



Getting to Know Avreo

Solutions for your Enterprise

What Can Avreo Do For You?

For hospitals, radiology reading groups, and ambulatory imaging providers who want to ensure radiology is a team player within the overall healthcare discussion, Avreo provides Radiology Workflow Solutions to extend RIS, PACS, Dictation, Transcription, and Distribution functionality to excel in distributed reading environments and meaningfully communicate with enterprise healthcare systems.

To better serve the communication needs of ordering physicians, interWORKS offers both on-demand tools, such as interWORKS Mobile for iPad and iPhone, and automated report distribution, such as fax. Integrated statistical reporting tools identify trends so your organization can respond with actionable changes.

Radiology Workflow Solutions

the genius of simplicity



Our Philosophy

Your healthcare organization makes a commitment to your patients to provide high quality medical care in a safe and welcoming environment. We would like the opportunity to demonstrate this same level of excellence and commitment to your healthcare organization.

Who is Avreo?

Founded in 1997 and based in North Charleston, SC, Avreo is a leading healthcare software provider of the only single database, complete RIS/PACS/EHR solution, cohesively connecting each step in the radiology workflow and improving the overall structure for healthcare organizations across the country. Since our founding, all Avreo solutions have been designed to function 100% under the communication protocol of the internet: HTTPS.

With a series of awards and recognitions from top industry researchers such as KLAS and Frost & Sullivan, Avreo is driven to improve the overall structure for healthcare organizations across the country.

Learn how Avreo can help.
Visit www.avreo.com or
call 1-866-286-8082 to
schedule a demonstration.

Take Control of Your Organization's Workflow

Have you ever truly mapped your organization's workflow from start to finish documenting each individual task and transaction that must occur? If not, you should. You will likely find many areas of inefficiency, additional systems that you have added over time to address shortcomings within other systems, and workarounds to manage your organization's change over time.

It's Time for a Fresh Start

You need a system designed to address not only the process to move a patient through each step in their radiology procedure, but micro-workflows to manage the tasks of each healthcare professional involved in the process.

The duties of radiologists are very different from the duties of technologists. Avreo's suite of Radiology Workflow Solutions was designed with this concept in mind to address each micro-workflow and help healthcare professionals be the most productive version of themselves. We don't lose sight of the big picture either. Workflow status indicators and real-time analytical reports help keep your organization on track so you can quickly address any problems that arise. Patients and ordering physicians reap the benefits of this efficiency with the opportunity to complete the radiology process and receive important results in a timely manner.



Efficiently manage each workflow throughout your organization while keeping your business on the straight path to success.

Stay Productive with WAN Optimized Enterprise Image Access

The WAN optimized, web-based connectivity within interWORKS ensures that radiologists, administrators, technologists, and healthcare professionals can securely and efficiently perform workflow driven tasks and access information across your entire enterprise, whether centrally located or geographically diverse.

Its Zero-Impact Install technology is easily accessible via web connectivity, and does not require third-party utilities or applets. This technology reduces IT manpower and makes it easy to support throughout your organization and network of referring physicians.

interWORKS Diagnostic Viewer offers:

- Extensive image review and comparison tools for relevant priors, including priors provided on CD using DICOMDIR.
- Large selection of image tools including zoom, window/level, annotations, measurements, and image orientation.
- Layout preferences to organize images down to a series description.

Flexible on-site and remote diagnostic interpretation options include:

- Digital dictation/transcription with configurable placeholders and normal templates.
- Embedded Avreo Cloud VR powered by Nuance for voice recognition with optional subscription.
- Optional integration with other third party VR systems including PowerScribe 360 and M*Modal Fluency also available.



*interWORKS WAN Optimized Viewer
Efficiently Displays Study Images
Throughout Your Healthcare Enterprise.*

Make Confident Decisions using Robust Business Intelligence Analytics



Analysis Reporting delivers real-time business analytics to identify trends so your organization can respond with actionable changes.

The business adage, “You can’t manage what you don’t measure” extends to radiology and healthcare in general. Yet many radiology solutions do not include proper tools to digest and understand the extensive volume of data collected daily. interWORKS reverses this trend.

With interWORKS Analysis Reporting, you can identify trends so your organization can respond with actionable changes:

- Choose from a library of extensive management and system reports that provide real-time feedback of enterprise activity.
- Design comprehensive reports tailored to the exact needs of your healthcare organization.
- Publish reports to healthcare professionals via portal assignments to provide read-only or configurable access to specific reports.
- Design and access reports from any location without installing software components or utilities.

