NAUTILUS MEDICAL
TECHNOLOGIES

The most complete and powerful telehealth platform on the market today. Enhance your clinical services. We will meet and customize your needs to fit your initiative.
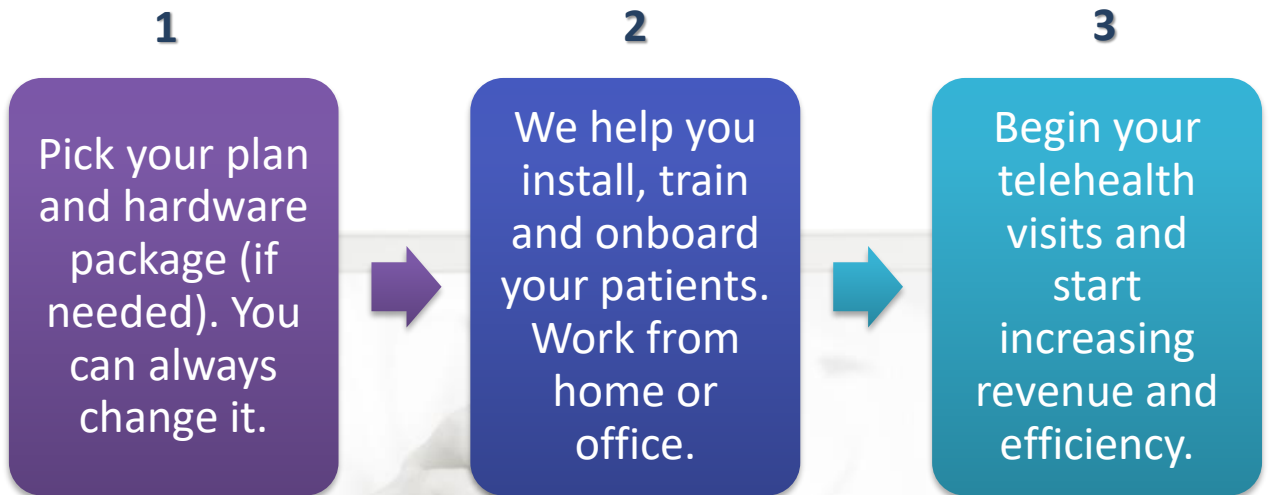
teleray

TeleHealth in 3 Easy Steps
Compliant, secure, clinical services from anywhere

TeleRay is an easy to implement telehealth platform and additional clinical services for your entire institution or single practice. We offer packages to get you started along with training and patient onboarding. Whether you need to schedule one or a thousand patients, we can meet your needs. All plans are expandable based upon usage and growth of your telehealth program.

1

2

3

Pick your plan and hardware package (if needed). You can always change it.

We help you install, train and onboard your patients. Work from home or office.

Begin your telehealth visits and start increasing revenue and efficiency.

We get you going with right amount of help.
Low cost, easy to implement, and easy to use.

TeleRay Packages:

Key Features

- Easy deployment with custom packages that include all hardware and support

- You may use your existing hardware if it meets current specs. Please contact us to find out more

- HIPAA compliant and FDA registered with advanced encryption architecture

- Custom Features available for large institutions

- No site is too small

- Call us to have low cost telehealth services in a week!

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TeleRay Process
We help you get your telehealth initiative going

TeleRay is not just the technology, but a partner to help you realize your telehealth initiative. We take you through every step of the process until you are ready to go live with your patients.

❖ **FREE ON-BOARDING**
  - ❖ TeleRay professionals help with planning, building and implementing your successful telehealth program.

❖ **TELEMEDICINE REIMBURSEMENT**
  - ❖ TeleRay provides access to billing specialists making sure you get paid!

❖ **HIPAA COMPLIANT & SIGNED BAA**
  - ❖ Advanced encryption architecture for secure HIPAA compliant communication. Our technology is built for real-world environments. We sign a BAA with every practice!

❖ **TURN-KEY TELEHEALTH EQUIPMENT**
  - ❖ All in one plug and play telehealth stations.

❖ **ON DEMAND TECH HELP FOR PATIENTS & PHYSICIANS**
  - ❖ TeleRay provides on demand tech help for your patients allowing your practice to focus on providing medical care.

