

Desktops Standards Architecture – January 2016

INTRODUCTION

The details presented represent the current suite of standards associated with a MS Windows-based platform for staff and student services.

This standard is being implemented as part of the Student Desktop Service (SITL) within centrally managed IT laboratories and also is the basis of the Supported Staff Environment (SSE) operated by Information Services.

DESKTOP STANDARDS ARCHITECTURE

	Microsoft Windows 7 Deployments
Core Applications Common Applications Office Productivity Web Browser(s) ¹	<ul style="list-style-type: none"> • Microsoft Office Professional Edition 2016 • Internet Explorer Version 11 • Google Chrome v34 • Adobe Reader XI • SCCM client
Student Systems ² (additions to “Common 3 Applications”)	<ul style="list-style-type: none"> • Microsoft Expression Studio Web 4 • SPSS v22 • Mindview V4 • TextHELP Read & Write Gold V10 • SCCM Client
Administrative Staff Systems (additions to “Common 4 Applications”)	<ul style="list-style-type: none"> • MS Access excluded from default configuration ⁵ • MS Outlook 2016 • Oracle 8i (8.1.7.0.0) • Cognos Impromptu V7.3
Security Considerations Virus Protection Firewall Data Encryption ⁶ Workstation Image Protection	<ul style="list-style-type: none"> • McAfee 8.8 (with ePO) • Windows Firewall • Applied to laptops which must have TPM security feature. • Windows Group Policies

Operating System ⁷	<ul style="list-style-type: none"> Microsoft Windows 7 Enterprise 6.1 64-bit (A 32-bit version is available for users who need to use full Cognos-Impromptu reporting tools) 	
Hardware Specification	Memory	4 Gb
	Processor Type	Intel Core i3-2120
	Processor Speed	3.30 GHz Dual Core
	Hard Disk ⁸	250 Gb SATA drive
	Energy Rating	E-Star 5
	TPM Chip	To be standard on laptops or other devices that will host sensitive information necessitating an encryption standard.

1. Plugins and utilities...Adobe Reader XI, Adobe Flash Player 19, Adobe Shockwave Player 12, QuickTime, Java RE, MS Silverlight, VLC Media Player
2. Subject to SITL annual review
3. Additional plugins and Utilities: Adobe Shockwave, FileOpenSystems Plugin for Adobe Reader, Refworks Write-N-Cite, Citrix ICA Client
4. Additional plugins and utilities for Administrative applications...Student Reports Menu, FMX, Integra Client, Banner Access Web Link
5. In cases where it is mandatory to have the application approval must be obtained for its deployment
6. To be identified by Information Assurance Working Group
7. Where appropriate, ISD will release a technical Data Sheet to define key configuration settings e.g. security aspects of operating system as registry settings. A 'standard' configuration version will be made available for use University-wide
8. All administrative desktops deployed will have My Documents re-directed to the user's HOME directory on a server with all business-critical files being required to be held on networked storage.