METROLINK

JOB DESCRIPTION

Job Title: Director, Train Control Systems, Network Operations
FLSA Status: Exempt
Salary Grade: 12

PURPOSE OF POSITION
The Director, Train Control Systems, Network Operations, will maintain day-to-day oversight and management of the railroad's mission-critical back office network control systems, including, but not limited to, computer-aided dispatching (CAD), PTC Back Office Server (BOS) network management, and other systems necessary to support the safe, reliable, and efficient operation of trains.

DISTINGUISHING CHARACTERISTICS
This job description is not part of a job series.

SUPERVISION EXERCISED AND RECEIVED
- Receives general oversight from Executive level management
- Responsible for managing and monitoring work performance of a division 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.
Develop, implement, and administer multi-year and near-term goals and objectives of train control network systems, as well as policies and procedures necessary to provide quality service.

- Provide strategic and tactical planning, development, evaluation, and implementation of ITC compliant Positive Train Control (PTC) systems.
- Facilitate communication between staff, management, vendors, consultants and other technology re-sources within organization.
- Monitor all projects related to selection, acquisition, development and installation of major train control and train monitoring network systems.
- Assess and maintain the condition of the network control hardware and software located at the various SCRRA dispatch and operating centers.
- Develop and administer operating budget for areas of responsibility including but not limited to the an-nual operating, rehabilitation and capital budgets; monitor expenditures.
- Conduct research on emerging railroad control technologies in support of infrastructure development ef-forts and recommend technologies.
- Collaborate with other SCRRA managers and departments to accomplish mutual objectives.
- Review and assess quality and efficiency of the installation and testing of new desktop and on-board com-ponents, new applications, operating systems and upgrades.
- Monitor and evaluate departmental staff and a team of contractors to establish training needs within the department and ensure objectives and expectations are met, along with compliance to policies and proce-dures.
- Direct the preparation and processing of all Board items in relation to departmental goals and objectives

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1

- 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 Technology, Engineering, or Computer Science.
- A minimum of ten (10) years of work experience for a Class 1, Intercity Passenger, or Commuter Railroad employee or contract employee
- A minimum of five (5) years of work experience in a 24/7 railroad operations center environment directing a team that provides operational support (i.e. dispatch center, network operations center, or other similar operational support environment).
- A combination of training, education, 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

None

Knowledge, Skills, and Abilities

Knowledge of:
- Railroad work environment and operation
- Railroad train control systems including ITC compliant PTC and Wabtec TMDS/I-ETMS CAD, BOS, and MDM
- Local and wide area network design, implementation and operation for railroad train control centers
- General Code of Operating Rules (GCOR) or MoW GCOR

Skilled In:
- Analysis and problem solving
- Effective communication, team building, time management, and leadership skills

Ability to:
- Provide clear direction and reduce potential conflicts
- Build team cohesiveness
- Manage contracts

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: July 2025