INFORMATION SECURITY GUIDELINE

Information Security Tools

Anti-virus: UBC has licensed Sophos Anti-Virus for all University owned systems, as well as for home systems of employees and students. Information on the UBC licensed version can be found on the UBC IT anti-virus site.

Email Server Security: UBC has licensed Sophos PureMessage for the protection of UBC departmental email servers from phishing, spam and other malware. Information on the UBC licensed version can be found on the UBC IT PureMessage site.

Certificates: X.509 TLS certificates may be purchased under the University's Enterprise account by contacting security@ubc.ca.

FASmail (UBC Faculty and Staff Email): FASmail is an email service that fully complies with University policies and facilitates delegation of privileges. This service enables Users to share access to their calendars and email, should they choose, without sharing passwords.

Firewall: UBC has commercial tools available for both Network and Host-based firewalls.

> **Network Firewall:** UBC IT can provide departments with a virtual network firewall at no charge. Details can be found on the UBC IT Virtual Firewall website.

> **Host-based Firewall:** UBC has licensed Sophos Endpoint Security and Control as a host-based firewall solution for departmental systems. Information on the UBC licensed version can be found on the UBC IT PureMessage and Enterprise Console site.

Secure Storage: UBC IT provides a couple of options for secure storage at the University:

> **UBC Storage Grid (USG):** The USG provides on-demand fully managed and secure storage, housed in University datacentres.

> **Home Drive Storage Service:** Frequently referred to as the H-Drive, this service is available to all employees and is provisioned on per-unit basis. It provides 20 GB of secure, fully managed storage that is accessible to the employee, which it's provisioned for, anywhere on campus.

Security Awareness Training: UBC has licensed training, which is available in brief 1 to 7 minute video modules for all employees and graduate students. The training can be accessed on the UBC Learning Management System site.

Virtual Desktop Interface (VDI): The UBC VDI connection will ensure that Confidential Information remains stored on secure servers at UBC but can be accessed and used as if it were stored on the remote device (laptop, desktop, thin client, tablet or smartphone).

Encryption Services: To help mitigate risks associated with physical loss or theft, computer hard drives (and other devices such as USB keys and flash drives) can be encrypted to prevent unauthorized access to information. http://www.it.ubc.ca/services/security/encryption-services

Workspace: A simple, secure, and easy to use file sharing service, hosted within UBC that enables users to share documents with internal and external users.

SharePoint Server: Microsoft Office SharePoint Server is used by organizations and businesses for content management and so staff can collaborate on projects and share schedules with one another. As listed on the MS SharePoint product page, the technology is used for:

- Collaboration and Social Computing
- Enterprise Content Management
- Portals
- Business Process and Forms
- Enterprise Search
- Business Intelligence