

Ministry of Transportation and Infrastructure

An Independent Audit of The Regional Transportation Management Center's Cybersecurity Controls Released October 2017

<http://www.bcauditor.com/pubs>

Initial PAC Meeting- 16 January 2018

Rec. #	OAG Recommendations	Action Planned	Target Date	Assessment of Progress by Entity ¹	Action Taken ²
1.	We recommend that the Ministry of Transportation and Infrastructure conduct risk assessments of the RTMC operational environment and ensure appropriate security controls are implemented.	The Ministry of Transportation and Infrastructure will perform a subsequent risk assessment for the RTMC operational environment once all actions are completed.	December 31, 2019	Partially Implemented	The Ministry of Transportation and Infrastructure has conducted a risk assessment on the Auditor General's findings.
2.	We recommend that the Ministry of Transportation and Infrastructure maintain an inventory of all system components (hardware and software) authorized to access the RTMC networks and implement mechanisms to discover any unknown components on the network.	The Ministry of Transportation and Infrastructure is maintaining inventories on an ongoing basis and is investigating systems to help.	October 31, 2018	Partially Implemented	Working closely with the Office of the Chief Information Officer, the Ministry of Transportation and Infrastructure has updated its existing inventories of all hardware and software system components.

¹The Select Standing Committee on Public Accounts (PAC) will request an update (i.e Assessment of Progress and Actions Taken column completed) on a yearly basis from the audited organization until all recommendations are fully implemented or otherwise addressed to the satisfaction of the PAC.

² This action plan and their subsequent updates have not been audited by the OAG. However, at a future date that Office may undertake work to determine whether the entity has accurately represented their progress in addressing the recommendations. The results of that work will be reported in a separate report prepared by the OAG.

Please provide your email response to:

Email: Comptroller General's Office of the Government of British Columbia Comptroller.General@gov.bc.ca

Rec. #	OAG Recommendations	Action Planned	Target Date	Assessment of Progress by Entity ¹	Action Taken ²
3.	We recommend that the Ministry of Transportation and Infrastructure establish and maintain secure baseline configurations for all RTMC system components.	The Ministry of Transportation and Infrastructure is establishing and will maintain secure baseline configurations for all RTMC system components	December 31, 2019	Partially Implemented	Working closely with the Office of the Chief Information Officer, the Ministry of Transportation and Infrastructure has conducted assessments to establish secure baseline configurations.
4.	We recommend that the Ministry of Transportation and Infrastructure conduct ongoing vulnerability assessments and remediation for RTMC systems.	The Ministry of Transportation and Infrastructure will perform monthly vulnerability assessments and fix any new vulnerabilities found.	June 30, 2018	Partially Implemented	Working closely with the Office of the Chief Information Officer, the Ministry of Transportation and Infrastructure has performed vulnerability assessments and fixed all critical vulnerabilities found.
5.	We recommend that the Ministry of Transportation and Infrastructure ensure that the use of system administrative accounts for RTMC systems is properly controlled.	The Ministry of Transportation and Infrastructure is continuing to make further improvements on the controlled use of system administrative accounts.	July 31, 2019	Partially Implemented	Working closely with the Office of the Chief Information Officer, the Ministry of Transportation and Infrastructure has reviewed systems' administrative accounts and made all possible modifications.

Prepared by: Ministry of Transportation and Infrastructure

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