

# CAPABILITY STATEMENT

## CABLE ASSEMBLY EXCELLENCE

With a focus on service excellence BAC provides customers with dependable, high-performance solutions as a trusted partner in custom cable and harness assembly.

**AS9100 and ISO 9001 certified, and fully ROHS and REACH compliant.**

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# 2025

## MANUFACTURING WITH PRECISION. PARTNERING WITH PURPOSE.

BAC is a mission-centric federal contractor with a dedicated team of professionals who provide a comprehensive range of solutions designed to support warfighter readiness, space exploration and veterans, while delivering critical value to the federal government.

Supporting critical supply chains, BAC provides traveler-controlled kitting, structured assembly, inventory management, and reliable pick, pack, and ship services, ensuring complete compliance and traceability.

## KEY DIFFERENTIATORS

- AbilityOne® Producing Nonprofit
- Prime Contractor for NASA, DoDEA and the Space Force, among others
- Top Secret Facility Clearance
- State and Commercial prime contractor

## BUSINESS CAPABILITIES

- Precision Manufacturing & Assembly
- Kitting & Packaging
- Logistics & Fulfillment Solutions

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## KEY CUSTOMERS



## CERTIFICATIONS



**334419**

Other Electronic  
Component  
Manufacturing

**335929**

Other Communication  
& Energy Wire  
Manufacturing

**339113**

Surgical Appliance &  
Supplies  
Manufacturing

**493110**

General Warehousing  
& Storage

**541614**

Process, Physical  
Distribution,  
& Logistics Consulting  
Services

**561910**

Packaging & Labeling  
Services

**488510**

Freight Transportation  
Arrangement

**484110**

General Freight  
Trucking, Local



## CABLE ASSEMBLY COMPETENCIES



### SERVICE EXCELLENCE

#### Supply Chain Reliability & Strategy

We deliver high-quality cable assemblies on time through strong sourcing, inventory control, and traceability. Our safety protocols ensure product integrity and support mission-critical demands.

#### Quality Program (AS9100 & ISO 9001-Certified)

Our AS9100 and ISO 9001-certified system ensures precision and compliance through First Article Testing, in-line inspections, and final checks—driving zero-defect performance.

#### Workflow Management

Traveler-controlled, schematic-based instructions guide each build with repeatable, time-studied processes that maximize efficiency and reliability.

#### Process Efficiency

We monitor output, resolve bottlenecks, and adapt quickly delivering on time with urgency, precision, and a focus on continuous improvement.

#### People

Our dependable, cross-trained team brings consistency, accountability, and deep knowledge—driven by strong training and pride in workmanship.

#### Scalable Value & Operational Agility

We offer flexible, cost-effective solutions for low- to mid-volume work, adapting quickly to complexity and scale without compromising quality or lead time.



### CABLE ASSEMBLY

Providing certified manufacturing solutions that support complex cable and mechanical assemblies. All guided by documented processes, AS9100 quality standards, and real-time adaptability.

- Custom cable and wire harness assemblies
- Build-to-print and schematic-driven assemblies
- RF cable preparation and assembly support (capability expanding)
- Full ESD compliance
- First Article Testing and documented build verification
- Traveler-controlled workstations for traceability
- Time-studied processes with continuous improvement tracking
- Visual and accessible work instructions
- Two-step quality control for in-process and final inspections
- Custom fixture and jig creation for assembly precision
- Scalable solutions for low-to-mid volume production
- Operations guided by IPC/WHMA-A-620 workmanship standards
- Traceability and serialization support (upon request)



### ADDRESS

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### CONTACT

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