Maximize Service and Communication to Ordering Physicians



interWORKS Results Portal provides Powerful visual illustrations when discussing treatment plans with patients.

Communicating results to ordering physicians is a critical element of the radiology workflow and the overall electronic health record. To support this communication, interWORKS offers both on-demand tools and automated report distribution channels.

Automated distribution delivers radiology results based on preferences set within the ordering physician's record. Distribution options include:

- Fax
- Email
- Network printing*
- Optional HL7 interface to HIS/EHR

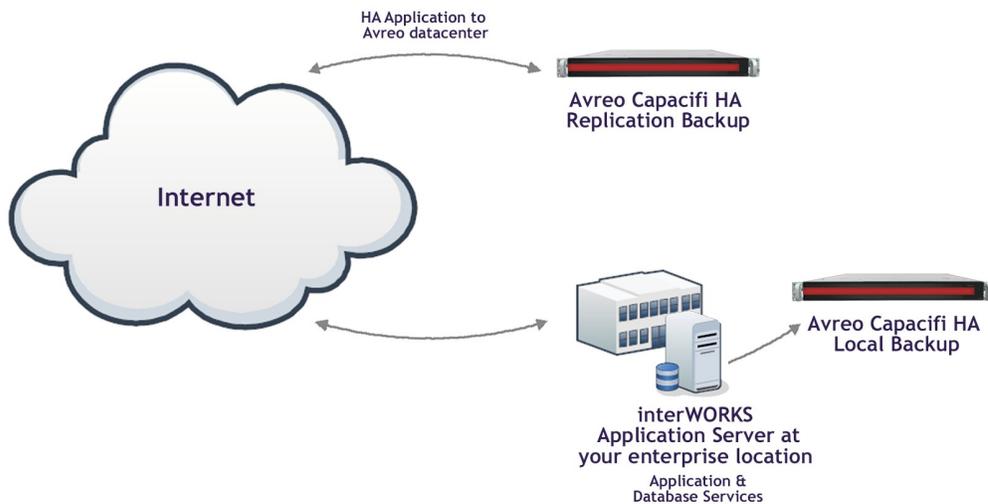
On demand distribution presents the patient's report along with referential study images to provide powerful visual illustrations when discussing treatment plans with patients.

- interWORKS Results portal provides worklist driven access to reports and corresponding study images for computers with the Windows operating system. An embedded DICOM mini-viewer includes robust annotation and imaging tools and provides access to prior studies to easily review historical information.
- interWORKS Mobile provides on-the-go report and image access for Apple, Android, and Windows phones and tablets as well as web browser access.
- Web-based, hyperlinked access from HIS/EMR launches image access without additional authentication for systems that support Microsoft's Active Directory.

**interWORKS PACS+ Hosted includes automated report distribution via fax and email only. Network print is not available in this configuration.*

Protect Your System from the Unexpected

Pairing Avreo Capacifi DICOM with Capacifi High Availability protects your entire radiology data subset from the server containing the patient, study data, and radiology interpretations, to the DICOM studies themselves. The HA replication includes both the database and application, which empowers your organization to keep running from the cloud in the event of a disaster.



How Does Avreo Capacifi DICOM Work?

1. Avreo configures your hybrid vendor neutral DICOM cloud storage solution.
2. Avreo interWORKS securely sends DICOM data to your self expanding cloud storage account for long term protection and portability.
3. Vendor neutral hardware speaks healthcare and offers hardware-based portability should your organization change PACS vendors.
4. Innovative storage technology continuously encrypts data while providing options to manage expenses based on usage.

How Does Avreo Capacifi High Availability (HA) Work?

1. Avreo installs a small Appliance for your organization.
2. The Appliance securely replicates your Avreo server non-DICOM data to the cloud in real-time.
3. In the event of a disruptive activity, such as ransomware or severe weather, your server has protection and can be restored from a variety of backup points. Your server can also be activated from the cloud.
4. When paired with Avreo Capacifi DICOM, this cloud server instance has full access to your DICOM data to keep your systems available and operational when an extremely disruptive event occurs and your primary server and storage devices are unavailable.

