

Manufacturer Disclosure Statement for Medical Device Security – MDS²

SECTION 1

Device Category Class II	Manufacturer Vital Images, Inc.	Document ID VLC-09049	Document Release Date Feb/3/20
Device Model Vitrea	Software Revision 6.7.5	Software Release Date	Feb/3/20
Manufacturer or Representative Contact Information:	Company Name Vital Images, Inc. Representative Name/Position Tiffany DuGal / Product Manager	Manufacturer Contact Information 5850 Opus Parkway Suite #300, Minnetonka, MN 55343 952-487-	

MANAGEMENT OF ELECTRONIC PROTECTED HEALTH INFORMATION (ePHI)	Yes	No	N/A
1. Can this device transmit or maintain electronic Protected Health Information (ePHI)?			Yes
2. Types of ePHI data elements that can be maintained by the device:			
a. Demographic (e.g., name, address, location, unique identification number)?			Yes
b. Medical record (e.g., medical record #, account #, test or treatment date, device identification number)?			Yes
c. Diagnostic/therapeutic (e.g., photo/radiograph, test results, or physiologic data with identifying characteristics)?			Yes
d. Open, unstructured text entered by device user/operator?			Yes
3. Maintaining ePHI - Can the device			
a. Maintain ePHI temporarily in volatile memory (i.e., until cleared on by power-off or reset)?			Yes
b. Store ePHI persistently on local media?			Yes
c. Import/export ePHI with other systems?			Yes
4. Mechanisms used for the transmitting, importing/exporting of ePHI – Can the device			
a. Display ePHI (e.g., video display)?			Yes
b. Generate hardcopy reports or images containing ePHI?			Yes
c. Retrieve ePHI from or record ePHI to removable media (e.g., disk, DVD, CD-ROM, tape, CF/SD card, memory stick)?			Yes
d. Transmit/receive or import/export ePHI via dedicated cable connection (e.g., IEEE 1073, serial port, USB, FireWire)?			Yes
e. Transmit/receive ePHI via a network connection (e.g., LAN, WAN, VPN, intranet, Internet)?			Yes
f. Transmit/receive ePHI via an integrated wireless connection (e.g. WiFi, Bluetooth, infrared)?			Yes
g. Other? _____			N/A

ADMINISTRATIVE SAFEGUARDS	Yes	No	N/A
5. Does manufacturer offer operator and technical support training or documentation on device security features?			Yes
6. What underlying operating system(s) (including version number) are used by the device? _____			
Microsoft Windows Server 2008 R2 SP1 Standard x64 Edition (servers only)			
Microsoft Windows Server 2012 R2 Standard x64 Edition (servers only)			
Microsoft Windows 7 Professional 32-bit Edition with SP1 (clients only)			
Microsoft Windows 7 Professional 64-bit Edition with SP1 (clients and workstations)			
Microsoft Windows 8.1 Professional 64-bit Edition (clients and workstations)			

PHYSICAL SAFEGUARDS	Yes	No	N/A
7. Are all device components maintaining ePHI (other than removable media) physically secure (i.e. cannot remove without tools)?			No
8. Does the device have an integral data backup capability (i.e., backup onto removable media like tape, disk)?			No
9. Can the device boot from uncontrolled or removable media (i.e., a source other than an internal drive or memory component)?			No

TECHNICAL SAFEGUARDS	Yes	No	N/A
10. Can software or hardware not authorized by the device manufacturer be installed on the device without the use of tools?			Yes
11. Can the device be serviced remotely (i.e., maintenance activities performed by service person via network or remote connection)?			Yes
a. Can the device restrict remote access to specific devices or network locations (e.g., specific IP addresses)?			No
b. Can the device provide an audit trail of remote-service activity?			No
c. Can security patches or other software be installed remotely?			Yes
12. Level of owner/operator service access to device operating system: Can the device owner/operator			
a. Apply device manufacturer-validated security patches?			Yes
b. Install or update antivirus software?			Yes
c. Update virus definitions on manufacturer-installed antivirus software?			Yes
d. Obtain administrative privileges (e.g. access operating system or application via local root or admin account)?			Yes
13. Does the device support user/operator specific username and password?			Yes
14. Does the system force reauthorization after a predetermined length of inactivity (e.g., auto logoff, session lock)?			No

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	Tiffany DuGal / Product Manager		

15. Events recorded in device audit trail (e.g., user, date/time, action taken): Can the audit trail record.....
- a. Login and logout by users/operators?..... Yes
 - b. Viewing of ePHI?..... Yes
 - c. Creation, modification or deletion of ePHI?..... Yes
 - d. Import/export or transmittal/receipt of ePHI?..... No
16. Does the device incorporate an emergency access (“break-glass”) feature that is logged?..... No
17. Can the device maintain ePHI during power service interruptions?..... No
18. Controls when exchanging ePHI with other devices:.....
- a. Transmitted only via a point-to-point dedicated cable?..... N/A
 - b. Encrypted prior to transmission via a network or removable media?..... Yes
 - c. Restricted to a fixed list of network destinations..... Yes
19. Does the device ensure the integrity of the ePHI data with implicit or explicit error detection/correction technology?..... No

Other Security Considerations

No additional security concerns identified.

