



Case Study

Satellite Technology Company Builds a Scalable Calibration Program for Rapid Growth



Overview:

A U.S. satellite communications technology company was rapidly expanding its engineering and production operations as it developed a new low Earth orbit satellite network.

The organization designs and builds sophisticated space and communications hardware, requiring extensive measurement, test, and calibration capabilities across engineering, manufacturing, and quality operations.

As the program continued to scale, the company wanted to simplify its calibration supplier network and establish a long-term partner capable of supporting both its immediate technical requirements and future growth.

The organization selected SIMCO to provide calibration services and CERDAAC calibration management software as part of a more scalable approach to managing its growing calibration program.

The Challenge:

Rapid growth was increasing the complexity of the company's calibration requirements.

The organization relied on a diverse population of measurement and test equipment supporting advanced engineering and production activities. As those requirements expanded, managing calibration through multiple suppliers became increasingly difficult.

The company wanted to move away from a fragmented vendor model and establish a calibration partner that could provide broader technical coverage, consistent service, and the infrastructure needed to support continued growth.

Key requirements included:

- Consolidating calibration work across fewer suppliers
- Establishing a dependable long-term calibration partnership
- Supporting a broad range of sophisticated measurement and test equipment
- Providing out-of-tolerance and full calibration data when required
- Maintaining reliable turnaround as equipment volumes increased
- Improving visibility into calibration activity and documentation
- Creating a service model capable of scaling with a rapidly growing operation

The organization needed more than individual instrument calibrations. It needed a calibration program that could grow alongside its engineering and manufacturing operations.



✓ The Solution:

SIMCO worked with the company to establish a broader calibration service model designed around technical capability, responsiveness, and scalability.

SIMCO's laboratory network and calibration expertise provided the technical coverage needed to support a diverse range of equipment, while helping the customer consolidate more calibration work with a single provider.

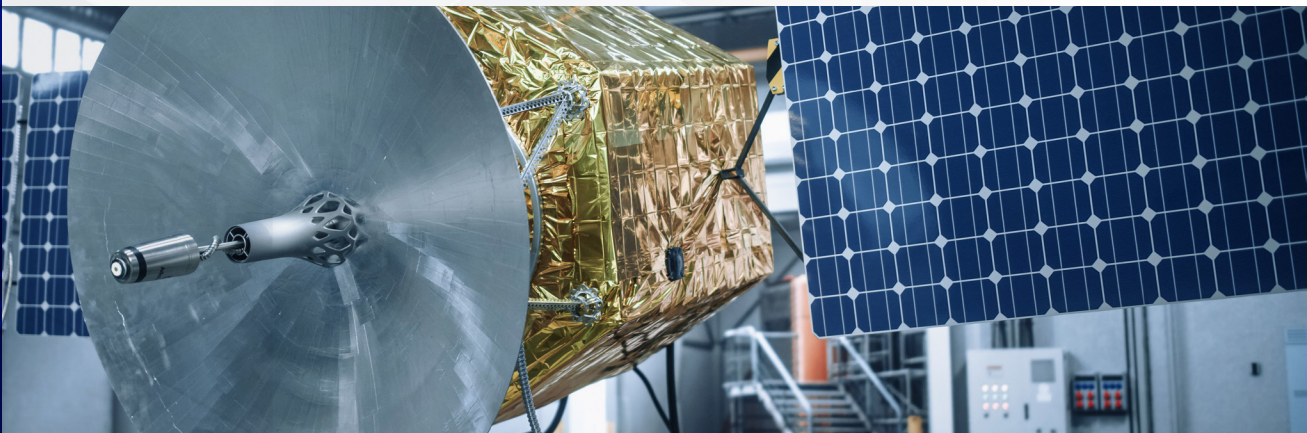
For equipment requiring additional quality information, SIMCO could also provide detailed calibration data and out-of-tolerance reporting to support the customer's engineering and quality requirements.

CERDAAC complemented the calibration services by providing a centralized platform for managing calibration records and asset information.

With CERDAAC, the organization gained a more structured way to:

- Access calibration certificates and service records
- Review calibration history
- Track asset status and upcoming calibration requirements
- Maintain calibration data in a centralized system
- Improve visibility across a growing equipment population

Together, SIMCO and CERDAAC gave the customer both the technical services and program infrastructure needed to support a rapidly expanding operation.



Why SIMCO

The company selected SIMCO based on several important requirements:

- Broad calibration capabilities for sophisticated test and measurement equipment
- Ability to provide detailed calibration and out-of-tolerance data
- Reliable service and turnaround
- Capacity to support increasing calibration requirements
- Ability to consolidate work currently handled by multiple suppliers
- Centralized calibration records and asset visibility through CERDAAC
- A service model designed to support a long-term partnership

Rather than adding another calibration vendor, the organization was looking for a partner capable of supporting a larger portion of its calibration program as the business continued to scale.

Program Impact

The new calibration model gives the company a stronger foundation for managing continued growth.

The program helps the organization:

- Consolidate calibration activity across fewer suppliers
- Simplify coordination of calibration services
- Improve access to calibration certificates and technical data
- Increase visibility into asset status and calibration history
- Support consistent calibration practices as operations expand
- Reduce administrative effort associated with managing a fragmented supplier base
- Establish a scalable calibration infrastructure for future growth

By combining SIMCO's calibration capabilities with CERDAAC, the company can manage both the service and information sides of its calibration program through a more integrated approach.

Building Calibration Infrastructure for Growth

Rapidly scaling technology programs place increasing demands on engineering, manufacturing, and quality organizations. Calibration processes that work during early development may become difficult to manage as equipment populations, production requirements, and organizational complexity increase.

By consolidating more of its calibration program with SIMCO and using CERDAAC to improve program visibility, this satellite technology company established a more scalable approach designed to support continued expansion.

Scale Your Calibration Program with Confidence

SIMCO combines broad calibration capabilities with CERDAAC calibration management software to help organizations simplify complex calibration programs.

From sophisticated test equipment to growing multi-site operations, SIMCO helps companies improve service consistency, calibration visibility, and program control as their requirements evolve.

Build a Calibration Program That Can Scale With You

[Discuss Your Calibration Program](#)



Headquarters:

3131 Jay St, Suite 100
Santa Clara, CA 95054

SIMCO is the leading provider of calibration and software services for technology organizations, bringing over 60 years of calibration industry leadership. Our experience enables us to develop exceptional solutions for service management.

Founded in 1962 to service NASA and high technology firms in Silicon Valley, SIMCO is committed to delivering life-saving quality leaner, by providing the highest level of quality and customer service.

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