



Cyber Security Assessment

Town of Perth East

Executive Summary

The Township of Perth East engaged Red Canari to perform a cyber security assessment of its internal, wireless and physical IT assets and policies. The engagement consisted of four main assessments, including a review of IT policies and procedures, an internal black box enterprise penetration test of Perth East's corporate infrastructure, a physical security assessment of three municipal locations and a black box wireless security assessment on three access points used at the Township's municipal offices. This report outlines the summary of findings and recommended safeguards.

1.1 Summary of Findings

An assessment of the Township of Perth East's physical and internal IT infrastructure identified opportunities for malicious actors to access IT equipment and devices using trivial techniques because of a lack of access controls in both physical and virtual environments. A Wi-Fi security assessment found that three access points (APs) which are currently in use at municipal offices are well protected from external intrusions. However, this review did find opportunities for the Township of Perth East to further harden its security posture. The following are the most notable vulnerabilities uncovered during these engagements:

1. See Appendix A

1.2 Conclusion

To mitigate the risks identified during this penetration test, Red Canari recommends the following:

1. See Appendix B

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