

Cyber Security Detect Posture Audit

PURPOSE

The purpose of this report is to communicate the outcome of the Cyber Security Detect Posture Audit, including Administration's response and corrective actions.

PREVIOUS COUNCIL DIRECTION

Bylaw 30M2004 (as amended) established the position of City Auditor and the powers, duties, and functions of the position. In accordance with Bylaw 30M2004 (as amended), the City Auditor reports the outcome of all audits to the Audit Committee (including Administration's response and corrective actions to be taken in regard to specific recommendations). The City Auditor is accountable to Council and subject to the oversight of Audit Committee under Bylaw 33M2020.

RECOMMENDATIONS

That the Audit Committee:

1. Receive this report for the Corporate Record;
2. Recommend that Council receive this report for the Corporate Record; and
3. Recommend that Attachment to Report AC2025-0359 and Closed Meeting discussions remain confidential pursuant to Sections 20(1)(k) and (m) of the Freedom of Information and Protection of Privacy Act, to be reviewed by 2040 May 15.

HIGHLIGHTS

- What does this mean to Calgarians? The City Auditor's Office provides independent and objective audit assurance services to add value to The City of Calgary and enhance public trust.
- Why does it matter? The City uses over 600 applications to support internal and external service delivery. Effective identification of cybersecurity events is critical to support The City's uninterrupted service delivery, and to protect sensitive data. In today's rapidly evolving digital landscape, cybersecurity is an ever-changing challenge that requires constant vigilance and adaptability. The growing prevalence of emerging technologies such as artificial intelligence (AI), data science, and quantum computing has dramatically altered the threat landscape, introducing new complexities and risks. These technologies not only enhance the capabilities of cyber attackers but also accelerate the speed at which they can exploit vulnerabilities, making it critical for organizations to detect and respond to cybersecurity events in a timely manner.

RISK

Recommendations in this audit report support Administration in their on-going mitigation activities related to the Technological Disruption Principal Corporate Risk.

ATTACHMENTS

1. CONFIDENTIAL Cyber Security Detect Posture Audit – AC2025-0359 ATT

Cyber Security Detect Posture Audit

DEPARTMENT CIRCULATION

Name	Title, Department or Business Unit	Approve/Consult/Inform
Liz Ormsby	City Auditor	Approve
David Duckworth	Chief Administrative Officer	Inform
Les Tochor	Chief Financial Officer	Inform
Jill Floen	City Solicitor/General Counsel	Inform
Chris Arthurs	General Manager, PICS	Inform
Jan Bradley	Director, IT	Inform
Mike Tillotson	Director, Corporate Security	Inform

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