Information Security Technology Roadmap

Larry Carson | Associate Director Information Security Management

Information Security facilitates the delivery of effective information security services and acts as an enabler for our customers who need safe and secure computing environments. We strive to objectively identify information security risks to the university and provide guidance in identifying tolerable levels of risk for the organisation.

We support learning, research and community engagement at UBC; furthermore we enable UBC students, faculty and staff to excel by:

- Focusing on reducing the risks to the UBC community, with respect to the protection and appropriate handling of its digital information assets;
- Ensuring a high standard of customer service, through the delivery of risk appropriate security for UBC's core data assets;
- Building inclusive and collaborative relationships with our community to actively identify and deliver effective solutions, such as tools, practices, standards, policies and strategies that empower the university in safely reaching its mission goals; and
- Providing outstanding information security leadership.

Year	Milestones
2010	Identify an Information Security Management System and Risk Framework for UBC Design a Prioritisation Tool for UBC's Information Assets Facilitate Payment Card Industry compliance for UBC
2011	Deploy the Information Security Framework (Version 1) across major Faculties and Administrative units at UBC Initiate an Information Security Education & Awareness Programme for UBC
2012	Deploy the Information Security Framework (Version 2) across major Faculties and Administrative units at UBC; Deploy Version 1 to units not covered in 2011.
2013	Deploy the Information Security Framework (Version 3) across major Faculties and Administrative units at UBC; Deploy Version 2 to units not covered in 2012.
2014	Deploy the Information Security Framework (Version 4) across major Faculties and Administrative units at UBC; Deploy Version 3 to units not covered in 2013.

- Sophos Enterprise Console Deployment for Payment Card Industry (PCI) compliance
- ISO 27002 Security Control Framework
- Build Prioritisation Tool

- Deploy Prioritisation Tool to remaining units
- Security awareness training extended to students
- Patch Management Solution for UBC
- Build & Deploy Risk Assessment, Gap Analysis & Self Audit Tools V2
- Deploy GRC Tools
- Deploy IDS/IPS or Next Generation Firewall w integrated IDS/IPS

- Build & Deploy Risk Assessment, Gap Analysis & Self Audit Tools V4

2010   2011   2012   2013   2014

- Pilot & deploy Prioritisation Tool to major units
- Asset Management Solution for managing UBC Information Assets
- Deploy CBT based security awareness training to UBC employees
- Build & Deploy Risk Assessment, Gap Analysis & Self Audit Tools V1
- Deploy Penetration testing service
- Deploy SIEM solution

- Build & Deploy Risk Assessment, Gap Analysis & Self Audit Tools V3
- Deploy File Integrity Monitoring Tools