



Electrical & Control Systems Engineer

| UAN - 59C348

Department: Engineering / Electrical & Control Systems

Location: TBC

Type: Full-time

About the Role

We're looking for an Electrical & Control Systems Engineer to join MVG's engineering team and support the design and integration of control cabinets and industrial electrical enclosures. In this role, you will work on practical electrical design, control-system integration, and validation activities involving servo drives, PLC controllers, sensors, and related automation components. This is a strong opportunity for a hands-on engineer who enjoys multidisciplinary collaboration, technical troubleshooting, and occasional international travel for integration, operation, and customer support.

About MVG

MVG – Microwave Vision Group – is the global leader in electromagnetic field measurement solutions. With 400+ employees, offices across 4 continents, and over 25 years of consecutive growth, we help the world's most innovative companies test, validate, and push the boundaries of wireless technology. Our mission: Testing Connectivity for a Wireless World.

Join us to shape the future.

Responsibilities

Develop electrical drawings for control cabinets and industrial electrical systems.

Select and integrate components such as servo motors, PLCs, power supplies, safety devices, sensors, and field wiring interfaces.

Define wiring, grounding, protection, shielding, and EMC architecture for reliable system performance.

Collaborate with mechanical engineers on support panels, chassis design, and enclosure integration.

Participate in setup, activation, system validation, laboratory testing, and field deployment activities.

Troubleshoot electrical faults and support integration of drives, PLCs, I/O systems, motors, and sensors into complete control systems.

Create and maintain electrical drawings, wiring diagrams, technical documentation, installation manuals, maintenance documentation, and design records.

Requirements*

Bachelor's degree in Electrical Engineering, Electronics Engineering, or a related field.

Experience in electrical design of control cabinets or industrial electrical systems.

Experience with electrical CAD tools.

Understanding of grounding, shielding, EMC, and industrial wiring practices.

Practical experience in systems integration and troubleshooting.

Familiarity with servo motors, PLC systems, sensors, and industrial automation components.

Strong analytical and problem-solving skills with the ability to work effectively in a multidisciplinary team.

Nice to Have

Experience with motion control systems.

Familiarity with EtherCAT or other industrial field networks.

Experience with relevant safety circuits and standards.

Motivation to learn and develop in advanced motion control and automation technologies.

How to Apply

Send your CV and a short cover note to careers@mvg-world.com with the subject line: Electrical & Control Systems Engineer – Application. We review applications on a rolling basis and aim to respond within two weeks. We look forward to hearing from you!

**This role may require eligibility for access to classified or sensitive information under applicable national security laws. Possession of an active clearance is not required, and the company may conduct necessary background checks or request supporting documentation in compliance with applicable laws and regulations.*

MVG - Testing Connectivity for a Wireless World