❖ **EASY TO USE**
  - ❖ No app downloads
  - ❖ Works on every Device
  - ❖ Simple interface
  - ❖ Works with existing EMR system
  - ❖ Split pay option for collecting from patients for service.
  - ❖ As low as $3 per visit.

NAUTILUS MEDICAL
TECHNOLOGIES

Fast and Portable Telemedicine
Compliant, secure, consultation from anywhere

TeleRay is a revolutionary new platform which transmits real-time ultrasound examinations at the point-of-care to qualified physicians from any site, whether it is remote or an underserved location. Using patented cellular bonding technology, TeleRay facilitates reliable transmission of ultrasounds (or other modalities) with both visual and audio communication, providing early access information.

View real-time imaging

Consulting Physician

Communicate with Sonographer

TeleRay allows the sonographer or physician to send a consulting provider the ultrasound imaging during a live scan with high frame rate, high resolution and low latency. The connection includes a two-way audio feed allowing for real-time communication. The physicians are also able to conduct telemedicine visits with the patient all from the same solution. Many practices use this tool for remote specialists needed during the live scan to provide instant feedback and ensure they are capturing the required images. Other use cases are sonographer education, room management and expanding outreach programs. TeleRay Is HIPAA Complaint and FDA registered. With the integration to Nautilus Medicals Image Exchange system provides a perfect platform for consultation and delivery of full fidelity DICOM images to the reading physician for better outcomes and lower liability.

NAUTILUS MEDICAL
T E C H N O L O G I E S

Key Features

- Easy deployment

- The network is included to improve reliability and performance while avoiding the main network

- HIPAA compliant and FDA registered with advanced encryption architecture
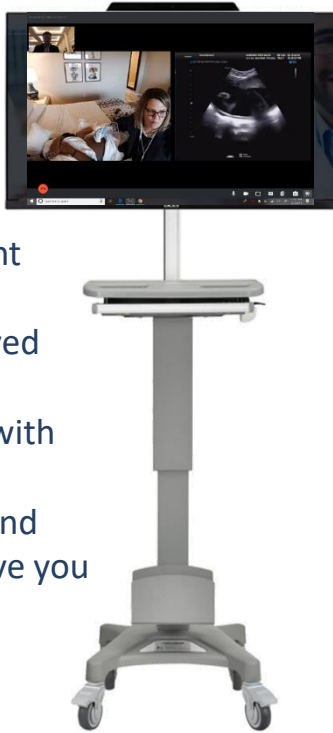
- Custom Features available for large institutions

Nautilus Medical 866.520.6477 www.NautilusMedical.com info@NautilusMedical.com Palo Alto CA, Barrington, IL

teleray.Pro

Fast and Portable Telemedicine
Compliant, secure, consultation from anywhere

Take the power of TeleRay wherever you need it. Whether it's a remote bedside visit, a different room in the office, or special circumstances, TeleRay may be moved where its needed for patient or professional consultation. A sturdy mobile cart allows for complete mobility within the site. Power packs, lighting and other options for upgrades are available.

- Integrated Support
- Remote Device Management
- All-in-One
- Integrated physician approved lighting
- Dual front stereo speakers with Dolby Audio
- Premium Full HD webcam and dual digital microphones give you quality communications

TeleRay on a cart has been a lifesaver….literally! We use it for so many use cases in the hospital it has become indispensable. Thank you.

Clinical Professional

Create an great patient experience with primary and specialty providers. Equipped with a touch screen interface, amplified audio, integrated support and Wi-Fi, care teams can quickly initiate a telehealth consultation between patients with one or more remote providers.

Key Features

- Same as other TeleRay features including

- The network is included to improve reliability and performance while avoiding the main network

