CEWA Office

DATE: OCTOBER 27, 2026

JOB POSTING #20855

REAL TIME SYSTEMS ANALYST I

DIVISION: ***SYSTEM OPERATIONS***

LOCATION: ***VEGREVILLE, AB***

SALARY: ***$4,235.13 - $4,856.54 BI-WEEKLY*** ***JOB CLASS NUMBER: 450100***

RELOCATION: ***NO RELOCATION ASSISTANCE WILL BE PROVIDED TO THE SUCCESSFUL CANDIDATE***

Reporting to the Supervisor, Operational Technology Support, this position contributes to the team that is responsible for:

- Providing customer focused support to the System Operations Center by monitoring and maintaining the process control system (SCADA/EMS/ADMS) and providing hardware and software support for SCADA servers, workstations, network equipment, etc.
- Providing customer focused support to the System Operations Centre by maintaining DMZ servers, workstations, network equipment, etc.
- Supporting systems used to provide both electronic and physical security for ATCO Electric's Critical Infrastructure and works with the Cyber Security Office and other operational groups to maintain compliance with the Alberta Reliability Standards for Critical Infrastructure Protection (ARS CIP).

RESPONSIBILITIES:

System Administration:

Administer and maintain SOC computer systems in support of users.

- Perform preventative maintenance monitoring of hardware and software programs for the SCADA/EMS/ADMS servers, workstations, local area network, security devices and associated equipment.
- Perform preventative maintenance monitoring of hardware and software programs for the equipment used for electronic and physical security and ARS CIP compliance – e.g. firewalls, Intrusion Detection Systems (IDS), Security Information and Event Management (SIEM), patch management systems, physical access control systems, malware prevention systems, etc.
- Collect evidence required for ARS CIP compliance.
- Perform database maintenance and management, performance and security monitoring, system backups, and general system administration as required.
- Provide timely response and resolution to LINUX and Windows operating system problems as well as process control software problems. This includes mandatory participation in the OnCall rotation.
- Support hardware and software enhancements to the SCADA/EMS/ADMS system and compliance DMZ systems. This includes planning future system growth, researching technologies, writing business cases, developing work-plans, implementing and testing enhancements with an emphasis on total quality.
- Perform regular system backups and archiving of system data.
- Administer user accounts on the SCADA system.

System Monitoring and Maintenance

Plan and schedule functions designed to optimize computer system support and performance – including fault correction activities.

- Monitor and maintain system security through checking of intrusion detection logs, system logs, updating antivirus definitions, installing operating system patches, etc.
- Generate problem tickets for the Team Lead to review and assign when problems are found
- Monitor system performance, disk storage capacity, system batch queues, hardware/software/network error messages.

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- Perform daily system integrity checks which include analyzing system logs, performing system diagnostics, etc. for the SCADA computer and network.

- Implement database changes and additions which includes pre-commissioning of status, analog, control and setpoint types of data to v[illegible] database integrity. This work is related to r[illegible]RTU/PLC additions and modification of existing site[illegible]
- Configure SOC computer equipment such as SCADA servers, workstations, firewalls, authentication servers, intrusion detection servers, disk drives, terminal servers, modems, printers, routers, etc.
- Restore system/user files as required for data retrieval or fault recovery.

Travel

- Periodically operate company vehicles and maintain valid operator's license.
- Adhere to all applicable safety standards and legislative traffic laws.

QUALIFICATIONS:

- Diploma in Computer Systems Technology, Computer Engineering Technology or Network Engineering Technology) from a recognized technical institute.
- A university degree from a recognized university in a computer science or computer engineering related field would be an asset.
- Two years of experience in three or more of the following areas:
  - Installation, maintenance, monitoring and troubleshooting of cyber security measures including firewalls, IDS/IPS, SIEMs, etc.
  - Structured programming in higher level languages, such as "C", python and shell scripting.
  - Working with and administering a variety of operating system including Windows and Linux with an emphasis on working with command line programs.
  - Installing, upgrading, maintaining and troubleshooting Intel x86/x64 based workstations and servers.
  - Administering and maintaining a SCADA/EMS/ADMS application or process control software.
  - TCP/IP network administration including installing, configuring, maintaining and troubleshooting Cisco network equipment (switches, routers and firewalls) and Windows and Linux based network hosts.
- Preference will be given to applicants with a wider range of experience in these areas.
- Excellent problem solving, written and oral communication, analytical, interpersonal and team skills.
- Valid Class 5 operator's license.

For further information please contact Scott Heinrich, Supervising Engineer, Operational Technology at 780-984-9009 or by email at Scott.Heinrich@atco.com.

This position is administered under the Canadian Energy Workers Association Collective Agreement, Job Posting provisions. Please apply online with your ATCO Talent Profile through Oracle **ON OR BEFORE NOVEMBER 10, 2026.** It is important for applicants to ensure their ATCO Talent Profile or resume details the required qualifications stated above, including any other supporting career information. Late applications will not be considered.

If the Company is unable to fill this vacancy through this internal Job Posting process, it may choose to advertise for external applicants. Bargaining unit members who apply on an advertisement for external applicants will be eligible to compete for the Job on the same basis as any other external candidate; the Job Posting provisions under the Collective Agreement will not apply.

Issued: October 27, 2026 **Application Deadline: November 10, 2026**

PLEASE DO NOT REMOVE FROM BULLETIN BOARD BEFORE NOVEMBER 11, 2026