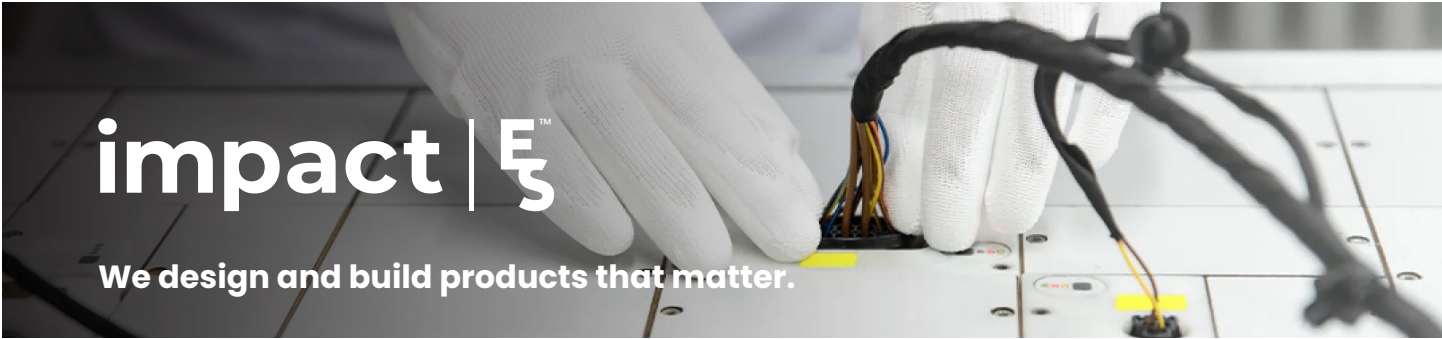




impact | ES

We design and build products that matter.

Cable & Wire Harness Assemblies

Precision Interconnect Solutions for High-Reliability Applications

Impact ES-Grants Pass delivers high-performance cable and wire harness assemblies for medical, aerospace & defense, and advanced industrial systems where reliability, traceability, and repeatability are critical. Inside our modern, highly adaptable 47,000-square-foot manufacturing facility, we build everything from simple cable assemblies to intricate, multi-layered harnesses and large box builds — all engineered to meet the highest standards of performance and compliance.

Capabilities

- Complex cable and harness assembly
- High- and low-volume production
- Precision routing and termination
- Electromechanical integration
- Large box build wiring
- System-level interconnects
- Electro-pneumatic assembly
- Kitting services

Engineered for Performance

Every assembly is built to meet the mechanical, electrical, and environmental demands of the final application:

- Tight tolerance requirements
- Controlled build processes
- Configuration management
- Full documentation and revision control
- 100% in-process and final inspection

Why Choose Impact

Early Engineering Collaboration

We engage early to improve manufacturability, reduce risk, and accelerate time-to-market.

A True Production Partner

Not just a build-to-print supplier — our engineers solve challenges and optimize outcomes alongside your team.

Repeatable, Documented Processes

Every build follows controlled, fully documented processes ensuring consistency across every run.

Copy-Exact Manufacturing

We replicate your design with precision — every build, every time, at every volume.

Connected Communication

A fully connected factory gives you real-time visibility into progress, timelines, and delivery.

Scalable from Prototype to Production

We support NPI, low-volume validation builds, production ramp, and long-term program support.

Quality & Compliance



Lot Traceability &
Serialized Builds

Applications

- Medical Device Manufacturing Equipment
- Aerospace and Defense Systems
- Industrial Automation Platforms
- Test and Measurement Systems
- Commercial Space
- Autonomous Systems and Robotics

From Prototype to Production

We support the full product lifecycle — from first article to long-term program support:

- NPI and design for manufacturability (DFM)
- Low-volume builds for design validation
- Scalable production ramp
- Long-term program support

About Impact ES

Impact ES is a full-service electronics manufacturing and fiber optics services company, providing prototype and full-turnkey production services for customers in the medical, defense, aerospace, autonomous systems, industrial, and instrumentation sectors. NADCAP accredited, AS9100D certified, and ITAR registered — we bring nearly three decades of engineering expertise to every project.

**Looking for a cable and harness assembly partner who can scale with your program?
Let's start the conversation.**