

# EMPOWER YOUR WORKFORCE TO PROTECT YOUR FAB



## BUILD OPERATIONAL RESILIENCE AMID STAFFING CONSTRAINTS

As the semiconductor industry faces workforce shortages and an aging pool of experienced technicians, critical knowledge gaps are emerging that can impact safety, maintenance continuity and operational performance. Advanced gas detection technology equips your team with the right tools and skills to help strengthen operational resilience, reduce unnecessary costs and ensure consistent protection in even the most complex manufacturing environments.

## ENABLE YOUR TEAM WITH INTELLIGENT SUPPORT TOOLS

We support our customers through comprehensive service contracts, on-site equipment support and extensive training and certification programs. Advanced AI-powered maintenance assist tools provide technicians with rapid access to guidance and answers, while service teams supplement in-house capabilities when needed.



### CHALLENGE

### SOLUTION



#### Workforce shortages and aging workforce

Reduced and aging staff create knowledge and skill gaps, impacting business performance, continuity of service/maintenance and increasing operational costs

Certification courses and extensive training programs build workforce skills and knowledge, helping teams stay effective despite staffing challenges



#### Limited on-site expertise

Fewer skilled technicians available can slow issue resolution, maintenance and operational reliability

AI-powered maintenance assist tools provide rapid guidance, while service teams can supplement in-house staff to maintain operational continuity



#### Inconsistent maintenance and operational practices

Variability in skills and procedures can lead to equipment downtime, unnecessary costs and gaps in safety compliance

Standardized service contracts and guided workflows help ensure routine maintenance, consistent servicing and best-practice execution



#### Continuity risks during workforce transitions

Staff turnover or reductions can disrupt equipment care and operational performance

Ongoing support, including remote monitoring and on-site service, helps ensure continuity of care for equipment and systems

### CONCLUSION

In the face of workforce challenges, our expertise extends beyond technology. Through comprehensive service, advanced maintenance tools and industry-leading training, we can help you sustain operational excellence, preserve institutional knowledge and ensure continuity of care, so that your fab is protected, productive and resilient for the future.

For more information  
[automation.honeywell.com](https://automation.honeywell.com)

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