Managed RIS Solution

"My main focus in developing iRIS was to deliver a scalable, ultra-powerful RIS with an unsurpassed level of redundancy and security for about the same cost of the maintenance fees associated with a standalone package."

Mike Whitney, CEO

What is a Managed RIS Solution?

iRIS, our Managed RIS Solution, allows you to leverage a powerful RIS without all of the costs, maintenance and infrastructure associated with maintaining your own system. We provide the database servers, firewall, VPN, virus protection, storage, back-up and support services all rolled into a site-specific monthly fee. The cost is about the same as you would pay for the maintenance contract on a traditional on-site RIS. The difference being, you don't have to buy the hardware, software or other infrastructure and you don't have the daily hassles of maintaining the system.

What functionality does iRIS offer?

iRIS is made up of modules that can be used and configured for your use as desired. iRIS has a number of modules that aren't found on many other systems that encompass some unique features such as; printing patient registration documents, integrated overnight shipping labels, integrated maps to your center based on patient's address, HCFA generation, transfering billing data to accounting, tracking of off-site film and paperless medical records for long-term storage.

What is the intended use of iRIS?

iRIS is much more than a software package—it is a method of doing business that creates efficiency, cost savings and increased referring physician satisfaction. iRIS was designed from the ground up for outpatient imaging centers. Rather than downgrading and customizing a hospital-based system to make it work for the outpatient environment, we designed iRIS in modules that can be built up based on your needs—not scaled back. This saves you time, money and gets you a system that is more functional for your specific use.

Can you provide an integrated PACS?

iRIS can be integrated into a feature rich PACS. Due to our systems architecture, not only is it integrated, but we allow you to log directly into the RIS to see real time patient data and pull reports as well as view images. There are two systems that are already integrated with iRIS and customized programming to integrate into an existing system is always available. If you don't have a PACS we can also provide the same managed services including back-up and archiving as well as local workstations or a powerful FDA Approved Web Viewer that allows for the quick download of full DICOM data.

What type of server infrastructure is provided and how safe is the equipment?

Our servers are located in a SAS 70 rated data center—the security and operational rating required for financial institutions. There is on-site security personnel 24/7/365, preventing unauthorized access to the equipment which is located behind bullet-proof glass and behind fire-proof steel doors.

The servers sit on a medical grid which, in the event of a power failure, transfers to automatic power back-up and diesel fuel delivery for the generators every 4 hours. A detailed list of the data centers specifications follows.

Robotic Tape Backup

Security Post

Transport Telecom Room

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Data Center Specifications

Building

55,000 square feet, single level, raised floor

Designed to zone 4 earthquake specifications

Onsite Network Operations Center (NOC)

Accessible 24x7x365

Security

Single point of entry

24x7x365 monitoring

On-site security personnel

Remote controlled CCTV

Motion Detection alarms

Connectivity/Bandwidth

Vendor-neutral bandwidth offering a blended solution to ensure connectivity. Fiber carriers include SBC, COX, MCI, Time Warner, ICG, and XO.

Diverse upstream providers include NTT/Verio, Wiltel, Teleglobe, and Global Crossing.

Backbone circuits: multiple gigabit Ethernet, OC12 (620 Mbps), and OC48 (2.48Gbps)

Engineered to greater than 2X-5X peak burstable loads

Fully meshed routing and switching architecture

Fiber

Fiber carriers include SBC, COX, MCI, Time Warner, ICG, and XO.

Two (2) diverse points of entry

Two (2) diverse paths

Electrical/Power

HVAC, N+1 redundant cooling system

N+1 redundant power

Utility provider: Southern California Edison

Back-up batteries with 20 year design life

Automatic transfer Switching with 8 second cut-over

UPS power runs in 4 modes: normal, emergency, recharge, and bypass

UPS is backed up by the Diesel Generator

UPS output capacity up to 4 x 375 KVA

Power Distribution Units (PDU) greatly reduce installation time

Power to cabinets/cages available in 110volt AC, 208220 volt AC and 48 volt DC

Load Bank

Diesel Generator - up to 2 x 1.25 MW

4000 gallons of diesel fuel storage

72 hour capacity per fuel load

Nationwide maintenance and fuel contract

Fire Surpression

Industry leading VESDA system for the detection of smoke and fire

Duel-interlocking pre-action fire suppression system, separated by zones

Fully addressable fire alarm system

Cabinets

Mitsubishi 9800 UPS

Breaker Room

MRI CONSULTANTS
RADIOLOGY MANAGEMENT SERVICES

2112 East Fourth Street, Suite 220
Santa Ana, CA 92705

Phone: (714) 835-9080
FAX: (800) 934-7189
eMail: mwhitney@mriconsultants.com
Web: www.mriconsultants.com