

ENGINEERED MEDIUM VOLTAGE SOLUTIONS FOR CRITICAL INDUSTRIAL SYSTEMS



EXPANSEELECTRICAL.COM

Complete, Turnkey MV System Solutions – *from Concept to Commissioning*

At Expanse, we deliver more than just component installation – we provide fully engineered, fully integrated medium voltage system solutions tailored for modern industrial operations. From initial design to startup and ongoing preventative maintenance, our in-house experts manage every detail, including switchgear, VFDs, motor controls, relay integration, SCADA systems, and compliance.

What Sets Us Apart

The Expanse Advantage

- Fully integrated services – no subcontracted engineering or testing
- MV power studies and system design
- Complete installation including decommissioning, removal, cabling, site rigging, energization
- Compliance with industry standards (ANSI, NETA)
- End-to-end project delivery with dedicated integration teams
- Trusted OEM partnerships – Authorized Rockwell Automation MV Integrator
- NICET-trained testing & commissioning technicians

DEPTH AND BREADTH OF EXPERTISE

Our team has decades of experience with switchgear, MCC, VFDs, relays, and cable systems. Our NICET-trained technicians perform ANSI/NETA-compliant testing to ensure safe, reliable performance on every project.

END-TO-END PROJECT EXECUTION

A dedicated integration team leads each MV project. Specialized crews handle every phase – engineering, equipment and MV cable installation, along with testing & commissioning – for efficient, expert-driven execution.

AUTHORIZED ROCKWELL INTEGRATOR WITH BROAD OEM EXPERIENCE

Expanse Electrical proudly holds the designation of Authorized Rockwell Automation MV Integrator, a credential that sets us apart in the industry. We also maintain deep experience with ABB, Toshiba, and WEG systems.

INTEGRATED LIFECYCLE SUPPORT

Expanse provides ongoing support beyond commissioning – preventative maintenance, system tuning, and upgrade paths – to keep your MV system reliable and future-ready.



Fully Integrated Medium Voltage System Solutions

Our capabilities span the entire lifecycle of your system from design to execution, preventative maintenance, and ongoing optimization.

CAPABILITIES & SOLUTIONS

- MV system and switchgear design
- VFD motor control systems and tuning
- SCADA and PLC integration
- Relay programming and protective device testing
- Cable design, pulling, termination, and testing
- Switchgear, transformer, and MCC installation
- Power system studies (ARC Flash, load flow, coordination)
- Startup, commissioning, and long-term maintenance

Start Your Project with Confidence

Whether upgrading infrastructure or building from scratch, Expanse offers unmatched reliability, coordination, and depth of expertise. Contact us to begin planning your medium voltage control system today.



BRONZE
System Integrator
A ROCKWELL AUTOMATION PARTNER



Why Expanse?

- 24/7 Emergency Response
- 70+ Years of Experience
- Turnkey Services & Solutions
- In-House Engineering Department
- Experienced Craftsmen
- Local Expertise on National Scale
- Customer Support Across Geographical & Operational Spectrums

EXPANSE®

NEW MEXICO
Carlsbad

NORTH DAKOTA
Williston

SOUTH DAKOTA
Sioux Falls

TEXAS

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FOR MORE INFORMATION

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