Enhance Your Efficiency by Choosing a Solution that Fits Your Needs

Avreo offers flexible solutions to meet the specific needs of each healthcare organization. As our configurations are built on the interWORKS platform, you can change configurations or add options as your needs change.

interWORKS Standard Configuration	
Choose One of the Following	Order Generation Choices include: <ul style="list-style-type: none"> • Manage orders within interWORKS • Manage orders within another HIS, RIS, or EMR, then receive these orders from this system • Generate orders automatically based on studies received by interWORKS
✓	Diagnostic Imaging Management <ul style="list-style-type: none"> • Technologist quality assurance • Diagnostic Viewer • Interpretation Reporting
✓	Physician Results <ul style="list-style-type: none"> • Physician Record management • Report Distribution • Physician Online Results
✓	Analysis Reporting
Optional	Cloud VR Subscription
Optional	Disaster Recovery and High Availability
Connectivity with Other Healthcare Systems	
Optional	HL7 Standards-Based Connectivity Examples include: <ul style="list-style-type: none"> • Receiving orders from your HIS/EMR • Sending final reports to your HIS/EMR • Sending patient, procedure, and insurance information to your billing system

interWORKS Teleradiology Configuration	
✓	Order Generation Includes: <ul style="list-style-type: none"> • Generate orders automatically based on studies received by interWORKS
✓	Diagnostic Imaging Management <ul style="list-style-type: none"> • Technologist quality assurance • Diagnostic Viewer • Interpretation Reporting
✓	Physician Results <ul style="list-style-type: none"> • Physician Record management • Report Distribution (Fax and Email only)
✓	Analysis Reporting
Optional	Cloud VR Subscription
Optional	Disaster Recovery and High Availability
Connectivity with Other Healthcare Systems	
Optional	HL7 Standards-Based Connectivity Examples include: <ul style="list-style-type: none"> • Sending final reports to your customers' HIS/EMR

Support, Server, and Storage Options

interWORKS Configuration	
Support Options	
Based on License Type	Avreo support from 8 – 5 p.m. for standard issues and 24 hour support for critical issues. Customers need to submit the names of their employees who are authorized to contact Avreo support.
Hosting Location and Server Equipment	
Choose One of the Following	Choices include: <ul style="list-style-type: none"> • Host interWORKS VM in your organization's data center. This option requires Avreo approved VMWare or HyperV virtual guest on your organization's hardware. • Purchase interWORKS Application Server, located on site at your organization.

interWORKS Teleradiology Configuration	
Support Options	
Based on License Type	Avreo support from 8 – 5 p.m. for standard issues and 24 hour support for critical issues. Customers need to submit the names of their employees who are authorized to contact Avreo support.
Hosting Location and Server Equipment	
✓	Host interWORKS in Avreo Partner data center.

Storage and Archiving

When you implement an Avreo interWORKS Solution, it is important to consider your storage and archiving needs. Avreo provides a variety of storage options to accommodate your healthcare organization. You may also choose to purchase and manage your own storage and archiving systems to compliment your existing storage and archive strategy with validation from Avreo. Avreo remains storage agnostic and vendor neutral for archiving.

What Do You Mean by “Enterprise-Wide Access” Anyway?

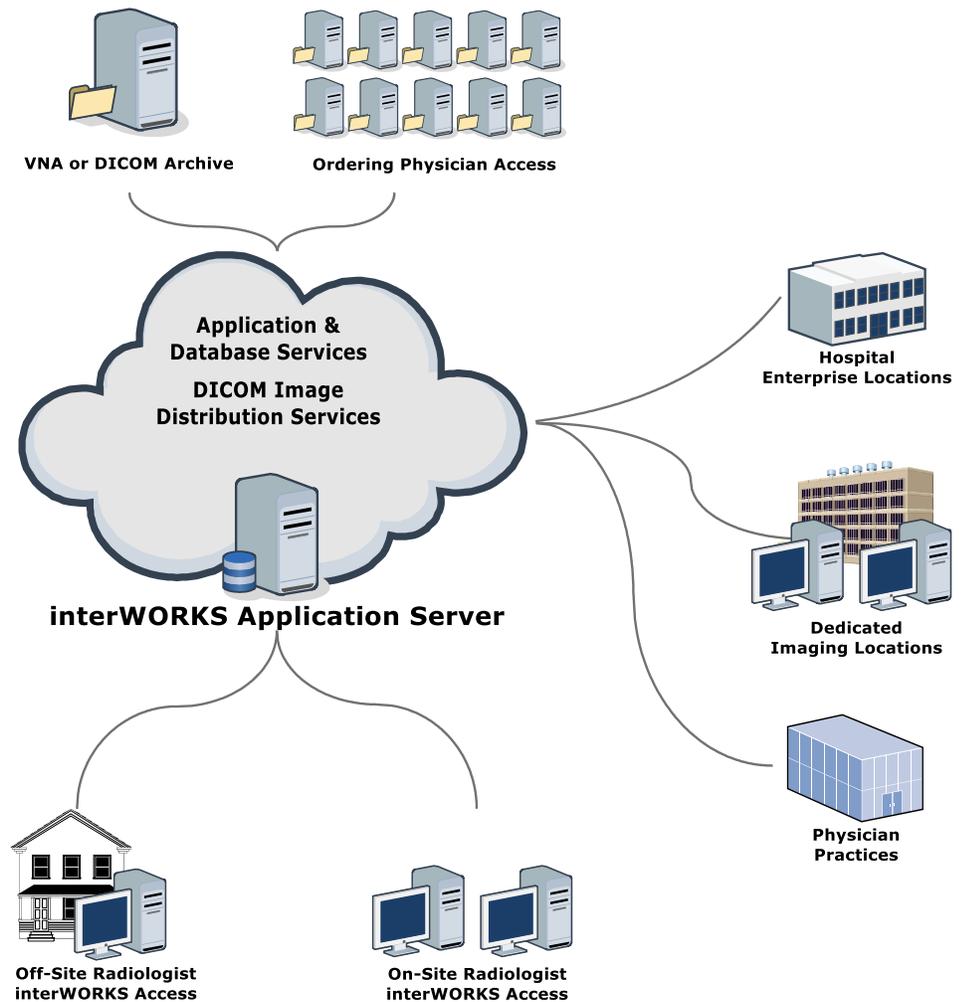
The term “hosted” and “in the cloud” have become ambiguous buzzwords that often obscure the real meaning or make it difficult to compare functionality between systems. When healthcare organizations ask whether interWORKS can be “hosted in the cloud,” they are generally asking one of two things:

- Does interWORKS provide access to clinical information regardless of my location?
- Does interWORKS install software on each workstation or a central server? Where is this server located?

Let’s address these questions together. Avreo interWORKS is installed and managed on a central server. Healthcare professionals access this server from any location. Healthcare professionals do not need to maintain software installed on individual workstations.

For the interWORKS configuration, the server location can reside in a VM within your organization’s data center or on an interWORKS application server located at your organization. This decision is frequently affected by your organization’s IT resources and existing infrastructure. For the interWORKS Teleradiology configuration, this solution is hosted within an Avreo partner data center. This gives virtual radiology groups maximum flexibility without needing to manage their own data center.

Avreo interWORKS Concept



interWORKS Provides Enterprise-Wide Access to your Radiology Information.

Selecting the Licensing Option That's Right For You

In today's economic environment, it is important to carefully consider costs and ongoing fees when purchasing, implementing, and supporting radiology systems. To provide the most flexibility, Avreo offers solutions in ASP Monthly and SLS models so you can choose the purchase option that best supports your business model and accommodate every buyer.

Application Service Provider (ASP) Monthly Model

Avreo provides the necessary software and server equipment at a low up-front cost and affordable monthly fee.

Your ASP Subscription Includes:

- Avreo software updates, upgrades, and platform changes.
- Unlimited imaging modality connections.
- Remote Application Training to get the most benefit from your Avreo solution.

Benefits:

- Low up-front cost and affordable monthly subscription fee based on your study volume. In addition, your contract includes 3-year price protection so you never have any surprises.
- With included software updates, upgrades and platform changes, the software solution is always current.
- Unlike many ASP solution providers, Avreo hosts its Application Server on-site at your healthcare facility, or in the Avreo partner data center which increases system performance for large radiology data sets.

Software License Sale (SLS) Model

The SLS model provides your healthcare facility with complete ownership of Avreo interWORKS. **Available in interWORKS configuration only.*

Your Software License Sale Includes:

- Avreo software license.
- The option to purchase an interWORKS Application Server or host the interWORKS VM in your organization's data center.
- Remote Application Training to get the most benefit from your Avreo solution.

Benefits:

- No monthly fees after purchase other than software support. You own the Application Server and Avreo software license.





Are you ready to get started?

Simply visit us at our website, call us, or request a personal demonstration and question session for your healthcare organization to begin your pathway to success.



www.avreo.com



1-866-286-8082



Schedule a free demonstration

We Look Forward to Earning Your Business

In any relationship, trust develops over time by honoring commitments and responsibilities. At Avreo, we want to build a long term relationship with your healthcare organization that fulfills your needs both today and in the future.

As a privately-held company, we focus on the singular goal to provide the best radiology workflow solutions and service to our healthcare customers at affordable pricing options, rather than selling products to simply meet internal, arbitrary benchmarks. We value the trust you place in us as your radiology partner, and we commit to building our relationship over the long term.