

REQUESTING SERVICE: MEDICAL IMAGING SERVICES
SHIP TO: VA MEDICAL CTR (695)
V.A. Medical Center
5000 W NATIONAL AVENUE
BLDG 111
MILWAUKEE, WI 53295
REQUISITION: 695-B88044

Quantity	Product
2.00	VA - ClearRead CT - Modality
1.00	VA - Server

Warranty **3 Year Warranty** - Per **Exhibit D**, attached hereto and incorporated herein.

Input and output interfaces are DICOM 3 compliant:

- The input images may be derived from the modalities and acquisition systems outlined below and output images are sent to one or more DICOM storage devices. All image transfer protocols are compliant with the DICOM 3.0 standards.

Support input image device:

- Computed Tomography - CT

Supported destination device storage formats:

- Output images are in DICOM secondary caption image storage format

Typical performance:

- Typical processing time for one series is 270 seconds

Remote service - Riverain requirement:

- Port 443 outbound (HTTPS) is required for remote service and support

Regulatory Specifications:

- All hardware devices have conformance for computing equipment to the following standards or regulating bodies:
 - FCC (Class A) - Federal Communications Commission
 - UL - Underwriters Laboratory
 - Canadian Device License
 - CE - Conformance Europeene - (Marking statement for CE safety and emissions compliance)
 - CSA - Canadian Standards Association
 - Australian TGA Certificate

Environmental Requirements:

- Temperature: 10°C to 35°C (50°F to 95°F)
- Humidity: 8% to 80%

Exhibit B - Installation Tasks**Installation Tasks A**

- If utilizing a virtual machine environment, ensure VMWare ESXi version 5.x or higher is used.
- Build a server with the following recommended machine specifications:
 - Recommended Server Specifications:
 - Intel Xeon E-31230v5 3.4 GHz or better with all cores dedicated
 - 16 GB Random Access Memory (RAM)
 - 100 GB hard disk (dedicated storage)
 - Disk I/O at 300 IOPS with 4k block size
 - 1 Gbit/sec Ethernet controller
 - Operating System:
 - Windows 7 Professional/Enterprise/Ultimate 64-bit
 - Windows 8.1 and Windows 10 Professional/Enterprise 64-bit
 - Windows 2008 R2 Server 64-bit
 - Windows 2012 R2 Server 64-bit
 - Web Browser:
 - Microsoft Internet Explorer 10 or better, with cookies and Javascript enabled
 - Software Protection Key:
 - One USB Type A port available
 - Power Consumption 50mA operating/<0.5mA standby
 - Third Party Software:

- Riverain recommends against installing Connect CT on a multi-use instance of a VM or having multiple roles for a physical server by adding additional third party software.
- Ensure that the system has access to the internet via port 443 outbound to allow remote support or provide facility credentials VPN access. If remote access cannot be granted the only phone support can be provided and system uptime as outlined in section 5 of the "Service Contract" cannot be guaranteed.
- Identify a suitable environmentally controlled location to install the system.
- Connect the system to a suitable power supply.
- Connect the system to a facility KVM.
- Connect the system to the local area network.
- Power up the system and configure the network interface card with a unique IP address, subnet mask and gateway (DNS is not required).

Installation Tasks B

- Configure the Riverain device on the site's DICOM network to accept and store DICOM images with all intended DICOM modalities and PACS.
- Test the Riverain device can accept images from all modalities configured to send images to the Riverain device.
- Test that the Riverain device can deliver ClearRead derived images to all intended PACS.
- Assist site's onsite resources with configuring the appropriate PACS/modalities to automatically sent all Chest CT studies to the Riverain device.

Installation Tasks C

- Configure the Riverain device's image filters to discard all scout, sagittal, and decubitus series.
- Assist customer's onsite resources with configuring the PACS workstation hanging protocols to display images according to the needs of the radiologists.
- Monitor the throughput of images to assure that the filters are working correctly.
- As required, create site specific image filtering or configuration to achieve seamless workflow integration

Exhibit C - Onsite Installation Requirements

- In advance of the on-site visit, customer shall provide Riverain Technologies with a completed Pre-Installation Checklist.
- In advance of the on-site visit, customer shall provide Riverain Technologies with guidance from the onsite radiologist or radiology group on desired preferences for displaying images as part of the hanging protocol.
- During the on-site visit, customer shall provide Riverain Technologies with an IT or PACS administrator with access to the location where the server shall be installed, ability to assign an IP address to the server and knowledge of the configuration of the PACS system and modalities.
- During the on-site visit, customer shall provide Riverain Technologies with onsite or remote assistance for the configuration of the PACS system via customer's personnel or 3rd party PACS vendor personnel.
- Note failure to provide on-site resources during the on-site visit may prevent completion of system installation during allocated time. No refund will be offered.

Exhibit D - Warranty Details

Warranty Summary

- Unlimited technical support:
 - 8:30 - 8:30 PM EST (4 hour telephone response) +1-800-914-1446 (option 2) or +1-937-425-6811 (option 2)
 - Email - Support@riveraintech.com 8:30 - 8:30 PM EST (4 hour telephone response)
 - 24 hour answering service
- Direct remote technical support via secure connection 8:30 - 8:30 PM EST
- Provision system software updates
- Provision and installation of all spare parts and systems necessary to maintain proper operations
- On-site support when necessary