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Information Technology Products v4.6

The Information Technology Product list entails all technologies supported by the organization and serves as a guideline for all technology purchasing and use decisions, including hardware, software, peripherals, and network components. The primary goals of developing and implementing such a product list are:

- To ease purchasing decisions by pre-evaluating and pre-approving technology solutions.
- To reduce training and support costs and create economies of scale by narrowing the number of technologies and products used.
- To ensure integration and interoperability between technologies.
- To set parameters for future technology innovation and development.

The following technologies were selected based on prevalence in the organization or – in the case where two or more competing technologies previously existed – on an assessment of relative quality and performance as dictated by business needs.

Please refer to this document when making a purchasing decision or when selecting technologies as part of a development project. Sections of this document may be extracted and used as part of project charters or other agreements where technology parameters should and must be set, such as in the case of contracted work.

OPERATING SYSTEMS/DESKTOP				
Component	Tactical	Strategic	Next Review	Comments
Desktop Operating System	Windows 7 Enterprise	Microsoft Windows 8	TBD	
Server Operating System	Microsoft Windows Server 2008 32-bit Microsoft Windows Server 2008 R2 64-bit	Microsoft Windows Server 2012	TBD	
Desktop Workstation	Dell OptiPlex 780	Dell OptiPlex 990	TBD	
	Dell Precision T5500	Dell Precision T5600		
Laptop Computers	Dell Latitude E-Series	N/A	TBD	
Internet Browser	Microsoft IE 9.0, Google Chrome 12+*	Microsoft IE Future Versions, Google Chrome 12+*	TBD	* Google Chrome is allowed only for development and testing purposes
SERVERS				
Component	Tactical	Strategic	Next Review	Comments
Application Servers	Virtual Machines	Virtual Machines	TBD	Virtual Machines are preferred over dedicated physical hardware when requirements allow
	HP Proliant G7 Servers	HP Proliant G8 Servers		
Database Servers	Virtual Machines	Virtual Machines	TBD	Virtual Machines are preferred over dedicated physical hardware when requirements allow

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	HP Proliant G7 Servers	HP Proliant G8 Servers		
Department Servers	Virtual Machines	Virtual Machines	TBD	Virtual Machines are preferred over dedicated physical hardware when requirements allow
	HP Proliant G7 Servers	HP Proliant G8 Servers		
Web Servers	Virtual Machines	Virtual Machines	TBD	Virtual Machines are preferred over dedicated physical hardware when requirements allow
	Dell 1955	HP Proliant G8 Servers		
Hypervisor Servers	VMWare Virtual Infrastructure 4	VMWare Virtual Infrastructure 5	TBD	
	HP Proliant BL490C G7	HP Proliant G8		
LOCAL AREA NETWORK				
Component	Tactical	Strategic	Next Review	Comments
Protocols	IPv4	IPv6	TB	
Performance	100mb to desk, 1gb backbone	10G back bone	TBD	
Network Hardware	Cisco 3750's, 6500's, 7200's	Cisco Nexus 5xxx, 2xxxx Series, Cisco 376x, 39xx Series	TBD	
Components				
Network Operating System	IOS	N/A	TBD	
WIDE AREA NETWORK				
Component	Tactical	Strategic	Next Review	Comments
Protocol	Ethernet	N/A	TBD	Additional Protocols: OC3 / DS3 for internet links
Performance	100mb on Primary links	N/A	TBD	600Mbps Ethernet private Line on Primary links / 100Mbps minimum on other connected buildings
Topology	Point to Point	MPLS	TBD	
NETWORK MANAGEMENT				
Component	Tactical	Strategic	Next Review	Comments
Management Software	N/A	TBD	TBD	
Monitoring Software	Orion	TBD	TBD	
Remote Control Software	N/A	TBD	TBD	
Asset Management	Wasp Asset Management SW	TBD	TBD	
Backup/Availability	Cirrus / Orion	TBD	TBD	
STORAGE				
Component	Tactical	Strategic	Next Review	Comments
Media	EMC VNX	EMC VNX	TBD	
	EMC VMAX	EMC VMAX		
Backup Software	EMC Networker	N/A	TBD	
WIRING				
Component	Tactical	Strategic	Next Review	Comments

