ATTACHMENT A – ENCRYPTION PRODUCTS

This information is intended as a representative list of encryption software, rather than an assertion that any of these tools will meet DSHS business partners' needs, or will help them comply with HIPAA. Nearly any encryption software will need to be configured to provide the appropriate protection. DSHS business partners are required by contracts to protect confidential and sensitive DSHS data by applying encryption on computers and data storage devices where DSHS data is stored. It is up to the business partner to determine the product that will meet HIPAA requirements prior to purchasing and/or using encryption products listed below or other encryption products not listed. DSHS does not have the resources to provide support to business partners in meeting this requirement.

NOTE: Windows 7 Ultimate or Enterprise versions come with Bitlocker encryption at no additional charge. Full hard disk encryption is recommended over folder encryption. Full hard disk encryption provides the most protection as staff can store data anywhere on their device and it will be encrypted, whereas, folder encryption will depend on the user to consistently store data only to the folder or portion of the drive that is encrypted. This leaves room for user error.

Health and Human Services (HHS) link http://www.hhs.gov/ocr/privacy/hipaa/administrative/breachnotificationrule/brguidance.html regarding encryption requirements.

Software	Full Disk Encryption	Folder Level Encryption	Windows	Mac	Linux	URL
DESLock+ Pro	x	x	x			https://www.deslock.com/products.php
Jetico BestCrypt Volume Encryption	x		x			https://www.jetico.com/products/enterprise-data-protection/bestcrypt-volume-encryption
McAfee Complete Data Protection	x	x	x	x		http://www.mcafee.com/us/products/complete-data-protection.aspx
Microsoft BitLocker	x		x			http://windows.microsoft.com/en-us/windows7/products/features/bitlocker
Microsoft Encrypting File System			x			http://technet.microsoft.com/en-us/library/cc700811.aspx
Red Hat/Linux Unified Key Setup-on-disk-format (LUKS)	x				x	https://access.redhat.com/documentation/en-US/Red_Hat_Enterprise_Linux/7/html/Security_Guide/sec-Encryption.html#sec-Using_LUKS_Disk_Encryption
Symantec Drive Encryption	x		x	x	x	http://www.symantec.com/drive-encryption/

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