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SECTION 2

EXPLANATORY NOTES (from questions 1 - 19)

IMPORTANT: Refer to Section 2.2.2 of this standard for the proper interpretation of information requested in this form

1. The term "device" herein refers to the VitreaAdvanced[®] software and /or license. Vital Images does not manufacture hardware system software and /or components.
2. The VitreaAdvanced[®] software can create audit logs that list user actions to ePHI data. ePHI information available to users is in DICOM data and Reports. Any time a user loads a dataset, creates snapshots or batches, exports, reports on, prints, burns to media from VitreaAdvanced, action is logged in an audit log file
3. Vital Images, Inc. does not manufacture hardware or operating system software and /or components which may extend these functions.
4. Vital Images, Inc. Technical Support can use WebEx or VPN for remote application (Vitrea[®]) support
5. Vital Images, Inc. does not provide customers with Anti-Virus Definition Files, Operating System Security or Service Packs. Customer is responsible for managing hardware security and software update policies.

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Manufacturer or Representative Contact Information:	Company Name Vital Images, Inc. Representative Name/Position Tiffany DuGal / Product Manager	Manufacturer Contact Information 5850 Opus Parkway Suite #300, Minnetonka, MN 55343 952-487-9500	

MANAGEMENT OF ELECTRONIC PROTECTED HEALTH INFORMATION (ePHI)	Yes	No	N/A	Note #
1. Can this device transmit or maintain electronic Protected Health Information (ePHI)?	Yes			2
2. Types of ePHI data elements that can be maintained by the device:				
a. Demographic (e.g., name, address, location, unique identification number)?	Yes			
b. Medical record (e.g., medical record #, account #, test or treatment date, device identification number)?	Yes			
c. Diagnostic/therapeutic (e.g., photo/radiograph, test results, or physiologic data with identifying characteristics)?	Yes			
d. Open, unstructured text entered by device user/operator?	Yes			
3. Maintaining ePHI - Can the device				
a. Maintain ePHI temporarily in volatile memory (i.e., until cleared on by power-off or reset)?	Yes			
b. Store ePHI persistently on local media?	Yes			
c. Import/export ePHI with other systems?	Yes			
4. Mechanisms used for the transmitting, importing/exporting of ePHI – Can the device				
a. Display ePHI (e.g., video display)?	Yes			
b. Generate hardcopy reports or images containing ePHI?	Yes			
c. Retrieve ePHI from or record ePHI to removable media (e.g., disk, DVD, CD-ROM, tape, CF/SD card, memory stick)?	Yes			
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e. Transmit/receive ePHI via a network connection (e.g., LAN, WAN, VPN, intranet, Internet)?	Yes			
f. Transmit/receive ePHI via an integrated wireless connection (e.g. WiFi, Bluetooth, infrared)?	Yes			
g. Other?			N/A	

ADMINISTRATIVE SAFEGUARDS	Yes	No	N/A	Note #
5. Does manufacturer offer operator and technical support training or documentation on device security features?	Yes			
6. What underlying operating system(s) (including version number) are used by the device?				
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Microsoft Windows 8.1 Professional 64-bit Edition (clients and workstations)				

PHYSICAL SAFEGUARDS	Yes	No	N/A	Note #
7. Are all device components maintaining ePHI (other than removable media) physically secure (i.e. cannot remove without tools)?		No		3
8. Does the device have an integral data backup capability (i.e., backup onto removable media like tape, disk)?		No		3
9. Can the device boot from uncontrolled or removable media (i.e., a source other than an internal drive or memory component)?		No		3

TECHNICAL SAFEGUARDS	Yes	No	N/A	Note #
10. Can software or hardware not authorized by the device manufacturer be installed on the device without the use of tools?	Yes			
11. Can the device be serviced remotely (i.e., maintenance activities performed by service person via network or remote connection)?	Yes			4
a. Can the device restrict remote access to specific devices or network locations (e.g., specific IP addresses)?		No		3
b. Can the device provide an audit trail of remote-service activity?		No		3
c. Can security patches or other software be installed remotely?	Yes			
12. Level of owner/operator service access to device operating system: Can the device owner/operator				
a. Apply device manufacturer-validated security patches?	Yes			5
b. Install or update antivirus software?	Yes			
c. Update virus definitions on manufacturer-installed antivirus software?	Yes			
d. Obtain administrative privileges (e.g. access operating system or application via local root or admin account)?	Yes			
13. Does the device support user/operator specific username and password?	Yes			
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a. Login and logout by users/operators?.....	Yes	2
b. Viewing of ePHI?.....	Yes	2
c. Creation, modification or deletion of ePHI?.....	Yes	2
d. Import/export or transmittal/receipt of ePHI?.....	No	3
16. Does the device incorporate an emergency access ("break-glass") feature that is logged?.....	No	3
17. Can the device maintain ePHI during power service interruptions?.....	No	3
18. Controls when exchanging ePHI with other devices:.....		
a. Transmitted only via a point-to-point dedicated cable?.....	N/A	3
b. Encrypted prior to transmission via a network or removable media?.....	Yes	
c. Restricted to a fixed list of network destinations.....	Yes	
19. Does the device ensure the integrity of the ePHI data with implicit or explicit error detection/correction technology?.....	No	3

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4. Vital Images, Inc. Technical Support can use WebEx or VPN for remote application (Vitrea[®]) support
5. Vital Images, Inc. does not provide customers with Anti-Virus Definition Files, Operating System Security or Service Packs. Customer is responsible for managing hardware security and software update policies.