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Topology	N/A	N/A	TBD	
Media	SAN - Fiber 4gb - LAN CAT6	Datacenter Backbone 10gb	TBD	
SECURITY				
Component	Tactical	Strategic	Next Review	Comments
Firewalls	Nokia/Checkpoint	N/A	TBD	
Server Certificates	Verisign	N/A	TBD	
Client Certificates	Microsoft PKI	N/A	TBD	
Virus Detection	Symantec AV	Symantec End-Point Protection	TBD	
Intrusion Detection	N/A	TBD	TBD	
REMOTE ACCESS AND VIRTUAL PRIVATE NETWORKS				
Component	Tactical	Strategic	Next Review	Comments
Connections	200	TBD	TBD	
Remote Access Servers	Cisco VPN	TBD	TBD	
INTERNET ACCESS				
Component	Tactical	Strategic	Next Review	Comments
Connections	Corporate Wide	TBD	TBD	
Availability of Sites	Websense Managed	TBD	TBD	
Video/Audio Streaming	Available - Yes	TBD	TBD	
MESSAGING AND TELECOMMUNICATIONS				
Component	Tactical	Strategic	Next Review	Comments
Electronic Mail	Microsoft Exchange 2010	Microsoft Exchange 2010	TBD	
	w/ Microsoft Outlook 2007	w/ Microsoft Outlook 2010		
Fax	DMS Fax SaaS Konica Minolta BizHub C5XX Series Multifunction Units	DMS Fax SaaS Konica Minolta BizHub C5XX Series Multifunction Units	TBD	
Telephony System	Siemens Hipath 4000 - VoIP	N/A	TBD	
Voice Mail	Siemens Expressions	N/A	TBD	
Instant Messaging	Microsoft Office Lync	Microsoft Office Lync	TBD	
Directory Services	Microsoft Active Directory	N/A	TBD	
Message Broker	N/A	N/A	TBD	
OFFICE AUTOMATION				
Component	Tactical	Strategic	Next Review	Comments
Word Processing	Microsoft Word 2007	Microsoft Office 2010	TBD	
Spreadsheet	Microsoft Excel 2007	Microsoft Office 2010	TBD	
Design Tools	Microsoft Visio 2010	Microsoft Visio 2013	TBD	
Presentation	Microsoft PowerPoint 2007	Microsoft Office 2010	TBD	
DOCUMENT COPYING/IMAGING				
Component	Tactical	Strategic	Next Review	Comments
Imaging Scanners	Kodak 640	TBD	TBD	
Photocopiers	Not Specified	TBD	TBD	
Image editing tools	Microsoft Paint GIMP 2.8 paint.net Adobe Photoshop CS6 Adobe Lightroom 3.6 Adobe Fireworks CS6 Adobe Illustrator CS6	Microsoft Paint GIMP 2.8 Adobe Photoshop CS6 Adobe Fireworks CS6 Adobe Illustrator CS6	TBD	

