



# A strategic partner, integrated into every phase of operations

**With the union of ABM and WGNSTAR, the semiconductor manufacturing supply chain now has a comprehensive, single-source partner capable of managing the fab environment and its tools across every phase.**



ABM brings over 30 years of expertise in technical cleaning, protocol management, and testing and inspection services, supported by a nationwide network ready to mobilise for complex operations. WGNSTAR provides 25-plus years of leadership in managed workforce and equipment support services, building technical teams with the precise skills and cultural fit to improve performance and reduce costs.

Together, we manage everything from construction and startup to full-scale operations using a unified operating model and a single set of KPIs. This approach eliminates handoffs, accelerates ramp cycles, and reduces execution risk under one point of accountability.

# End-to-end fab services with tool-level expertise

## WGNSTAR SERVICES



### Managed Workforce Services (formerly NVOLVE<sup>SM</sup>)

Fully managed teams that augment or replace on-site personnel across fab environments. We assume operational ownership from recruiting and training to supervising personnel against accepted KPIs.



### Fab Equipment Support Services (formerly NFAB<sup>SM</sup>)

Industry leading support partnering with OEMs for tool installation, commissioning, and maintenance. We manage logistics, coordinate tool movement, provide certified safety spotters, and ensure accurate placement for faster installation cycles.



### SubFab Support Services (formerly NSITE<sup>SM</sup>)

Installation, maintenance, and safe management of subfab equipment, utilities, and process gases. Our teams operate within SEMI and ISO protocols to maintain uptime and stabilise critical support systems.



### Equipment Relocation & Asset Management Services (formerly NSURE<sup>SM</sup>)

Safe removal, transport, and reinstallation of semiconductor equipment from individual tool moves to full-fab decommissioning. Our asset tracking and coordination across specialty trades accelerates recommissioning.



### Training & Fabrication Services (formerly NFORM<sup>SM</sup>)

Comprehensive training programmes including hands-on instruction, digital learning modules, and fabrication services. We close skill gaps and accelerate workforce readiness across fab and subfab functions.



### Specialised/Technical Direct Hire Services (formerly NSOURCE<sup>SM</sup>)

Direct hire solutions connecting clients with highly skilled engineering and technical talent. Our prequalified network ensures competency fit and reduces hiring risk for critical long-term roles.

## ABM SERVICES



### Inspection & Testing Services

Certified inspection and testing to verify system performance and production readiness. Services include Test and Balance, construction clean verification, super-clean readiness, calibration, and NICEIN-certified electrical testing.



### Cleaning Services

Specialised cleaning for controlled environments across all phases including construction and super clean, cleanroom and aseptic cleaning, cleaning to client specifications, hazardous waste management, and FOUOPod cleaning.



### Support Services

Facility and production support services tailored to semiconductor campuses—mail and print, food service, reception, waste management, parking and shuttle operations, and production support for corrugate and dunnage.

## ABM Performance Solutions

Unifies facility, engineering, and infrastructure needs under one contract, delivering comprehensive MEP, utilities, compliance, and operations management with single-point accountability.

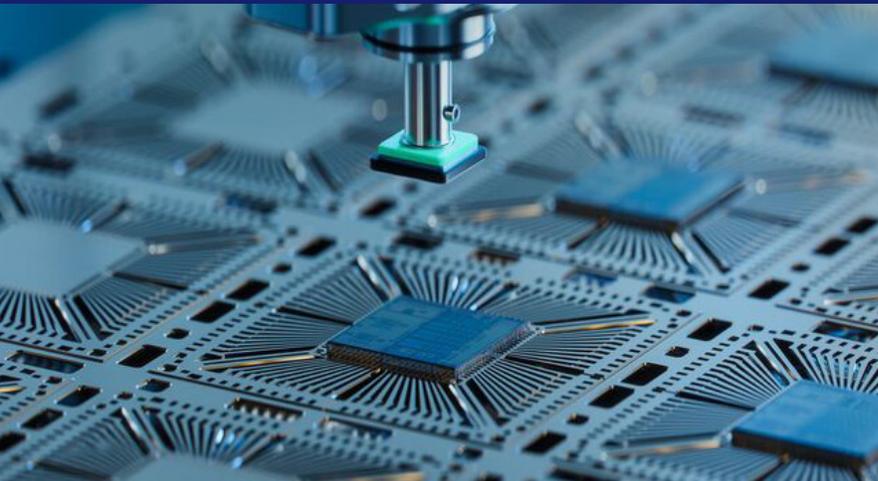
# Advancing semiconductor fabrication with a unique blend of scale and expertise

## ABM

The scalable operating backbone across facilities, utilities, cleaning, compliance, asset lifecycle, and KPI-driven operations. Delivered by 15,000+ team members with international reach.

## WGNSTAR

Deep tool, systems, and startup expertise including install, hook-up, rigging, commissioning, relocation, and decommissioning. Executed by specialists with decades of fab-specific experience.



### Most semiconductor service providers fall into one of two buckets:

1. Facilities operators who never touch tools
2. Tool specialists who leave once startup is complete

### WGNSTAR's integration into ABM breaks that model.

- **Faster ramps to first wafer:** Coordinated facility-tool readiness eliminates handoff delays
- **Reduced install and startup risk:** Single-team accountability prevents scope gaps and rework
- **Higher uptime and yield stability:** Integrated O&M prevents facility-tool conflicts causing unplanned downtime
- **Optimised CAPEX and OPEX:** Single partner reduces overhead and streamlines procurement

For more information or to speak with an expert, visit [ABM.com](https://www.abm.com).

## About ABM

We are an integrated services partner to the entire semiconductor ecosystem, supporting OEMs, construction partners, and fabs with the specialised expertise required to build, operate, and sustain advanced manufacturing environments. By combining facilities, workforce, and equipment support capabilities under one provider, ABM enables continuity, precision, and confidence across every phase of the semiconductor lifecycle.

## About WGNSTAR

We are a market leader defining how semiconductor companies look at workforce solutions. We find, develop, and lead the right people for the right jobs in an industry that continues to revolutionise the daily lives of people around the world. Through long-term engagement and collaboration with our clients, we build and support extended workforces that meet changing needs over time.

Our team understands the talent challenges facing semiconductor companies and are pioneering new approaches to outsourcing solutions for today, tomorrow—and beyond.