- HIPAA compliant and FDA registered with advanced encryption architecture
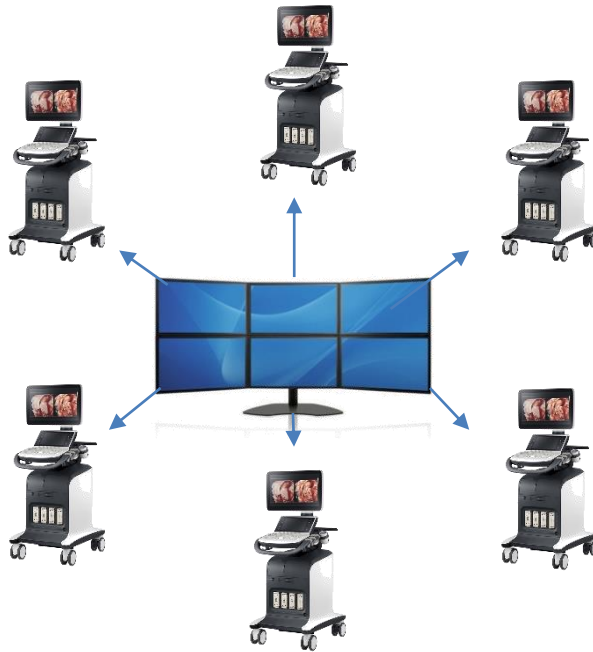
- Custom Features available for large institutions

NAUTILUS MEDICAL
TECHNOLOGIES

teleray.Visit

Be in any room at any time.
Compliant, secure, consultation from anywhere

Powerful video and communication platform to view and consult multiple rooms simultaneously or separately. Allows for overview of ultrasound rooms or any other modality that have access to a browser and internet capability. Upon log-in, user chooses which room to view. An encrypted connection is made and will display accepted connections in a grid style view. Clicking a view expands the image to a full screen. There is only a connection when accepted which save bandwidth usage. The platform detects usage and will shut down automatically when not in use. Two way audio communication is network enabled.

- Integrated Support
- Any modality
- Real time viewing
- Teaching tool
- Quality control

This has been an invaluable training tool for a site. I can train 10 sonographers at once.

Clinical Professional

Who says you can't be in more than one place at one time?

Great for training and oversight of multiple rooms. Excellent resolution while streaming of sharing images.

- HIPAA compliant and FDA registered with advanced encryption architecture
- Custom Features available for large institutions

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teleray.remote

Secure and Portable Remote Service
Compliant, secure, service from anywhere

The Remote Service product allows service organizations the ability to remotely access and control equipment with no 3rd party software installed on the target device. The RRS device plugs in to video out port and the USB port. Once the device is connected, A service provider can log in and view the devices screen in real time and control the keyboard and mouse allowing for full equipment access. Granting organizations the ability to walk a customer through a setup or troubleshoot and fix an issue reducing the amount of costly on-site service calls.

Having remote capabilities without installing software or worrying about IT security has saved us thousands per system.

Service Professional

- Remote Support
- All-in-One
- Integrated encrypted cellular
- 2 years cellular included
- Completely portable
- Heavy duty
- Complaint
- Secure

CPU CERTIFICATIONS&SPECS
- 2002/96/EC (WEEE Directive)
- 2011/65/EU (RoHS 2 Directive)
- CE
- EN 55024
- EN 55032
- EN 60950-1
- EN 62368-1
- FCC 47 CFR Part 15
- IP50

Input Voltage 12 V
Power Input DC jack
Operating Temp. Range 0 ~ 40°C

The device has a cellular connection embedded for quick and easy deployment by passing the hospitals network. The device uses an encrypted HIPAA complaint data tunnel that does not store data. This is a 1:1 connection keeping data safe and compliant. Device may send and receive files through USB connection up t0 32GB.

Key Features

- The network is included to improve reliability and performance while avoiding the main network

- HIPAA compliant and FDA registered with advanced encryption architecture

- Supports Generic Keyboard & Mouse Input USB Port Required Video Output - HDMI, DVI, VGA

