

Item 9.1.2



**HALIFAX**

## **KPMG Assessment Activity Update**

# Audit Scope

KPMG was engaged pursuant to our engagement letter dated September 22, 2016, to assess the overall current state controls within the Halifax Regional Municipality's information, communications and technology (ICT) and Halifax regional police (HRP) business units related to the ongoing IT service delivery of HRP IT systems and processes in the current state and provide recommendations on changes required in the future state through the development of a risk remediation roadmap for HRP's IT control framework.

We have used the ISO 27001/02 framework as the basis for our review and this report outlines our current state assessment and high level findings related to the confidentiality, integrity and availability of HRP systems and information.

From this review we have developed a detailed risk registry for any noted risks outlining the issues identified, our proposed recommendations and a tracking mechanism to be used by HRP as a separate deliverable.



# Capability Maturity Model

**Information Security Ratings** are evaluated according to the information security approach adopted by the organization. This includes selected controls or solutions, deployment strategy, metrics, system monitoring, organizational plans, and so forth.

The ratings are organized in five categories: Initial, Developing, Defined, Managed and Optimizing. Optimizing being the highest rating which would indicate that an organization is postured for continuous improvement in the rated category.

Rating	Description
(1) Initial	Ad hoc, no processes, uncontrolled, reactive and/or undocumented.
(2) Developing	Developing processes, repeatable results and/or informal documentation.
(3) Defined	Defined processes, consistent results and/or formal documentation.
(4) Managed	Defined metric generating processes, predictable results and/or integrated formal risk-based documentation.
(5) Optimizing	Defined optimizing processes, audited measurable objective-base results and/or formal risk-improvement-based documentation.

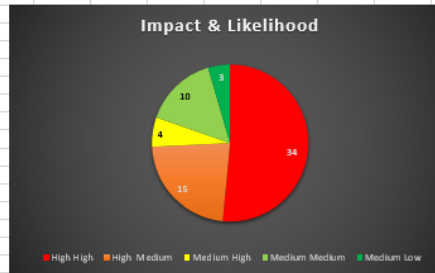


# Capability Maturity Model

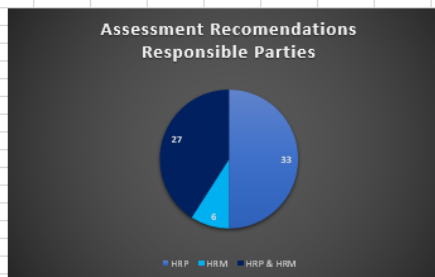


# Assessment Implementation Status

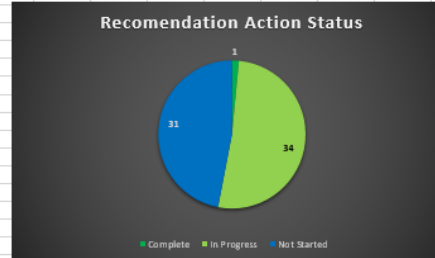
Recommendations		
Impact	Likelihood	Value
High	High	34
High	Medium	15
Medium	High	4
Medium	Medium	10
Medium	Low	3
Total		66



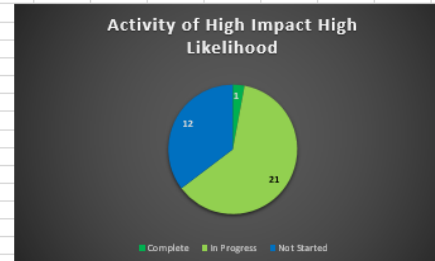
Number of Recommendations	
Business Unit	Value
HRP	33
HRM	6
HRP & HRM	27
Total	66



Recommendation Activity	
Status	Value
Complete	1
In Progress	34
Not Started	31



Activity High Impact High Likelihood	
Status	Number
Complete	1
In Progress	21
Not Started	12
Total	34



# Comments and Questions



HALIFAX