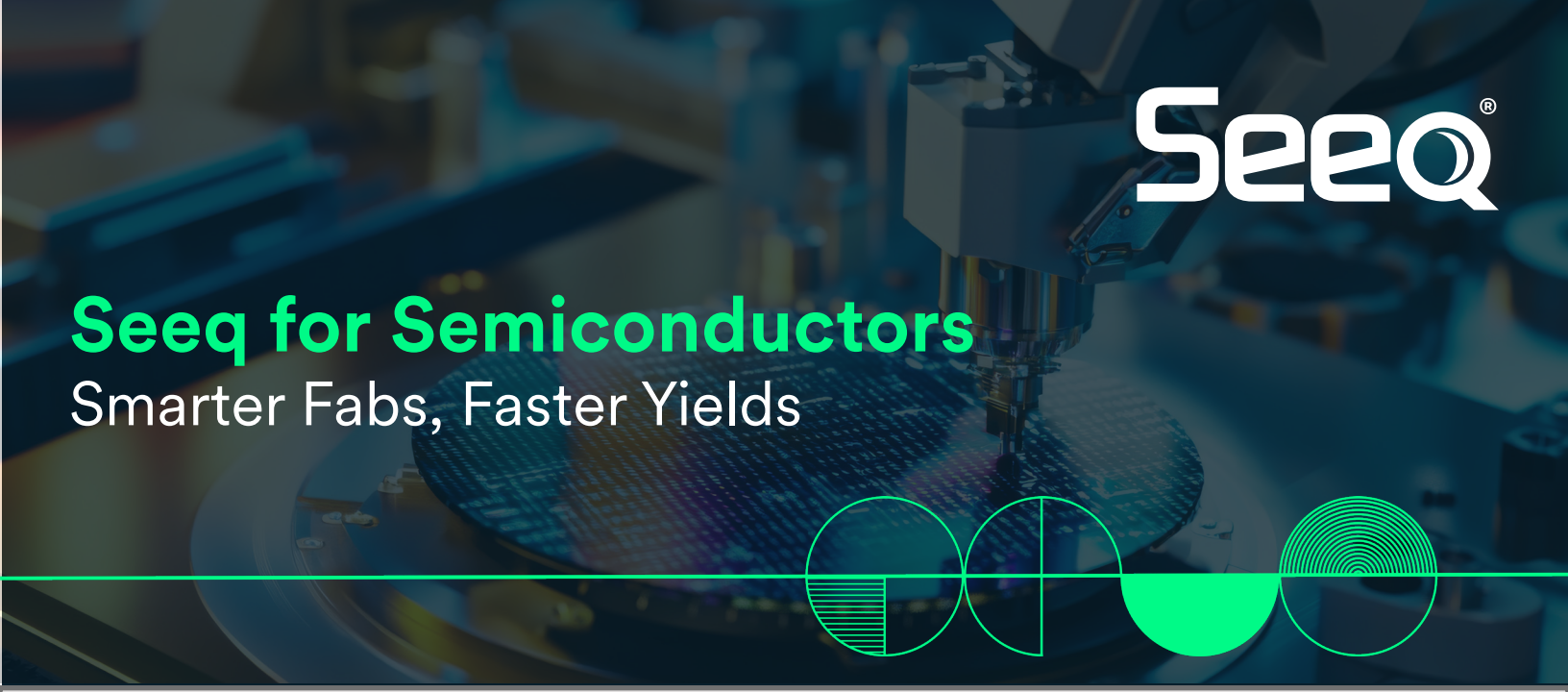

Seeq for Semiconductors

Smarter Fabs, Faster Yields

Your Path to Precision

The semiconductor industry operates in an environment where speed, precision and innovation are paramount. As technologies evolve, so do consumer demands, leading to shorter product life cycles and increasing pressure on fabs to innovate while maintaining production quality. Add the complexities of sustainability and system-wide optimization, and the challenge grows even greater.

How do you gain an advantage? By leveraging data-driven insights in real-time, fabs can increase operational efficiency, improve yield and reduce time-to-market. Seeq is built for the semiconductor industry, helping teams unlock the full potential of underutilized time-series data.

intel

"Seeq has empowered our engineers to make decisions faster, and have more confidence in those decisions."

- Dr. Patrick Bradley, Automation Architect, Intel

With Seeq, teams across the organization benefit, and so does your bottom line.

Deployment, insights, and ROI are achieved in weeks, not months, and Seeq customers typically see an **ROI >10X** from the following outcomes:

- Reduce Time to Market
- Improve Quality
- Increase OEE
- Increase Yield
- Reduce Emissions
- Upskill the Team

Turn Data into Yield, Efficiency into Innovation

Operational success in semiconductors relies on your team's expertise. Seeq enhances their abilities with advanced analytics, driving smarter decisions, contamination control and optimized fab performance.

Seeq | INDUSTRIAL ANALYTICS & AI SUITE

Your Data + Your Team = Your Advantage

Seeq accelerates digital transformation with intuitive no/low code self-service industrial analytics, augmented by GenAI. The result? Your subject matter experts across the organization are empowered to explore and quickly solve ongoing problems.

Seeq | INDUSTRIAL ENTERPRISE MONITORING™ SUITE

Scaled, Sustainable, System-Wide

Seeq simplifies comprehensive monitoring for multiple teams and programs such as OEE, anomaly detection, and APM - all in one solution. Integrated investigation, historical context, collaboration, and model refinement are only a click away - driving continuous improvement.

Seeq AI Assistants speed adoption, skill building, & ROI

Improving equipment reliability can enhance tool availability by over 15%, translating into 10%+ latent capacity gains without adding new tools. - McKinsey & Company

Case Study: Predictive Maintenance

aws + Seeq

Semiconductor fabs face significant challenges with unplanned downtime and equipment maintenance. Using Seeq, powered by AWS, a semiconductor manufacturer implemented predictive maintenance models to monitor assets in real time.

By leveraging cloud-based analytics, engineers developed and scaled models across multiple fabs, reducing downtime and improving operational efficiency. This proactive approach to maintenance minimized disruptions and helped manufacturers optimize performance across their fab operations.

Results:

10% savings in overall maintenance costs

Reduction in downtime - planned and unplanned

semi MEMBER

Seeq is a proud member of semi, the industry's premier organization for connecting semiconductor industry leaders to drive collaboration and innovation.

Learn More about how Seeq is working with the Semiconductor Industry by visiting seeq.com/solutions/semiconductors/