

Update on the Confirmation Program's Remediation Plans for City IT Divisions, Agencies, and Corporations

Date: June 17, 2022

To: General Government and Licensing Committee

From: Chief Information Security Officer

Wards: All

REASON FOR CONFIDENTIAL INFORMATION

The attachment to this report includes information about the security of assets belonging to the City of Toronto.

SUMMARY

City Council directed the Chief Information Security Officer (CISO) to report the details of any City Agency or Corporation that is not adhering to their 30-, 60- or 90-day remediation plans to the July 4, 2022, General Government and Licensing Committee meeting. This report provides an update on the adherence of City agencies and corporations to the City's cybersecurity confirmation program and an overview of the overall City of Toronto cyber security maturity.

RECOMMENDATIONS

The Chief Information Security Officer recommends that:

1. City Council direct that Confidential Attachments 1 and 2 remain confidential in their entirety, as they involve the security of property belonging to the City of Toronto.

FINANCIAL IMPACT

Any costs associated with addressing the details on both confidential attachments have been included in the 2022 operating budget.

DECISION HISTORY

On April 6, 2022, City Council request the Chief Information Security Officer to report, on an exception basis, the details of any City Agency or Corporation that is not adhering to their 30, 60 or 90 day remediation plans, to the April 29, 2022, June 7, 2022 and July 4, 2022 General Government and Licensing Committee meeting.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2022.GL29.16>

On December 15, 16 and 17, 2021, City Council request the Chief Information and Security Officer to report to the March 22, 2022 meeting of the General Government and Licensing Committee on the matters identified in the confidential attachment to motion 1 by Councillor Stephen Holyday.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.GL27.29>

On November 9, 10 and 12, 2021, City Council request the City Manager to report to the next meeting of the Audit Committee on the ongoing governance structure that will be in place to effectively identify, plan for and mitigate cybersecurity risks across the City of Toronto, including all City divisions, agencies and corporations, and the governance framework to ensure that City divisions, agencies and corporations are effectively managing their cybersecurity risks and responding as new risks arise.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.AU10.4>

On April 7 and 8, 2021, City Council requested the Chief Information Security Officer to report to the General Government and Licensing Committee on a biannual basis regarding the City-wide cybersecurity program,

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.AU8.5>

Other cybersecurity-related reports and City Council decisions include:

Audit of Information Technology Vulnerability and Penetration Testing – Phase 1:
External Penetration Testing

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.AU5.10>

Information Technology Vulnerability Assessment and Penetration Testing - Wrap-up of Phase I and Phase II

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2017.AU8.6>

Cyber Safety: A Robust Cybersecurity Program Needed to Mitigate Current and Emerging Threats

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2019.AU4.1>

Cyber Safety - Critical Infrastructure Systems: Toronto Water SCADA System
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2020.AU5.6>

Cybersecurity Incidents at the City and its Agencies and Corporations: Integrated Incident Response Plan is Needed
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.AU8.9>

Information Technology Projects Implementation: Information Privacy and Cybersecurity Review of Human Resource System
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.AU8.8>

COMMENTS

Status of the Confirmation Program and the City's Cyber Maturity

This report contains two confidential attachments that provide detail on the overall cyber security health of the City:

Attachment 1: Provides updates and adherence of City agencies and corporations to the City's cybersecurity confirmation program.

Attachment 2: Provides an overview of the overall City of Toronto cyber security maturity.

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SIGNATURE

Abiodun Morolari
Chief Information Security Officer

ATTACHMENTS

Confidential Attachment 1 - Status of the Confirmation Program

Confidential Attachment 2 - City of Toronto Cyber Maturity Progress