



City of Naperville
Employment Opportunity

Job Title:	Network Security Engineer – Operational Technology (OT) (3024)
Closing Date:	When filled
Salary:	\$94,971.26 – \$104,468.39 per year
Job Type:	
Location:	
Department:	

Job Description:

The City of Naperville's Electric Utility is currently seeking an Operational Technology (OT) Security Engineer to provide network security for the defense and lifecycle operations of critical assets within a complex, blended, IT and OT environment for the City's Electric Utility.

The OT Security Engineer is primarily responsible for the design, deployment, monitoring, and maintenance of security controls across IT, Smart Grid, and OT infrastructure within the City's Electric Utility. This role supports the secure operation of critical systems by implementing and maintaining network security monitoring, vulnerability management, asset management, intrusion detection/prevention systems (IDS/IPS), incident response capabilities, security operations, and remediation programs tailored to a converged IT/OT environment.

The anticipated hiring range for this position is \$94,971.26 – \$104,468.39 per year, commensurate with credentials and experience. The Pay Grade for this position is E250. For additional information, please [click here](#).

Responsibilities:

- Assists in the installation, maintenance, monitoring, and troubleshooting of network security infrastructure, such as firewalls, intrusion detection/prevention systems, and secure connectivity solutions.
- Implements best practices in compliance with NERC/CIP, where applicable.
- Monitors security advisories and supports the application of required security updates, patches, and preventative measures across networked systems.
- Uses security and diagnostic tools to conduct basic testing of services, devices, and network components to validate proper operation of patches and implemented controls.
- Reviews audit logs to identify potential security threats and assist in maintaining network monitoring, vulnerability scanning, and intrusion detection programs.
- Supports sustainable encryption, remote access, and secure communication strategies for internal users and systems.
- Collaborates with Network Security Engineers and the broader IT team on projects involving system integration, monitoring enhancements, and defense-in-depth improvements.
- Assists in preparing procedures, technical documentation, diagrams, and reports to document security activities and provide reference materials.
- Helps train technical support staff on security policies, procedures, and best practices.
- Stays informed on industry trends, technologies, and emerging threats to support continuous improvement of the organization's security posture.
- Provides backup support to Network Security Engineers and System Administrators, assuming administrative responsibilities as assigned.
- Assists in resolving escalated end-user issues and support general technical troubleshooting as needed.
- Performs all other duties as assigned.

Qualifications:

Required

- A Bachelor's Degree in Computer Science or a related field.
- 3-years of professional experience in the network security or cybersecurity fields.
- Demonstratable experience in the cybersecurity, network security, information security analysis, or cyber security fields.
- Valid Cisco Certified Network Associate – Security (CCNA – Sec) or CompTIA Security+ certification, or the ability to obtain one of these certifications within twelve (12) months of hire.
- A valid State of Illinois driver's license.

Preferred

- A Master's Degree in Computer Science or a related field.
- Valid Cisco Certified Network Associate (CCNA) or CompTIA Network+ certification.
- Valid CCNA – Security or CompTIA Security+ certification.
- Valid SANS GIAC or GRID.
- Experience with ISA/IEC 62443.
- Demonstratable experience in the cybersecurity, network security, information security analysis, or cyber security fields as applied to ICS, SCADA, Protection & Control (P&C), and/or Distributed Control Systems DCS (e.g., intrusion detection systems & design, OT incident response, vulnerability management, etc.).

Additional Information:

The City of Naperville, Illinois is a dynamic community of 153,000 residents, conveniently located 28 miles west of Chicago. Various publications have named Naperville as one of the best cities in the United States in which to live. The City has gained national recognition for our family-friendly environment, excellent schools and library system, low crime rate, and vibrant downtown area. It's also a great place to work! Our municipal government employs over 900 dedicated individuals in a wide range of job categories and provides a collaborative working environment, a forward-looking leadership team, and a competitive benefits package.

[Click here](#) to learn more about the benefits offered by the City of Naperville.

APPLY ONLINE AT:

<http://www.naperville.il.us/careers>

Applications should be completed thoroughly, and resumes will not be accepted in lieu of an application but should be attached to the application. Include all requested education, experience, attachments, and other information when applying. Incomplete applications are subject to rejection. Notifications to applicants will be sent electronically to the email address provided in the application.

THE CITY OF NAPERVILLE IS AN E. O. E.

[CLICK HERE](#) for the City of Naperville's EEOP Utilization Report

The City of Naperville complies with the Americans with Disabilities Act (ADA). Individuals needing accommodations in the recruitment process should notify Human Resources in advance at (630) 305-7066.