

Silicon Valley Full-Service Product Design and Turnkey Manufacturing

Established in 1996, LocoLabs is a premier product development and design firm in the Silicon Valley of California. Companies from startups to the Fortune 50 seek out LocoLabs to provide electronic, mechanical and software product solutions. They come to LocoLabs because we understand the entire system and the complete lifecycle of product development and manufacturing.

Refinement of Requirements is the Key

Because we specialize in the systematic refinement of product requirements and the rapid engineering of example solutions, we enable our customers to make early informed, data-driven decisions. We developed the LocoLabs Product Reality Report system to ensure product requirements are translated into executable engineering specifications with clarity. Without clarity of requirements, schedules slip and costs expand.

The Rev Zero Company: Getting It Right the First Time

Over the past 20+ years, LocoLabs has qualified an extensive list of suppliers, vendors, distributors, and service providers. Unlike many of our competitors, we are embarrassed by bugs and believe our customers deserve hardened products that resist bad elements – environmental and human. Extensive diagnostics built into our designs enable rapid validation, which avoids costly iterations and reduces risk. With our sophisticated design, development and release procedures, we have earned our reputation as “the Rev Zero company” for delivering solutions that are built right the first time. We also excel at bad puns and mixed metaphors (once you get to know us).

Well-Equipped Facility Including Labs, Environmental Test Chamber, 3D Printing, Production Floor

Our facilities house well-outfitted bring-up and validation labs, a flexible production floor, an environmental chamber for temperature and humidity testing, and multiple 3D printers. This equipment allows for in-house production of scaled and full-sized models as well as pre-production prototypes. LocoLabs excels at customizing early stage “MVP” products to align with high-volume manufacturing goals. Industrial clients trust LocoLabs to locally manufacture production-runs in the thousands – this is a particular specialty of LocoLabs.

Maintenance and Ongoing Support

In addition to providing complete product design and program management, LocoLabs provides RMA services and ongoing manufacturing support such as test fixture enhancements, firmware updates, and engineering sourcing should components become unavailable. We also provide extensive firmware and software maintenance services to allow your product to stay up to date with the latest technologies and cyber defenses.

Depth and Breadth of Experience

LocoLabs has delivered ruggedized IoT and IIoT solutions, wireless sensor networks, embedded Linux systems, lightning survival solutions, commercial robotics, LiDAR 3D spatial processing, LCD/OLED touch panel systems, advanced Mil Spec gamma radiation imagers and many similarly complex solutions. LocoLabs delivers efficient, elegant, high-quality designs for complex systems, with a design approach that emphasizes modularity, extensibility, expandability, and flexibility, so that solutions are reliable, scalable, and solidly manufacturable. With our proven Rev-Zero design methodology, the majority of our product designs go into production without ever needing a spin. So take us for a spin!