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MOBILE/WIRELESS COMPUTING				
Component	Tactical	Strategic	Next Review	Comments
Protocol	N/A	TBD	TBD	
Handheld Operating System	Blackberry,IOS	NA	TBD	
Personal Digital Assistants	Blackberry,Good Technology	NA	TBD	
Cellular Phones	Blackberry/Sprint Handheld units	TBD	TBD	
DATA MANAGEMENT				
Component	Tactical	Strategic	Next Review	Comments
Databases	Microsoft SQL Server 2008 Microsoft SQL Server 2008 R2 Microsoft SQL Express	Microsoft SQL Server 2008 R2 Microsoft SQL Server 2012 R2 Microsoft SQL Express	TBD	
Query Tools	Cognos	Cognos	TBD	
VIDEO CONFERENCING				
Component	Tactical	Strategic	Next Review	Comments
High End	Polycom 8000	TBD	TBD	
Midrange	Polycom 500	TBD	TBD	
Desktop	Polycom Desktop	TBD	TBD	
HTML AUTHORIZING AND WEB PUBLISHING				
Component	Tactical	Strategic	Next Review	Comments
Web Site Content/Design	Not Specified	TBD	TBD	
Accessibility	Standard	TBD	TBD	
HTML Creation/Conversion/Editing	Not Specified	TBD	TBD	
Drawing/Illustration	Not Specified	TBD	TBD	
APPLICATION DEVELOPMENT METHODOLOGY AND TIERS				
Component	Tactical	Strategic	Next Review	Comments
Presentation Tier				
	Spring 3.0.x, 3.1 MVC	Spring 3.1 MVC		
	Spring Web Flow 1.0.5	Spring Web Flow 2.x		
	JSP 2.0	JSP 2.1		
	JSTL 1.1.2			
	jQuery 1.4.x	jQuery 1.5.x		
	jSpell Evolution 1.x	jSpell Evolution 1.x		
	FCK Editor	FCK Editor		
	Datejs	Datejs		
	Fusion Charts	Fusion Charts		
	Nyromodal 2.0	Nyromodal 2.0		
	JUSH (Syntax Highlighter)	JUSH (Syntax Highlighter)		
	JsChartViewer (cdjcv.js)	JsChartViewer (cdjcv.js)		
	Multipart Fileupload 1.2.x	Multipart Fileupload 1.2.x		
	QUnit.js	QUnit.js		
	Simply Buttons, version 2.0	Simply Buttons, version 2.0		
	jCrumb jquery 1.0	jCrumb jquery 1.0		
	jQuery Alpha Numeric	jQuery Alpha Numeric		
	jQuery Context Menu 1.0.0	jQuery Context Menu 1.0.0		
	jQuery Cookie	jQuery Cookie		

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	jQuery Datatables 1.7.x	jQuery Datatables 1.7.x		
	jQuery Form 2.6.x	jQuery Form 2.6.x		
	jQuery Gradient 1.0	jQuery Gradient 1.0		
	jQuery Livequery 1.x	jQuery Livequery 1.x		
	jQuery Maskedinput 1.2.x	jQuery Maskedinput 1.2.x		
	jQuery Mousewheel 3.0	jQuery Mousewheel 3.0		
	jQuery Simple Templates plugin 1.1.1	jQuery Simple Templates plugin 1.1.1		
	jQuery TinySort 1.0.2	jQuery TinySort 1.0.2		
	jQuery Tools	jQuery Tools		
	jQuery Tooltip 1.x	jQuery Tooltip 1.x		
	jQuery Transform Plugin	jQuery Transform Plugin		
	jQuery positionBy 1.0.7	jQuery positionBy 1.0.7		
	jQuery.tableDnD 0.5	jQuery.tableDnD 0.5		
	jQuery Corners 2.x	jQuery Corners 2.x		
	jQuery hoverIntent	jQuery hoverIntent		
	jquery localisation v1.0.4.	jquery localisation v1.0.4.		
	jquery onImagesLoaded	jquery onImagesLoaded		
	jquery.bgiframe-2.1.x.js	jquery.bgiframe-2.1.x.js		
	jquery.numberformatter 1.1.2	jquery.numberformatter 1.1.2		
	jsTree 1.0-rc1	jsTree 1.0-rc1		
	json2xml 0.9-p5	json2xml 0.9-p5		
	searchFilter v1.2.9	searchFilter v1.2.9		
	Blueprint 1.1	Blueprint 1.1		
Service Tier				
	Spring 3.0.x, 3.1	Spring 3.0.x, 3.1		
Web Service Tier				
	JAXB 2.0	JAXB 2.1		
	Spring Web Services 1.5.x	Spring Web Services 2.0.x		
	SOAP 1.1, WSDL 1.1	SOAP 1.2, WSDL 1.1		
	MTOM (attachments)	MTOM (attachments)		
	WS-I Basic Profile 1.0	WS-I Basic Profile 1.1		
	WS-Security 1.1 (for non-attachment messages)	WS-Security 1.1 (for non-attachment messages)		
	HttpDigest Authentication (MTOM messages)	HttpDigest Authentication (MTOM messages)		
Security				
	Spring 3.0.x	Spring 3.0.x		
Software Configuration Management				
	Perforce 2009.1			
	Jenkins 1.4	Jenkins 1.4		
	Nexus 1.8.x, Nexus Pro 1.8x	Nexus/Nexus Pro 1.9.x		
	Maven 3.0			
	Apache Ant 1.8.x			
	IVY 2.x			
Data Access Tier				
	Spring JDBC 3.0.x,3.1	Spring JDBC 3.1		

