

Low Voltage Electrical Design Engineer_SJBG

Job Title: Low Voltage Design Engineer - On-site/ Hybrid Remote

Location: St. Paul, MN

About Us

Advantage Point Group, Inc. is an engineering consulting firm specializing in facilities management systems design, including Fire Alarm, Paging, Evacuation, and Security Systems (FAPESS). Our expertise spans field and engineering services, construction and project management, architecture and design, and mechanical and electrical engineering. apgroup.net

Position Overview

Advantage Point Group, Inc. is seeking an experienced Low Voltage Design Engineer to design industrial and heavy commercial fire protection, alarm, security, card access and surveillance systems. The ideal candidate will have extensive knowledge of low voltage systems and a strong background in designing access control, security, and emergency response systems.

Key Responsibilities

- Design Card Access, Security Access Control, Video Surveillance, and CCTV systems for industrial applications.
- Design Fire Alarm, Paging, Evacuation, and Security Systems (FAPESS) to ensure compliance with industry standards and client requirements.
- Estimate project costs, manage projects, obtain bids, and manage system updates, including remodeling, drawing updates, and expanding coverage for existing systems.

Qualifications & Requirements

- Minimum 5 years of experience designing industrial/heavy commercial low voltage systems (Card Access, Security, CCTV, Paging, and Fire Alarm).
- Strong proficiency in AutoCAD (preferred but not required).
- Experience with designing and understanding electrical, architectural and construction drawings and blueprints.
- Proficiency with Microsoft Office Suite (Excel, Word, Outlook).
- Excellent written and verbal communication skills.
- Ability to listen, and interact with customers by phone, video and in-person to understand project specifications.
- Ability to work effectively in a team environment.
- Must be local to the greater Minneapolis/St. Paul area for in-person customer meetings and training.
- Automation/controls work is not part of this role.

A great opportunity for a strong CAD operator who has extensive knowledge of low voltage systems or designs and wants to make the move to project management or a technician with low voltage systems experience who wants to do design work instead of installs.

If you are a detail-oriented professional with expertise in low voltage design and a passion for delivering high-quality engineering solutions, we encourage you to apply NOW!

Pay: Up to \$45.00 per hour depending on qualifications and years of experience

Benefits: 401(k), 401(k) matching, Health insurance, Health Savings Account (HSA), Dental insurance, Life insurance, Vision insurance, Paid time off (PTO), holidays and a half over 40 hours per week.

To apply send resume to pesch@apgroup.net or apply here:

<https://advantagepointgroup.applytojob.com/apply/hNkJJDPKT/Low-Voltage-Design-Engineer-Onsite-Hybrid-Remote>