



Manufacturing Services

High Reliability Solutions for Mission Critical Applications



We respond to your manufacturing needs by employing highly skilled staff and implementing agile processes to handle your unique needs. Not all jobs require the same solution and that is why we provide dedicated product managers to work with you and see that all your needs are met. Our value is most apparent in smaller to medium sized manufacturing jobs, where there is an element of complexity.

Calian, Advanced Technologies' manufacturing facility is co-located with our engineering facility, allowing our engineers to assist with day-to-day issues on technically complex jobs or aid with design challenges. Agile and flexible manufacturing processes permit us to accommodate complex operational requirements and demanding delivery schedules. Our highly trained manufacturing staff can handle complex manufacturing and testing requirements that are manually intensive and don't lend themselves well to automation due to volumes or different build configurations.

One of Calian's strengths is our strong heritage in designing test systems. We provide systems that are automated to minimize the operator's involvement and maximize throughput, while ensuring reliable test results. By applying this expertise to your needs we will come up with a comprehensive test program that meets all your design validation, safety & EMC/EMI certification and production test requirements.

Our processes are designed from Lean Manufacturing principals and are certified with ISO 9001:2015 to ensure consistently reliable results. Our facility layout and processes are flexible to accommodate different types of jobs as well as varying levels of work within any particular job type. Our services also include providing test jigs, fixtures and any other infrastructure needs.

Manufacturing Services

Calian, Advanced Technologies has been providing manufacturing services worldwide for several decades. We provide full end-to-end manufacturing from material management, manufacturing engineering, production and scheduling, assembly, test, shipping and customer support.

The heritage of our manufacturing is our continual effort to improve the efficiency and reliability of our processes over years of service in the industry.

Our competitive advantages include:

- **Highly trained staff capable of handling the most challenging manufacturing jobs.**
- **Unique capability in complex RF and wire harness manufacturing.**
- **Lean manufacturing processes to competitively handle small to medium sized jobs.**
- **Engineering staff on-hand to assist in the manufacturing process.**
- **Test expertise to maximize test automation and reliability.**
- **Inventory of specialized test tools and manufacturing equipment.**
- **Specialty in manufacturing of high reliability products.**
- **ISO 9001:2015 certified.**

Are you capacity or resource constrained?

Our manufacturing facility is well equipped with production tools and test equipment to handle any of your manufacturing needs. We will provide you a dedicated product manager who, supported by our highly trained manufacturing staff, will see that all your needs are met.

Is technical complexity slowing production?

Our highly trained manufacturing staff excel when working with difficult to build and complex manufacturing projects, while our co-located engineering group can assist with day-to-day issues.

Are you suffering from poor throughput?

We have expertise at developing automated tests to speed production. Our production engineering group can implement new procedures for each unique product to streamline processes and reduce manufacturing time.

Issues with changing requirements?

We have flexible processes to accommodate changing requirements and our agile, highly trained staff can quickly implement production changes.

Seeing a lot of testing errors?

Our dedicated test engineering team will ensure proper testing to prevent unnecessary rework and faulty equipment being shipped to your customer.

To learn more, please contact:

Terry Rohrke - Vice President, Test, Aerospace & Defence
T: 306-933-1642
E: terry.rohrke@calian.com

