ABI HEALTH
The Image of Future Healthcare

For *Hospitals*   We offer *more than PACS*

Maximize RoI in Imaging Equipment, Supporting Infrastructure & Operational Resources.

ANYTIME • ANYWHERE • ON-THE-GO

SPECTRA MAESTRO

Medical imaging industry today faces a multiple information challenges. Due to different systems (EMR, PACS, VNA, HIS), workflow is fragmented. The unnecessary image movement creates a heavy load on servers and since image travels through a convoluted path from source to destination, it creates congestion in local network. The HIS/HMS systems are unaware of equipment capability and fail to communicate scheduled orders with the modalities. Also, manual data entry is time consuming and prone to human error. And, the fact of the matter is that traditional storage methods are bulky, unreliable, high on maintenance and prone to failure.

IMAGE	IMAGE	IMAGE	IMAGE
Routing	Scheduling	On-Prem/Cloud	Management

Spectra Maestro provides massive improvements across the board. Our full featured image management system has coarse and fine control options, letting you leverage the tools to optimize your workflow. Modality work lists and HIS integration streamline overall productivity. Information is auto-populated to modalities. It optimizes multi-tiered medical-grade information storage/retrieval infrastructure. Maestro Replaces physical infrastructure with secure, reliable software. Configurable routing intelligence provides easy automation, eliminates unnecessary image movement which results in lowered network load.

SPECTRA™

Spectra Maestro

Imaging Modalities

Send Images to Cloud

Browse Studies & generate reports

View Images on-prem. server over LAN / Wireless

View Images from the Cloud over 3G / 4G

Cloud Storage & Viewing

DICOM Services:

Storage service.
Query Retrieve Service.
Verification Service.
Print Services.
Image Viewing Services
(With Spectra Spark or other systems).
Export Studies.

Management Console:

Provides user management.
Imaging Study Management.
Detailed reports and charts.
Local and Remote Equipment Management.
Configuring Imaging System Integration.
Image Queue Management.
Intuitive UI for all Configurations.

Storage Manager:

Onsite Storage for On-Premise model is also available.
24/7 uptime, support and continuous monitoring to
ensure quality and accessibility of data.
Images can be retrieved quickly in the event of a
disaster providing fast Return to Operation.
Archives are replicated and stored offsite
for image security, confidentiality, and redundancy.
Reduces CAPEX by eliminating need for hardware
and software upgrades.

Rule Based Routing:

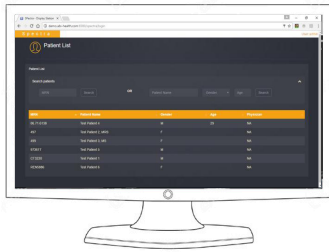Easy automation of imaging workflow.
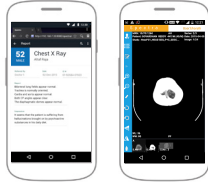Eliminates unnecessary image movement.

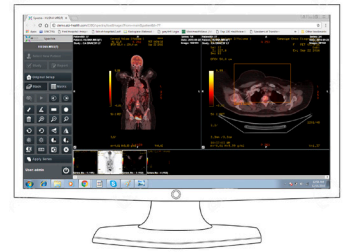EQUIPMENT
Management

RULE BASED
Routing

MANAGEMENT
Console

Radiology Workbench

Advanced Image Viewer

View images on
advanced viewer

View images & reports on
Spectra

Spectra Spark
Doctor & Patient's Viewer
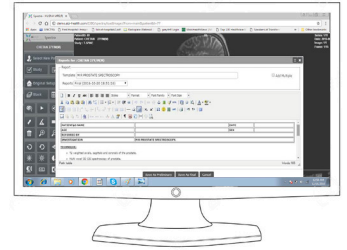
Spectra
Radiologist's Viewer

Modality Work list (MWL) + HIS Integration:

Save time, avoid manual error from technician order entries.

*Using Spectra MWL, technicians will not have to hand enter patient and study details in the modality, thereby reducing manual errors as well as saving time.

Maestro provides Web Service/HL7 interfaces to Integrate with HIS for features such as :

Modality Work list.
Report Integration
Radiology Order Integration
Patient Demographic Update / merge.

Radiology Workbench:

Track studies through various stages such as Ordered, Completed (Acquired), Reviewed, Preliminary and Final.
Report using the workbench.
View the images in Spectra Radiology Viewer or Advanced Image Viewer

DICOM Image Uploader

Maestro allows the users to import DICOM Studies into Spectra.

WORKLIST
Management

HIS
Integration

MODALITY
Worklist

DICOM
Services

For Hospital & Imaging Centers

Maximize Cost Reduction
No film & report printing, no packaging, no CD burning, storage & distribution .

Increase Throughput
Better utilization of resources productivity.

Digital & Green Environment
Ensures government regulations and helps environment go green. Avoid non-biodegradeable material and go Filmless & paperless.

Share Images & Reports
Electronically & securely with Patients and Clinicians .

Facilitate Radiologists
To give Preliminary reports. Anytime, anywhere.

Provide Convenience
with better quality of healthcare services.

For Clinicians

Access Patient Records
quickly through doctor app on the Web, Tablet or Mobile

Accurate Diagnosis
By viewing the complete set of images

Reduce Medical Error
and provides safer care

Access & Efficiency
Prescribe reliably & safer

More Coordinated Care
better quality of healthcare delivery

For Patients

Reduced Waiting Times
to collect film & reports

Provide Convenience
Save cost of second visit to collect reports. No storage & carrying of films/reports/CDs

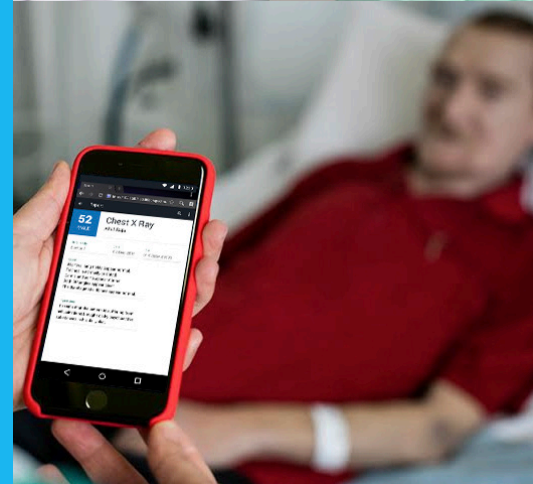**Accurate & Up-To-Date**
patient information

Walk away with Nothing
but still have access to information

Simplified Sharing
to get a second opinion or share with caregivers

Download & Store
images & reports digitally for future access

Exchange of Images & Reports

Storage Management

Rapid Scalability

Secure & Reliable

Spectra DICOM viewer is compliant with industry-standard technology and infrastructure, and has clearly defined roles and permissions on all sides of the solution. Spectra can be integrated with any Healthcare system including PACS, Modalities, HMS, HIS, PMS, RIS, EMR, etc.

Scan this QR Code to see Spectra in action.

Alternatively, go to:
http://abi-health.com/products/spectra

Scan this QR Code to see detailed features of Spectra.

Alternatively, go to:
http://abi-health.com/spectra/Spectra-Features.pdf