- Two factor authentication

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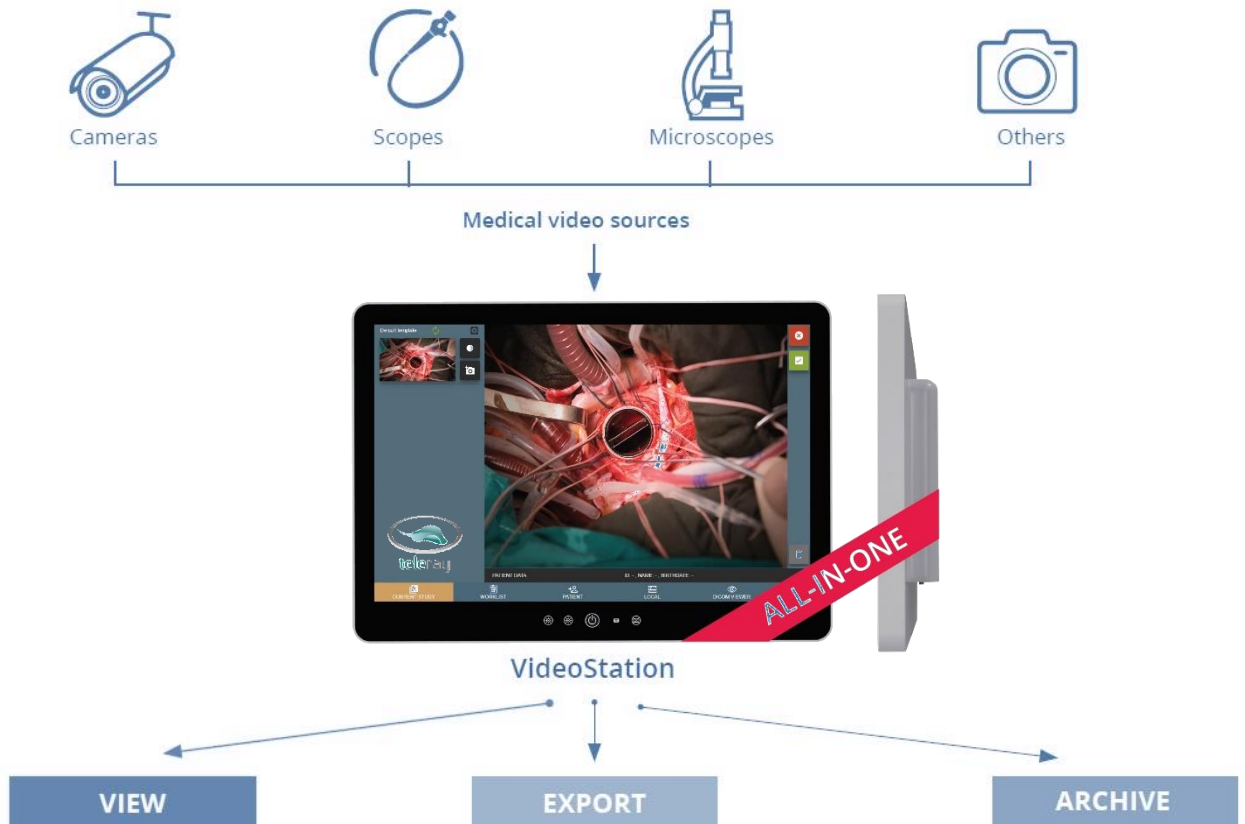
Record High Quality HD into DICOM
Integrate with any current video system

teleray.Record

Intuitive user interface, simple, but very powerful medical video recording software controllable by touchscreen medical panel PC. Storing locally more than 125 hours of HD videos and up to 100.000 of still images.

VideoStation's main medical video recording features:
- High-quality video recording into DICOM by using MPEG2 and MPEG-4 AVC/H.264 compression;
- Record/take multiple low and high (full HD) quality video/snapshots during the surgery or other procedures;
- Live stream video during the procedure;
- Record, stream, play video and take snapshots at the same time;
- Record video/take images from multiple connected devices (special video card needed);
- Flexible patient data assignment: selecting already existing patient, manually entering the patient details or selecting from hospital DICOM worklist server;
- Possibility to start a new study recording, while other video/snapshots is in progress for saving to DICOM or sending to DICOM archive;
- Review medical images/video during the surgery or other procedures;
- Trim the recorded video;
- Recorded studies can be stored locally, sent to the hospital DICOM archive (PACS server/VNA) or exported to other storage devices;
- View saved images/videos with integrated DICOM Viewer.

Cameras   Scopes   Microscopes   Others

Medical video sources

ALL-IN-ONE

VideoStation

VIEW   EXPORT   ARCHIVE

teleray.Record

Video to DICOM Recorder
Perfect for endoscopy, surgery, and carts.

