



POSITION TITLE: JR DESIGN ENGINEER

DIVISION: Security

JOB STATUS: Full-Time

FLSA STATUS: Non-Exempt

SUPERVISOR: General / Operations Manager

POSITION SUMMARY:

The Jr. Design Engineer assists in establishing and retaining electronic security systems on various platforms and with multiple customer programs. This position is responsible for installing and maintaining security systems and/or fire alarm wiring and equipment and to ensure that work is in compliance with relevant codes.

ESSENTIAL FUNCTIONS:

- Review the customer requirements and collaborate with all team members to gather required information to assist in quoting and designing the fire alarm and security systems.
- Plan and design system drawings and schematics for commercial, residential, and industrial buildings using Computer Aided Design (CAD) software.
- Adhere to all applicable fire, life safety and building codes including manufacturer instructions, National Fire Prevention Association (NFPA) codes and standards and local building code compliance requirements.
- Conduct field reviews and surveys to verify accuracy of completed design.
- Perform battery/load calculations for wiring and other components.
- Interpret architect drawings/specifications, blueprints, and construction documents.
- Plan and coordinate stock listing and material for installation and project execution.
- Meet client and customer needs by executing efficient project management, communication and problem-solving skills.
- Follow all safety policies and protocols during on-site visits.
- Build and maintain strong customer and vendor relationships.
- Adhere to all state and federal laws and regulations regarding safety and health.
- Follow standard operating procedures for efficient business operations.
- Maintain clear and accurate operator document/procedures for reference purposes.
- Represent the company in a professional manner, in person, writing and vehicle performance.
- Ensure compliance with company standards and procedures.
- Participate in training and certification activities as needed.
- Perform additional duties as determined by the Company.

Position Title: Installation Technician (Continued)

QUALIFICATIONS:

- High School Diploma or GED, and Technical Certificate (preferred, but not required).
- One (1) plus year relevant work experience required.
- Understanding of NFPA and local authorities having jurisdiction requirements.
- Proficient in Windows-based CAD, AutoCAD design software or other fire protection design software.
- Strong computer skills including Microsoft Office, MS Word and Excel
- NICET certification preferred, but not required as training and professional development are provided.
- IDS, ACS, and Camera Systems experience is a must.
- Lenel Certification a plus
- DMP certification a plus.
- Current DCJS registration a must.
- Proven record of honesty and integrity in all relationships.
- Demonstrated ability to work collaboratively with others.
- Excellent communication and time management skills.
- Must be legally authorized to work in the United States.
- May be required to provide a DMV record (depending upon contract).
- May be required to obtain a security clearance (depending upon contract).

PHYSICAL REQUIREMENTS:

ACTIVITY	NOT APPLICABLE	OCCASSIONAL Y	FREQUENTL Y	CONSTANTLY
Standing				√
Walking				√
Sitting				√
Reaching			√	
Crawling			√	
Climbing			√	
Bending			√	
Kneeling / Squatting			√	
Pushing / Pulling			√	
*Lifting		√		

***May be required to lift items up to 75 pounds.**

Reasonable Accommodations Statement: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Reasonable accommodations may be made to enable

qualified individuals with disabilities to perform the essential functions.

ENVIRONMENTAL CONDITIONS:

Over 50% of the time is spent working inside an environmentally controlled office, of which the noise level is usually quiet to moderate. Vehicle and/or air travel may be common. Over 50% of the time is spent working outside, including exposure to various climates and conditions. Safety equipment and gear may be required.