Honeywell Technologies

September 28, 2026

Product Discontinuation and Transition Notice

PWMR Series 3 Mercury SIOs / Subpanels

Product Introduction

PWMR Series 4 Mercury SIOs/ Subpanels

Dear Partners and Integrators,

As part of our commitment to delivering resilient, secure, and future-ready access control solutions, Honeywell Technologies is announcing an important hardware lifecycle milestone involving the Authentic Mercury Series 3 SIO family.

This notice serves to inform you that **Honeywell Technologies will discontinue the sale of PWMR Mercury Series 3 subpanels (Authentic Mercury boards) effective December 31, 2026, or until inventory is depleted, whichever occurs first**. Orders will be fulfilled on a first-come, first-served basis.

These legacy SIOs will be succeeded by the next-generation Mercury Series 4 SIO platform. Series 4 provides greater processing power and a secure-by-design architecture while retaining compatibility with the Authentic Mercury architecture, subject to the software, firmware, and feature limitations described in this notice.

Existing Pro-Watch PWMR Mercury Series 3 subpanels are intended to be replaceable with the corresponding PWMR Mercury Series 4 subpanels, subject to successful qualification and the approved Pro-Watch software, controller firmware, SIO firmware, and deployment configuration. Qualification of Series 4 SIOs operating as Series 3 subpanels is in progress across multiple Pro-Watch versions, with completion targeted for Q4 2026.

Please contact your Honeywell Technologies sales representative for additional information regarding migration options and requirements.

We appreciate your continued business and support.

End-of-Sale Series 3		**Replacement** Planned Series 4 Replacement - subject to qualified Pro-Watch and firmware configuration	
Part Number	**Description**	**Part Number**	**Description**
PW7K1R1	PW7K Series - 1 Door Reader Interface SIO (2 Readers)	PWMR50-S4	Mercury Series 4 - 1 Door - 2 OSDP or 1 Wiegand + REX / Reader Interface SIO (1 Door, 2 Readers)

PRO42R1	PRO42 Series - 1 Door Reader Interface SIO (2 Readers)	PWMR50-S4	Mercury Series 4 - 1 Door - 2 OSDP or 1 Wiegand + REX / Reader Interface SIO (1 Door, 2 Readers)
PWMR50-S3 / PWMR50-S3B	Mercury Series 3 - 1 Door Reader Interface SIO (2 Readers)	PWMR50-S4	Mercury Series 4 - 1 Door - 2 OSDP or 1 Wiegand + REX / Reader Interface SIO (1 Door, 2 Readers)
PWMR52-S3 / PWMR52-S3B	Mercury Series 3 - 2 Door Reader Interface SIO (4 OSDP Readers or 2 Wiegand + REX)	PWMR52-S4	Mercury Series 4 - 2 Door - 4 OSDP or 2 Wiegand + REX / Reader Interface SIO (2 Doors, 4 Readers)
PWMR16IN-S3	Mercury Series 3 - 16 Input Board / Input Monitor SIO (16 Inputs)	PWMR16IN-S4	Mercury Series 4 - 16 Input Board / Input Monitor SIO (16 Inputs)
PWMR16OUT-S3	Mercury Series 3 - 16 Output Board / Output Control SIO (16 Outputs)	PWMR16OUT-S4	Mercury Series 4 - 16 Output Board / Output Control SIO (16 Outputs)

Existing Installations

Existing deployments utilizing Authentic Mercury Series 3 SIOs will continue to operate normally. Customers are not required to replace installed Series 3 SIOs because of this announcement.

However, Honeywell Technologies recommends planning migration to Series 4 hardware at or before the applicable end-of-support, particularly for deployments with evolving cybersecurity, compliance, or operational requirements.

Support Policy

Series 3 (S3) SIOs will continue to receive technical support. Non-hardware-dependent firmware / SDK defect fixes, maintenance releases, and applicable security updates for PWMR Series 3 products will continue to be available until further notice. The availability of Series 3 integration support will be governed by the support lifecycle and compatibility status of the applicable Pro-Watch software version.