When you need a self contained unit for carts, surgery and other applications, the All-in-One TeleRay recorder is perfect. Compatible with all video systems and foot pedal compatible. This system contains a 10 inch touchscreen, HD frame grabber, and the TeleRay recording software for any video application to convert to DICOM in real time. Come with 1 year of support and updates.

We use TeleRay to record our endoscopic procedures to share and store in the cloud. Using a DICOM viewer has been great for annotation and other purposes.

Clinical Professional

Panasonic   **OLYMPUS** Your Vision, Our Future   **STORZ** KARL STORZ—ENDOSKOPE   **ZEISS**   *Leica* MICROSYSTEMS

Works with all current systems.

Hardware:
- 10" Touchscreen Monitor High powered fanless PC
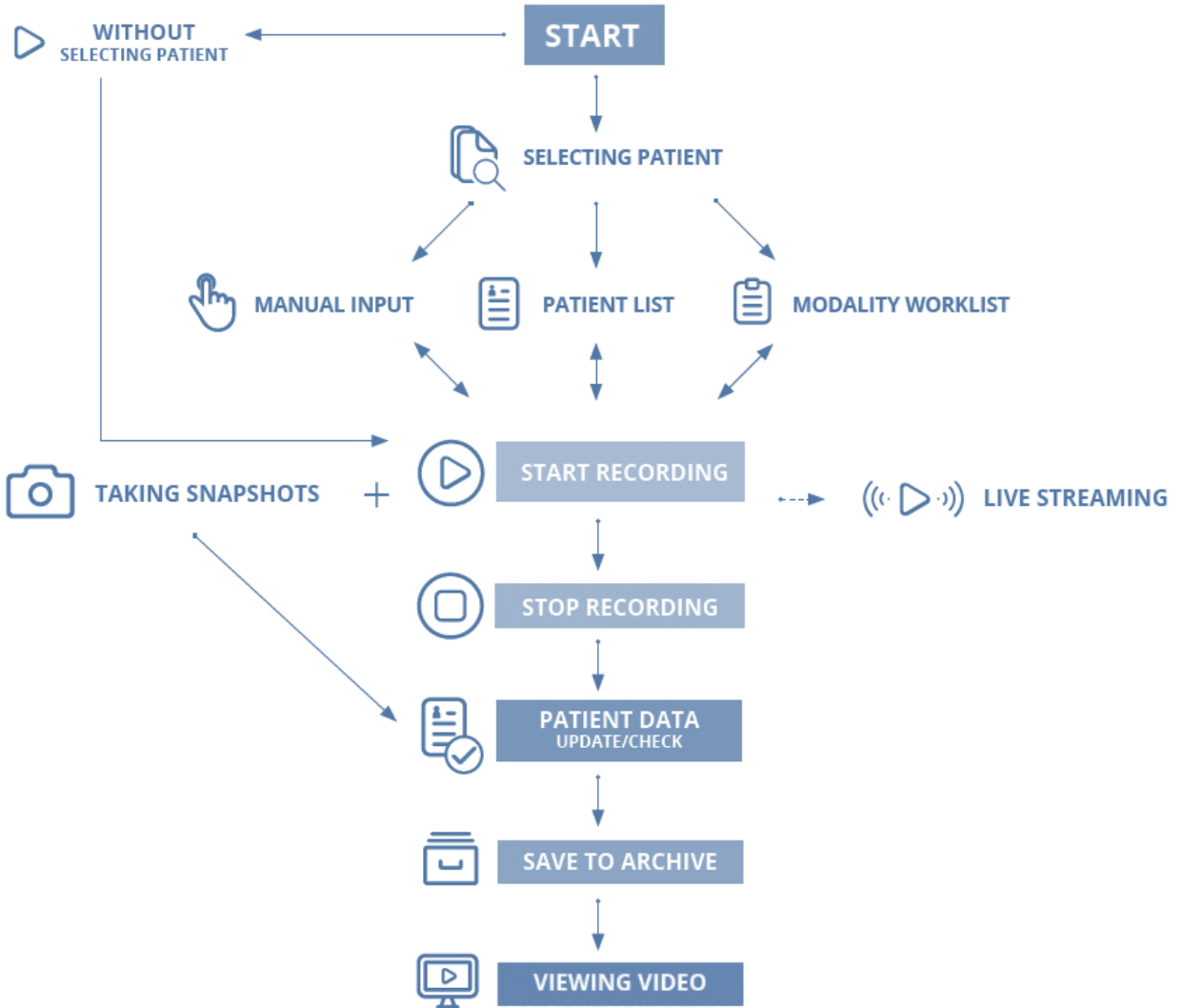- USB-C connect with grabber card

