



# PEAK

Launching the Next Generation  
of Manufacturing Technology

# Final Assembly

(Cleanroom, Modular, & Systems Integration)

## Assembly Types:

Mechanical, plastic,  
electro-mechanical

## Cleanroom

Integration Available

## Testing:

Visual,  
mechanical, pressure,  
and fit/function as  
needed

## Ideal Customers:

OEMs, medical device  
firms, aerospace  
subsystems, high-tech  
equipment providers



## Overview

For many OEMs, delivering finished products or systems to market requires more than individual parts—it demands a manufacturing partner who can perform precise subassemblies, manage part integration, and validate performance in clean, controlled environments. However, most suppliers specialize in components, not assembly. As a result, engineering teams are

left managing multiple vendors, performing late-stage integration in-house, or suffering from inconsistent builds. Peak's customers need an agile partner who can provide system-level builds, modular assemblies, and testing—all with the traceability and quality required for regulated industries.

## Solution

Peak Technology offers full-service assembly capabilities for mechanical, electro-mechanical, and plastic-based systems. Whether integrating formed, machined, or printed components—or finalizing products in cleanroom conditions—our team assembles, tests, and validates everything in-house. From simple modular builds to multi-step system integration, we provide tight quality control, streamlined communication, and a single point of accountability.

- **Cleanroom & Controlled Assembly Areas** – Ideal for biomedical, optics, or particle-sensitive applications.
- **Mechanical & Electromechanical Integration** – Assembly of enclosures, subcomponents, and systems requiring electrical, thermal, or structural functionality.
- **100% Functional Testing & Inspection** – Every unit is tested for fit, performance, and quality before shipping.
- **Modular & Scalable Builds** – Supports low- to mid-volume production across various stages of product lifecycle.

Peak Technology Enterprises is a woman-owned precision manufacturing company based in San Jose, CA, offering **additive** and **subtractive** manufacturing, engineering support, system integration, and full assembly services. With over **60 years of experience** and **ISO 9001 certification**, Peak partners with **global OEMs** and innovators to deliver high-performance components and complex builds—on time, on spec, and on budget.

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