Lifecycle Milestones

Milestone	Date
Series 3 SIO - End of Sale (EOS) Date	**December 31, 2026**, or until inventory is depleted.
Series 3 SIO - End of Firmware Support (EOL)	**To be determined.** The official end-of-support date will be announced later.

	There is no impact until that date is communicated.
Series 3 SIOs - End of Integration Support with Pro-Watch	Support will be aligned with the lifecycle of the corresponding Pro-Watch software version in use. • **No impact is expected for Pro-Watch 6.x versions**, which remain actively supported • **Pro-Watch 5.5** will reach End of Life (EOL) in **April 2027**. • All earlier Pro-Watch versions have already reached EOL.
Series 4 – Pro-Watch Integration Support and S4 SIOs orderability	Currently in progress, with completion targeted by the end of **Q4 2026**.

S3 to S4 SIOs - Migration Recommendation

Where supported by a Honeywell-qualified Pro-Watch software and firmware configuration, Honeywell Technologies recommends transitioning all new Pro-Watch system designs, expansion projects, and system upgrades to the **Series 4 hardware platform**. Adopting Series 4 hardware enables customers to take advantage of the latest generation technology, ensures alignment with Honeywell's future product roadmap, and simplifies migration to native Series 4 support in future Pro-Watch releases.

Please refer to the FAQ section provided later in this communication for detailed information regarding software requirements, technical specifications, upgrade considerations, and compatibility guidelines.

Series 3 Legacy capabilities not supported on Series 4

The following legacy capabilities are no longer supported in Series 4 SIOs:

- Intelligent controller communications operating at 9,600 or 19,200 baud
- Bioscrypt reader support
- RSI HandKey support

Hardware Differences

- **ST33K Processor**: Adds a dedicated security module for secure storage of sensitive data on the SIO.
- **Removal of PT / 12V jumper**: Reader port power is fixed at **12 VDC**. Manual jumper configuration is no longer required.
- **OSDP EOL termination resistor**: Updated from a 2-pin to a 3-pin design, providing defined ON and OFF positions for the termination jumper.

Frequently Asked Questions (FAQ)

Below are answers to common questions about the Series 3 end-of-sale announcement and the transition to Series 4.

Why are S3 SIOs being retired?

Series 3 SIOs are being retired as Honeywell Technologies transitions to a platform with enhanced cybersecurity, improved hardware resiliency, increased processing capability, and onboard expansion ports for future applications and features. Series 4 also provides greater flexibility to address future component-availability challenges through built-in design alternatives. In parallel, some components used in Series 3 are becoming increasingly constrained in the supply chain.

Do customers need to replace installed Series 3 SIOs?

No. Existing installations may continue operating normally. However, customers should consider long-term migration plans before the applicable support end date.

Is there any form factor difference between the S3 SIO and S4 SIO?

No. The Series 3 (S3) boards referenced in this letter and the Series 4 (S4) SIO modules that replace them share the exact same physical dimensions and form factor.

How can Series 4 SIOs be visually distinguished from previous Mercury SIO generations?

Series 4 SIOs use a black PCB, while previous generations use the following color scheme:

- S3: Red
- S4: Black

Firmware major versions also identify platform generation. Verify the specific SIO and approved firmware in the applicable product documentation or Pro-Watch Compatibility Matrix before installation.

- S3 = Version 3.x
- S4 = Version 4.x

How does the Series 4 platform differ from Series 3, and what are the primary benefits?

Series 4 introduces a modernized hardware platform designed to:

- Simplify installation and maintenance
- Improve cybersecurity and resiliency
- Support future expansion capabilities
- Increase processing performance
- Enhance deployment flexibility while maintaining compatibility with the Mercury Authentic architecture.

Can S3 and S4 SIOs coexist on the same RS-485 bus?

Series 3 and Series 4 subpanels use the same communications protocol and may coexist on the same RS-485 bus only in a configuration qualified by Honeywell. Before deployment, verify that the controller model, Pro-Watch version, controller firmware, SIO firmware, baud rate, addressing, wiring, and combined bus configuration are listed as supported in the applicable Pro-Watch Compatibility Matrix.

Which controller generations support Series 4 SIOs?

