

COMPANY OVERVIEW

ARM EnerTech Associates (AETA) is a proven automation, controls, and UL-certified panel fabrication partner with over 25 years of experience supporting light rail, commuter rail, and transit infrastructure, including some of the most demanding transportation environments in New York City. AETA delivers mission-critical solutions through an integrated approach combining electrical engineering, SCADA system design, and UL-certified panel fabrication, enabling transit agencies and prime contractors to reduce risk, improve schedule certainty, and maintain compliance with rigorous quality and safety standards.

ARM ENERTECH ASSOCIATES (AETA)

Headquarters: Mechanicsburg, PA
Additional Offices: Pittsburgh, Johnstown (PA)
· Manalapan (NJ) · Cary (NC)
ISO 9001:2015 Certified | UL 508A & UL
698A Certified Panel Fabricator
Established: 1976

CORE COMPETENCIES

Automation & Panelbuilding

- PLC programming, systems integration & vendor coordination
- SCADA systems including HMI development
- Protective relay design, panelbuild, and programming
- Power quality monitoring and relay integration
- Field troubleshooting and lifecycle maintenance
- Construction and electrical installation design
- PLC, network, protective relay & remote breaker control enclosures

DIFFERENTIATORS

- Over 25 years of proven NYC transit experience
- Integrated In-House Control Panel Design and UL-Certified Manufacturing
- ISO 9001 Certified QMS with Transit-Proven FAT, Documentation, and Audit-Ready Deliverables
- Our engineers combine electrical installation design and system integration expertise to ensure successful field wiring and seamless project delivery
- Highly credentialed, seasoned engineers with direct access to OEM partner support for complex, mission-critical systems

CERTIFICATIONS

NAICS CODES

541330; 541690; 221122; 485119; 485111; 485112

PSC CODES

R425; C211; R499; AJ11

PAST PERFORMANCE

NYC PATH World Trade Center Power Traction SCADA

Mission-critical PATH station controls supporting the post-9/11 reconstruction of the World Trade Center transportation hub.

NYC Amtrak Moynihan Train Hall SCADA Integration High-profile Amtrak facility delivered within an active rail terminal and integrated into existing legacy systems supporting regional and national rail operations.

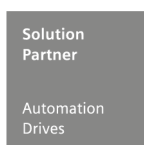
NYC MTA East Side Access Control & SCADA Design & Build

Major NYC transit expansion connecting Long Island Rail Road to Grand Central Terminal and recognized as one of the largest and most complex public works projects in the U.S. at the time.

NYC PATH Substation Control & SCADA Upgrades Federally funded post-Hurricane Sandy resiliency projects modernizing and hardening critical transit power infrastructure.

Dallas Area Rapid Transit (DART) Vehicle Control Unit

Design Light rail vehicle systems integration supporting modern, battery-assisted transit vehicles and next-generation rolling stock platforms.



BRONZE
System Integrator
A ROCKWELL AUTOMATION PARTNER



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