

JOB DESCRIPTION

Job Title: Senior Manager, Train Control Systems

FLSA Status: Exempt

Salary Grade: 11A

PURPOSE OF POSITION

The Senior Manager, Train Control Systems, will manage the overall network operations of the positive train control application under the general direction of the Chief Technology Officer. The Senior Manager, Train Control Systems will provide continuous development to the train control network and application systems which protects the movement of trains and the underlying safety systems such as the Positive Train Control (PTC) that support the overall Train Control System.

DISTINGUISHING CHARACTERISTICS

The classification is not part of a job series.

SUPERVISION EXERCISED AND RECEIVED

- Receives general oversight from director and executive level management
- Responsible for supervising and monitoring performance for a regular group of employees or department

ESSENTIAL DUTIES AND RESPONSIBILITIES

The duties listed below are intended to describe the general nature and level of work being performed and are not to be interpreted as an exhaustive list of responsibilities.

- Responsible for managing all departmental services and activities including but not limited to the administration, operation and support of train control systems and infrastructure to achieve established availability and service levels.
- Manage contractors performing routine maintenance and troubleshooting under railroad back office systems maintenance service contract.
- Manage installation and testing end user computing, server components, applications, operating systems and upgrades to ensure compatibility with overall train control networking operations.
- Maintain accurate inventory of all hardware and software release levels; investigate application, hardware and network failures.
- Analyze, evaluate and plan network systems and end user computing environment to achieve optimal efficiency in workflow by analyzing user requirements, procedures and training needs.
- Conduct research on emerging technologies in support of infrastructure development efforts; recommend technologies that will increase cost and infrastructure flexibility and resolve network and end user computing performance issues.
- Perform disaster recovery testing at local datacenters and other outlying locations. Maintain accurate inventory all hardware and software release levels.
- Manage datacenter support infrastructure including generators, UPS's and HVAC systems.
- Develop and track project schedules and coordinate and facilitate activities and commitments with other departments and functions.



- Monitor developing legislation related to assigned area of responsibility; recommend and implement equipment, practice and procedural improvements.
- Review projects, system designs, and procurement plans for impact and integration within the overall Train Control Systems environment.
- Participate in the preparation and administration of assigned program budget; monitor expenditures.
- Communicate with other departments, contractors, consultants and third parties about requirements and project needs.
- Define project scope, goals and deliverables that support business goals in collaboration with senior management stakeholders.
- Monitor and evaluate staff to establish training needs within the department and ensure staff meets objectives and expectations.
- Prepare analytical and statistical reports on assigned project operations and activities, including but not limited to memorandums and instructional manuals.
- Respond to emergencies on a 24-hour, 7 days a week, 365 days a week operation.
- The responsibilities outlined above are representative of the role but not exhaustive. Additional duties may be assigned as needed, and reasonable accommodations will be provided to qualified individuals with disabilities in accordance with applicable laws.

MINIMUM QUALIFICATIONS

Education and Experience

- Bachelor’s Degree in Networking, or closely related technology field.
- A minimum of five (5) years of working in a 24/7 operations center environment providing tier 2/3 operational support
- A minimum of five (5) years of work experience managing and supervising personnel, contracts and consultants.
- Experience working with complex operations systems/ software such as dispatch, enterprise management, or other mission-critical systems of software.
- A combination of training, with a minimum of an Associate Degree and/or experience that provides the required knowledge, skills, and abilities, may be considered when determining minimum qualifications. Advanced relevant coursework may also substitute for a portion of the required experience.

Preferred Qualifications

- Experience with Wabtec TMDS, CAD, BOS, MDM, I-ETMS or other train control systems
- Experience in railroad operations and have or obtain General Code of Operating Rules (GCOR) certification within one year

Knowledge, Skills, and Abilities

Knowledge of:

- Enterprise applications and closed network environments.
- Rail transportation policies, rules and procedures, and public agency environment.
- Third party agreements, party, rights and indemnifications.
- Principles and practices of budget preparation and administration.



Skilled In:

- Analyzing financial data, cost reports, and general cost estimates.
- Organizational, planning and prioritization
- Microsoft Office.
- Strong and effective leadership, team building, communication, and time management

Ability to:

- Maintain relationships with appropriate railroad or functional industry partners. Ensure problems are prevented through analysis, measurement and process improvements.
- Read and understand prints and technical specifications relevant to infrastructure improvements, etc.
- Provide clear direction and policies to eliminate or reduce potential conflicts.
- Write technical scope of work and estimate costs.
- Make recommendations to changes in department policies and standards.

PHYSICAL REQUIREMENTS

- Transition between a stationary position at a desk or work location and move about Metrolink facilities or other work site locations
- Operate tools to perform the duties of the position, such as computers, office equipment, and work-related machinery
- Transport equipment or boxes up to 25 lbs
- Exchange ideas by means of communication
- Visual acuity to detect, identify, and observe employees or train movement and any barriers to movement when working on or near railroad tracks
- Hear and perceive the nature of sounds when working on or near railroad tracks
- Balance, ascend/descend, climb, kneel, stoop, bend, crouch, or crawl within assigned working conditions and or locations

Working Conditions

Position requires work in a normal office environment with little exposure to excessive noise, dust, or temperature. Work may also be conducted in outdoor environments, at construction sites, Railroad Track and Right-of-Way environments, and warehouse environments, with possible exposure to individuals who are hostile or irate, moving mechanical parts, and loud noises (85+ decibels, such as heavy trucks, construction, etc.)

Southern California Regional Rail Authority is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Authority will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

Last Updated: October 2025

