



# Axcelis 1<sup>st</sup> Silicon Engineer

ENHANCING YOUR PRODUCTIVITY EVERYDAY



## **Product Summary**

Finding the skilled resources to bring up your fab line for each equipment type and achieving first silicon can be costly and inefficient. Axcelis can help you manage through this challenge with a focused and experienced Axcelis 1<sup>st</sup> Silicon Engineer with only one thing on their mind, getting your Axcelis equipment on-line, in spec and ready to produce. The 1<sup>st</sup> Silicon Engineer works on your site with your Engineers to identify and remove any obstacles to jump-start the operation of your Axcelis equipment and ensure that it is running at optimum conditions.

The 1st Silicon Engineer is a product specialist dedicated and accountable for equipment installations, startup, diagnosis, and repair of your Axcelis equipment. The 1<sup>st</sup> Silicon Engineer is Axcelis' liaison with your staff, coordinating technical, operational, maintenance, and administrative issues. An Axcelis 1<sup>st</sup> Silicon Engineer will integrate our experience and best known methods with yours to create a collaborative solution to achieve your first silicon goals.

## **Axcelis 1<sup>st</sup> Silicon Engineer Manages:**

- Facility Preparation
- Installation Coordination
- Technical Support Coordination
- Equipment Optimization
- Continuous Instruction
- Staff Interface Activities

## **Facility Preparation**

The 1st Silicon Engineer will manage all the site preparations required to meet the installation specifications of our equipment. The 1<sup>st</sup> Silicon Engineer will interface with your equipment engineering staff, staff members and designated contractors to ensure your facility and all support equipment is ready and available for the installation of Axcelis equipment. The result is no surprises during equipment installation and faster time to first silicon.

## **Installation Coordination**

The 1st Silicon Engineer coordinates the installation of Axcelis equipment through equipment performance pre-qualification. The 1st Silicon Engineer has the installation experience to anticipate and eliminate potential start-up problems to ensure on time performance and expedite your first silicon goals. The 1<sup>st</sup> Silicon Engineers are not generalists; they are completely focused on Axcelis equipment with a direct link into Axcelis' technical and operations resources located worldwide. The Axcelis 1<sup>st</sup> Silicon Engineer is driven to get your Axcelis equipment on-line, in spec and ready to produce.

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### ***Technical Support Coordination***

Once your Axcelis equipment is through process qualification our 1<sup>st</sup> Silicon Engineer helps keep your systems up and running to meet your production goals. The Engineer coordinates technical support for equipment escalations for all Axcelis products within your fab. The 1<sup>st</sup> Silicon Engineer is a single point of contact that implements solutions quickly to increase your equipment productivity and reduce downtime.

### ***Equipment Optimization***

The Axcelis 1st Silicon Engineer will evaluate your processes and equipment hardware specifications to make recommendations to your staff that will help to optimize equipment performance and meet your production goals. With direct links to our application and technical support product specialists our 1<sup>st</sup> Silicon Engineer will consult with you in recommending upgrades and deployment decisions resulting in higher throughput and tight process control. Our Engineer will get you optimum results from first silicon on.

### ***Continuous Instruction***

The 1st Silicon Engineer can provide guidance in the proper use, maintenance, and repair of Axcelis equipment. The 1<sup>st</sup> Silicon Engineer can recommend and schedule on-site custom training sessions, providing your employees with real time opportunities to learn as they work. At your option, new associates and maintenance technicians may receive training while working on your equipment. And if required the 1<sup>st</sup> Silicon Engineer will schedule on-site training classes with instructors from one of Axcelis' world class Training Centers. The Engineer will ensure your fab personnel are prepared to operate and maintain your Axcelis equipment efficiently and at reduced risk of impacting your production goals.

### ***Staff Interface Activities***

While on your team the 1st Silicon Engineer will interface with your technical support, design engineering, and manufacturing engineering on fixturing, preventive maintenance procedures, design and reliability recommendations. The 1<sup>st</sup> Silicon Engineer is a direct on site interface to streamline and customize processes to meet your immediate needs. Our engineers develop or assist your engineering team to meet your goals to achieve first silicon and beyond.

### ***Enhancing Your Productivity, Everyday***

Axcelis' Global Customer Support model is focused on optimizing the productivity and reliability of your equipment, everyday. Our extensive service offerings provide support throughout the lifecycle of the equipment we manufacture. Our award-winning Global Customer Support network includes approximately 600 individuals dedicated to optimizing the performance of our equipment in the field, for maximum return on your investment.

[www.axcelis.com](http://www.axcelis.com)

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