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	Microsoft SqlJdbc Driver 1.2	Mircrosoft SqlJdbc Driver 1.4		
	Apache Commons DBCP 1.4	Apache Commons DBCP 1.4		
	IBM DB2 Driver 9.x	IBM DB2 Driver 9.x		
	Tomcat Jdbc Pool 1.6	Tomcat Jdbc Pool 1.6		
	DBUnit 2.2	DBUnit 2.4		
Development and Runtime Platforms				
	Oracle Java 7 (1.7.x)	Oracle Java 7 (1.7.x)		
	Oracle Jrockit 6.x	Oracle Jrockit 7.x		
	Perl Interpreter 5	Perl Interpreter 5		
	Dynamic Code Evolution VM 0.2	Dynamic Code Evolution VM 0.2		
Developer Support Tools				
	JDK6.x	JDK7.x		
	IntelliJ IDEA 10.x	IntelliJ IDEA 12.x		
	Aqua Data Studio 9.0	Aqua Data Studio 9.0		
	Junit 4.x	Junit future versions		
	EasyMock			
Application Performance Management Tools				
	Wily Introscope 9.0	Wily Introscope 9.0		
	HP Load Runner 11.0	HP Load Runner 11.0		
	JProfiler 6	Jprofiler 7		
	HTTP Analyzer 7.x	HTTP Analyzer 7.x		
	JMeter 2.x	JMeter 2.x		
	Soap UI 4.5	Soap UI 4.5		
	Weblogic Analytics Tool 2.1	Weblogic Analytics Tool Future Versions		
	DB2Mon, nmon, perfmon	DB2Mon, nmon, perfmon, Dynatrace, HP SiteScope, HP Diagnostics		
	vCenter Server 4.0	vCenter Server 4.0		
	perfmon(windows), topas(AIX), nmon(AIX)	perfmon(windows), topas(AIX), nmon(AIX)		
	SQL Server Management Studio 2008	SQL Server Management Studio 2008		
	IDERA SQL Diagnostics Manager	IDERA SQL Diagnostics Manager		
	IDERA SQL Admin toolset	IDERA SQL Admin toolset		
	Oracle Enterprise Manager 11g	Oracle Enterprise Manager 11g		
Web Server/ Container				
	Apache HTTP 2.2.x	Apache HTTP 2.3	TBD	
	Apache Tomcat 6.x	Apache Tomcat 7.x	TBD	
Application Communication Middleware				
		JMS 1.1		
	Http/Http(s)	Http/Http(s)		
	ftp/Sftp	ftp/Sftp		
	POP/SMTP	POP/SMTP		

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Reporting				
	iTextPDF iText 5.0.0	Future Versions		
	Aspose.Total for Java	Future Versions		
	Sawmill Universal Log Analysis and Reporting	Future Versions		
	Fusion Charts	Future Versions		
PROJECT MANAGEMENT				
Component	Tactical	Strategic	Next Review	Comments
Project Management Software	Microsoft Project 2007, Rally, Daptive PPM	Microsoft Office Project 2010, Rally, Daptiv PPM	TBD	