



Calgary

City Auditor's Office

ISC: Unrestricted
AC2021-1099 ATT2

Industrial Control Systems Security Audit

Why we did this

- The City has increasingly adopted an environment in which physical processes moved away from isolated, manually controlled operational technology systems to interconnected controlled equipment. Industrial Control Systems (ICS), which are used to monitor and control industrial processes, are a major segment within the operational technology sector.
- Operational technology systems are potentially vulnerable to the types of security challenges more common to information technology systems, including malicious hacking.

What we concluded

- The City has taken initial steps in implementing ICS security organizational controls.
- We identified areas of improvement and provided seven recommendations to further strengthen The City's ICS cybersecurity capabilities.

Why it matters

- ICS systems are critical components behind the delivery of safe services for Calgarians.