



**projects[®]
unlimited**

**ELECTRONICS & WIRING
CONTRACT MANUFACTURING**



WIRING & HARNESS ASSEMBLY

Cable & Wire Harness Assembly Services

Working with your drawings and specifications, Projects Unlimited provides world-class workmanship along with high-precision manufacturing equipment. From simple discrete cables to multi-branched wiring harnesses and integrated box wiring assemblies, Projects Unlimited has the tools and experience needed to complete your next project.



Interconnect Assemblies

The intricate nature of assembling and connecting cabling within a confined space requires extraordinary precision and accuracy. The Projects Unlimited team is highly skilled at assembling elaborate interconnect solutions and fully testing each unit to ensure it complies with your high standards.



Electronics Subassemblies

Integrating wiring with circuit cards into completed box/chassis units is what we do best. Once configured, the completed unit is tested according to your specifications to ensure it is a fully functioning unit.



Wiring Harnesses

From simple point-to-point solutions requiring just a few terminations to extremely complex multi-branched harnesses with countless terminations, branches, and miles of cable, the wiring specialists at Projects Unlimited are experts at manufacturing and testing both!

Preparation

- Manufacturing Support
- Stripping
- Tinning
- Fixture Design
- Bundling/Sorting
- Test Fixtures
- Build Boards

Manufacturing

- Crimping
- Swaging
- Clamping
- Soldering
- Welding
- Ultra Sonic Welding
- Electrical Bonding
- Spiral Wrapping

Protection

- Overbraiding
- Potting
- EMI/RFI Shielding
- Foil/Serve Shield
- Ingress Protection Sealing
- Heat Shrinkable Boots
- Compression Over Molding
- Injection Molding
- Low Pressure Molding
- Protective Sleeving

Identification

- Laser Marking
- Hot-Stamp Marking
- Thermal Transfer Marking
- Tubular Sleeve Marking
- IUID Labels
- 2D Barcoding

Testing

- DIT-MCO (up to 6,000 points)
- Weetech
- Hi-Potential Testing/Dielectric
- Megohmmeter Testing
- Temperature Cycle Testing
- Computer-Controlled Pull Testing (Tensile Strength)
- Compression Testing
- Immersion Testing/Saltwater Testing

We also provide Repair & Overhaul services for the products we manufacture.

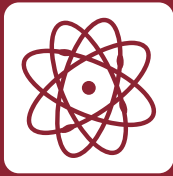
Manufacturing Engineering Support



Helping to ensure your Cabling or Wiring Harness project works flawlessly is the goal of our Manufacturing Engineering Support team.

We're here to support you through every stage of the design and production process, including assistance with:

- Rapid Prototyping
- Manufacturability
- Tooling
- New Product Introductions / First Articles



projects[®]
unlimited

SKILLED AND RELIABLE



Connectivity is undoubtedly a crucial component of any electronic device or system, and the company you choose to manufacture cabling and wiring harnesses for your project is just as important. That's why smart companies rely on Projects Unlimited to assemble their Cable and Wiring Harnesses.

Being a Contract Manufacturer, or Build-To-Print provider, Projects Unlimited has seen and done it all over the years - from discrete wiring projects to power distribution systems, integrated electronic assemblies, and extremely complex wiring harness systems.

Our highly skilled employees at Projects Unlimited are experts at understanding and building the complex - we've been doing it since our company's founding in 1951. Over the years, we've invested heavily in state-of-the-art equipment, advanced training for our employees, made countless process improvements, and earned the highest certifications possible to ensure you get the best quality possible.

Quality Management

Dedicated to providing quality standards that meet your requirements, Projects Unlimited is proud to maintain the following stringent standards:

- AS9100D
- ISO 9001:2015
- Nadcap Electronics Accredited
CHA- Cable & Harness Assembly

Trained Professionals

Providing you with top-notch manufacturing personnel to work on your projects, our operators are trained and certified to the most current specifications and techniques.

- IPC-A-610
- ANSI/ESD S20.20 ESD Control
- IPC J-STD-001 Class 3 Electronics
- IPC-7711 and IPC-7721 Certification
- IPC/WHMA-A-620 Cabling Requirements & Acceptance

Project Support

You're not alone when you work with Projects Unlimited. Our team of experts will help you through every phase of production to ensure your project is a complete success.

- Dedicated Program Managers
- Manufacturing Engineering Support
- Purchasing
- Obsolescence Management



**ELECTRONICS & WIRING
CONTRACT MANUFACTURING**



Company Identification

CAGE Code: 04597

DUNS Number: 004277869

FAA Certified Repair Station: PU8R860N

NAICS (North American Industry Classification System)

334418 Printed Circuit Assembly (Electronic Assembly)

335931 Current-Carrying Wiring Device Manufacturing

334419 Other Electronic Component Manufacturing


336413 Other Aircraft Parts & Auxiliary Equipment Manufacturing


334511 Search, Detection, Navigation, Guidance, Aeronautical, and
Nautical System & Instrument Manufacturing


334513 Instruments and Related Products Manufacturing for Measuring, Displaying,
& Controlling Industrial Process Variables


Projects Unlimited, Inc.
6300 Sand Lake Rd.
Dayton, Ohio 45414

Phone: 937.918.2200
Email: contact@pui.com
www.ProjectsUnlimited.com

 <https://twitter.com/PUIelectronics>

 <http://www.linkedin.com/company/projects-unlimited>

 <https://www.facebook.com/ProjectsUnlimitedInc>

 <https://www.youtube.com/user/ProjectsUnlimitedInc>