Software and Support:
- TeleRay Video Station Software
- Medical Video Station Recording High Quality HD into DICOM
- 1 Year Support and Updates Included
- Optional foot pedals

Back of unit with multiple ports and connections.

teleray.Record

START

WITHOUT SELECTING PATIENT

SELECTING PATIENT

MANUAL INPUT　　**PATIENT LIST**　　**MODALITY WORKLIST**

TAKING SNAPSHOTS +

START RECORDING　　⋯▶　**LIVE STREAMING**

STOP RECORDING

PATIENT DATA UPDATE/CHECK

SAVE TO ARCHIVE

VIEWING VIDEO

RECORDING HD VIDEO DURING THE SURGERY

REVIEWING MEDICAL IMAGES

RECORDING FROM MULTIPLE DEVICES

PACS

FULL INTEGRATION INTO PACS

TeleRay Record is an easy to configure and use video to DICOM converter which is ideal for any video system such as endoscopy, surgery, labs, pathology and more.

Bluetooth foot pedal controls are available.

teleray.Record

Model	Description	Price
Software only	Software installed on computer that has a frame grabber card previously installed.	$3995
Software w frame grabber card	Software and frame grabber installed on computer.	$4995
Standard CPU w software and card	Complete system with software and frame grabber.	$5995
Wall mounted CPU w software and card	Complete wall mountable system with software and frame grabber.	$8995
Closed fanless CPU and monitor card w software	Complete system with software and frame grabber for surgery recording, cart or endoscope.	$9995
Bluetooth foot pedal	Two pedal control unit for stopping, starting and pausing.	$299

SOFTWARE	
Operating system	Windows 8/10 Pro 64 bit
Recording software	Nautilus VideoS tation software
Languages	Multi languages support: English, Lithuanian, other languages by request.
RECORDING	
Internal HDD	500 GB
Compression	H.264 (MP@L3/HP@L4.1)
VIDEO INPUTS	
HD, DVI, HDMI	DVI, HDMI
HD-SDI, SD-SDI	SDI
S-Video	Mini-DIN
Composite (CVBS)	BNC
SUPPORTED FORMATS	
HD / Analog	HD up to 1080P60/PAL, NTSC
OTHER INTERFACES	
USB	2xUSB 2.0, 2xUSB 3.0
Network	1xLAN 10/100/1000 MBIT WITH RJ45
Remote	1xRS-232
External monitor connection	2xHDMI
DICOM COMPLIANCE	
Video transfer syntax	MPEG2 Main Profile / Main Level 1.2.840.10008.1.2.4.100 MPEG2 Main Profile / High Level 1.2.840.10008.1.2.4.101 MPEG-4 AVC/H.264 High Profile / Level 4.1 1.2.840.10008.1.2.4.102 MPEG-4 AVC/H.264 BD-compatible High Profile / Level 4.1 1.2.840.10008.1.2.4.103
Image transfer syntax	JPEG BASELINE (PROCESS 1) 1.2.840.10008.1.2.4.50
Patient List	DICOM Modality Worklist
CERTIFICATION	
CE MEDICAL DEVICE	
	DIN EN 60601-1: 2013
	DIN EN 60601-1-2: 200

Our customers are saying…

"Thanks for your help… working flawlessly"

"It is always a pleasure to work with Nautilus Medical and we will continue to get products through them because they make everything so easy. The software is very user friendly and they go out of their way to make sure everyone is comfortable with the product."

"We are extremely happy with the application - it works well to merge studies and is very stable."

"I know that on occasion, people ask for recommendations, feel free to point them in my direction.   You will get nothing but blazingly positive responses."

"The staff at Nautilus went above and beyond to accommodate the needs of our hospital. The software interface is very user friendly and easy to use. Our staff required very little training to successfully operate the system. "

"You bet you can give my name out for an interview."

"You are quite simply the best company I have had the pleasure of working with."