



ENTRY NODE

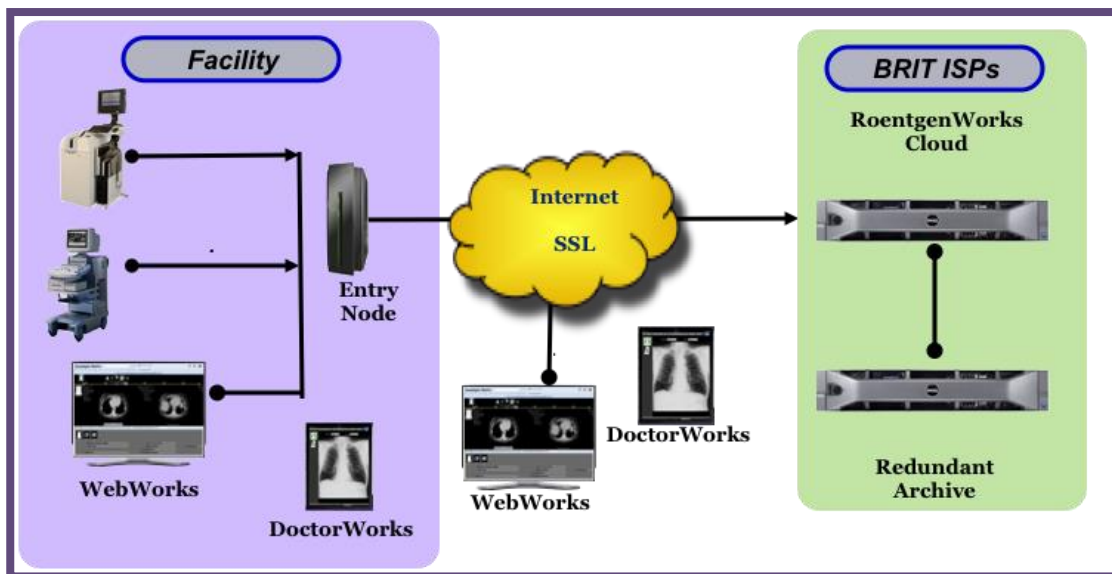
*Beyond
Roentgen
Imaging
Technologies*

Local
Access
Provides
Performance

Remote
Storage
Provides
Scale
&
Affordability

Redundant
Systems
Provides
Reliability
&
Availability

ROENTGEN WORKS™ ENTRY NODE is an optional component in the Roentgen Works PACS/RIS Cloud offering designed to provide local application support and replication services to the Cloud. Inclusive of hardware, the Entry Node is customized at BRIT, sent to the site and plugged into the network. Upon connection, it builds its own SSL encrypted tunnel to the Roentgen Works Cloud, replacing the cost and complexities of setting up and maintaining a VPN. Utilizing the tunnel, all site entries are replicated bi-directionally, in real-time, providing redundant systems.



The Entry Node provides all the user tools available from the Roentgen Works Cloud:

1. Order Entry and Scheduling
2. WebWorks™ image viewing and image sharing
3. HL-7 connectivity
4. System management tools, such as adding users and building groups
5. Roentgen Workflow tools, such as On Hold and Urgent Finding
6. SpeechWorks™ Dictation Tools, optionally available

All database items, such as orders and reports, are retained indefinitely on the Entry Node. Studies are purged according to their storage date, as space is required, but remain listed on WebWork's timeline making them transparently available from the Cloud.



Users remote from the facility can access the Roentgen Works applications from the Cloud, reducing the network load at the imaging facility. In the case of an outage at the facility, all users can access the Cloud. Failover is automatic with properly configured load balancers (optionally available from BRIT).

The model of the Entry Node is selected to support local requirements for number of users and study cache. Disk can also be custom quoted to increase the time studies remain on the local system.

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