Subject to the qualified Pro-Watch version, approved controller firmware, approved SIO firmware, baud rate, addressing, wiring, and deployment mode, PWMP and PWLP controllers are planned to support the following Series 4 SIOs as Series 3 SIOs :

- PWMR52-S4
- PWMR50-S4
- PWMR16IN-S4
- PWMR16OUT-S4

Note: The PWMR54-S4, a new four-door reader interface board, is not currently supported in Pro-Watch. Support is planned for a future release after Pro-Watch 6.7; the specific release, availability date, required firmware, supported deployment modes, and feature scope have not yet been announced. Please consult future Pro-Watch product updates or contact your Honeywell representative for current availability information.

Will support be available for Series 4 SIOs as Series 3 in Pro-Watch software?

Yes, but only with a Pro-Watch version that Honeywell will be specifically qualifying for this configuration. In a qualified deployment, Series 4 SIOs can operate as Series 3 SIOs and be programmed as Series 3 SIOs in current supported versions of Pro-Watch. This provides a migration path for customers adopting Series 4 hardware before native Series 4 support is introduced in a future Pro-Watch release.

Will all currently supported Pro-Watch 6.x support Series 4 SIOs as Series 3?

Not yet. Honeywell has not confirmed that every currently supported Pro-Watch 6.x version will support Series 4 SIOs operating as Series 3 SIOs. Testing and qualification are underway, with completion targeted for Q4 2026. The qualified Pro-Watch versions, controller and SIO firmware requirements, supported configurations, and known limitations will be identified in future Honeywell product notifications and the applicable Pro-Watch Compatibility Matrix.

What happens if a Series 3 SIO fails after its End of Sales?

Customers may replace failed S3 SIOs using any remaining Series 3 inventory or migrate to the equivalent Series 4 replacement product, subject to system compatibility and software support requirements. Honeywell recommends evaluating migration to the Series 4 platform where appropriate to ensure continued product availability and alignment with future product support.

How long will Series 3 SIOs be sold, and when is the last date to order?

Series 3 (S3) SIOs will remain available for sale through December 31, 2026, or until inventory is depleted, whichever occurs first. Customers are encouraged to place orders as early as possible to secure their units, to help ensure product availability. All orders will be fulfilled on a first-come, first-served basis.

When will Series 4 SIOs be supported natively within Pro-Watch?

Native Series 4 support is not included in Pro-Watch 6.7 and is planned for a later Pro-Watch release. The specific release, availability date, supported Series 4 models, required firmware, supported features, and known limitations have not yet been announced and will be communicated through future Honeywell product announcements and release notes.

Will firmware updates remain available for Series 3 SIOs, and for how long?

Yes. Firmware maintenance and applicable security updates for Series 3 (S3) SIOs will continue to be available until the official **End of Firmware Support** date, which is currently **to be determined**. Honeywell will provide updates on the support timeline through future product communications.

Will Series 3 SIOs continue to receive technical support with Honeywell Pro-Watch?

Yes. Technical support for Series 3 (S3) SIOs will continue until the applicable EOL / support-termination date that will be communicated by Honeywell. The scope of support will follow the lifecycle policies associated with the applicable Pro-Watch software version, while firmware maintenance and security updates will follow the separately announced End of Firmware Support date.

Is a controller firmware upgrade required when deploying Series 4 SIOs?

A controller firmware upgrade may be required, depending on the controller model, installed firmware, Pro-Watch version, SIO model, and deployment mode. Do not deploy a Series 4 SIO unless the complete combination of Pro-Watch version, controller model and firmware, SIO model and firmware, and deployment mode is listed as approved in the applicable Pro-Watch Compatibility Matrix or release notes.

Are there other limitations specific to Pro-Watch integration when using S4 as S3?

The Pro-Watch integration limitations documented for the corresponding Series 3 board type also apply to the Series 4 replacement. Additional limitations may apply based on the qualified Pro-Watch version, controller firmware, SIO firmware, and deployment configuration. Verify the exact supported feature set in the applicable Pro-Watch Release Notes and Compatibility Matrix before installation.

Yours sincerely,



Rinas Puthuveetil Abdul Latheef
Global Offering Manager
Honeywell Technologies – Security and Access Solutions
Rinas.AbdulLatheef@Honeywell.com