely, industrial organizations can rely on innovative remote technologies to leverage their workforce and control assets to keep their businesses moving forward.

Thanks to Honeywell's Remote Migration Services, essential control system upgrades don't have to be delayed. Plants can deploy advanced remote solutions to enhance their operations and improve their business results.

Contact Honeywell to get started with Remote Migration Services today.

For More Information

To learn how Honeywell's Remote Migration Services improve performance and reduce risk, visit www.honeywellprocess.com or contact your Honeywell account manager.

Honeywell Process Solutions

1250 West Sam Houston Parkway South
Houston, TX 77042

Honeywell House, Arlington Business Park
Bracknell, Berkshire, England RG12 1EB UK

Shanghai City Centre, 100 Zunyi Road
Shanghai, China 200051

www.honeywellprocess.com

BR -20-35-ENG | 06/2020
© 2020 Honeywell International Inc.

THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell