exa™

HEALTHCARE

Taking workflow where you want it to go.

KONICA MINOLTA

The evolution of Healthcare IT has reached medical imaging.

Konica Minolta's **Exa Platform** offers a unique and unparalleled software solution to manage medical imaging and patient data across the healthcare spectrum. Exa's products including, PACS, RIS, specialty viewers, and Billing all enjoy the distinct benefits of speed, security, and access, due to advanced features like Server-Side Rendering, Zero Footprint viewer, and a single integrated database across modules.

Single Integrated Database

Konica Minolta's Exa platform offers a truly integrated user experience. Since the patient chart is unified across all modules, whenever a change is made to a patient or exam record, the updated information is automatically reflected across the entire platform's data set.

Server-Side Rendering = Speed

The Exa Platform's Server-Side Rendering means the server is doing all of the work instead of each individual workstation. DICOM data does not need to transmit to each workstation because it is all done at the server. There is no prefetching required and this results in fast access regardless of the internet connection. You can now immediately receive all relevant data that is desired by the physician, rather than prefetching all data and slowing connection speeds. Server-Side Rendering enables system speed regardless of the larger file sizes from newer acquisition modalities. Server-Side Rendering also helps to reduce the workstation hardware technical requirements, because the server is taking on the workload of image rendering. This will extend the performance of existing PCs.

Zero Footprint Viewer

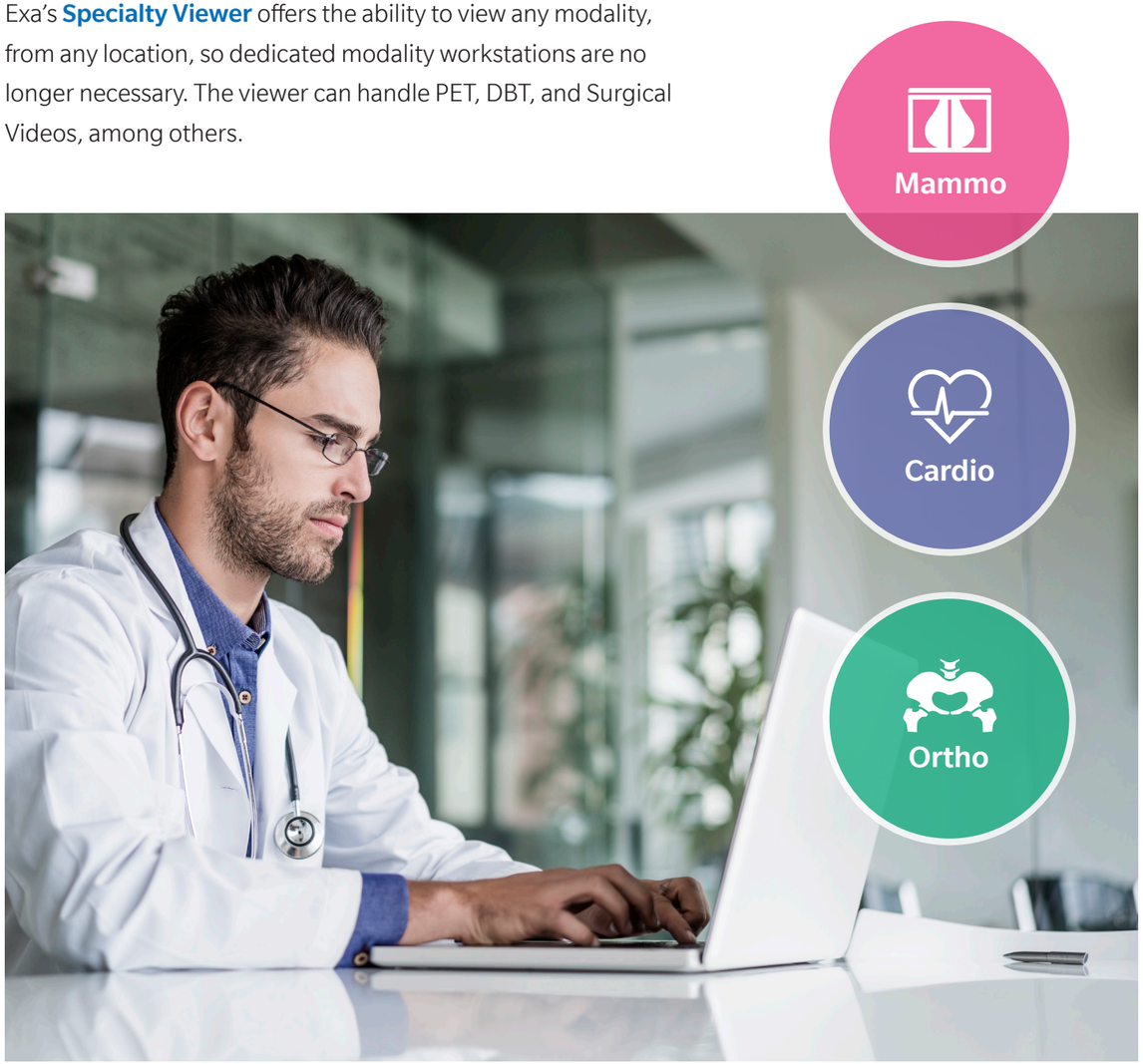
Exa's Zero Footprint (ZFP) viewer offers full diagnostic toolsets and viewing capabilities from any computer. ZFP allows for immediate viewing on any consumer grade PC with no downloads, plugins or installations necessary. Software updates are now implemented across all users instantly through the centralized software.

Cybersecurity

With no data transferred to or stored on workstations, Exa minimizes unwanted exposure to patient data.

Exa simplifies viewing any modality.

Exa's **Specialty Viewer** offers the ability to view any modality, from any location, so dedicated modality workstations are no longer necessary. The viewer can handle PET, DBT, and Surgical Videos, among others.



Mammography

2D and 3D Mammography exams open instantly, with all relevant priors. There is no prefetching required and this results in fast access regardless of the internet connection. Facilities can now immediately receive all relevant data that is desired by the physician, rather than prefetching all data and slowing connection speeds. Server-Side Rendering enables system speed regardless of the larger file sizes from newer acquisition modalities.

A solution tailored specifically for the challenges of 3D mammography

- Instantly enable most existing mammography workstations with 3D capabilities*
- Customizable mammography workflow builder/engine
- Works as a stand-alone or supplements existing PACS/VNA
- Enables radiologists to read & diagnose remotely, from any location

* Mammography images should only be viewed with a monitor approved by FDA for viewing mammographic images. Requires 5MP Monitor.

Cardiology

Exa provides a consolidated radiology and cardiology platform. The same viewer used for radiology images can be used for viewing and diagnosing echocardiogram and stress echocardiogram images. The Exa Viewer provides synchronized playback in motion of cine files with Server-Side Rendering providing unmatched performance in accessing these large files.

Exa also provides advanced reporting capabilities including

- DICOM Structured Reporting (SR) with auto-population of measurements and calculations
- Structured data entry with tree style point and click that requires no typing
- Exa integrates with 3rd party software for post processing of nuclear cardiology and 3D/4D echocardiograms, from any location

Orthopedics

While the PACS boasts orthopedic specific functionality, it still contains the same robust back-end of our Enterprise Imaging solution. This is important for interfaces and workflow changes as groups are forced to grow or consolidate.

- Pre-Operative planning module simplifies access to critical templating and relevant surgical information from the operating room
- Exa offers a full range of precise measuring tools and related features available at all PCs. These include distance, angle and Cobb angle measurements as well as spine labeling

A complete solution.

Enterprise Imaging

View images from any modality from across the enterprise with Exa.

- Protect investments in existing systems and workflows with a centralized archive and image exchange
- Standardize and integrate across specialties with consolidated workflow and viewing
- View large files—anywhere, from any device* with Exa's specialty viewing capabilities
- View DICOM and non-DICOM images across all departments by image enabling the EHR

PACS

Exa PACS offers full diagnostic toolsets and viewing capabilities from any computer. ZFP and SSR make image management fast, secure, and accessible from any PC including tablets and smart phones.

RIS/EHR

The software is designed to ease all obstacles both within the practice as well as for deployment to referring physicians. With complete EHR integration, the Exa RIS is able to support and change with new government and industry regulations such as Meaningful Use. Reimbursements are declining, so facilities need a software package designed to increase efficiency and attract more referring physicians. Marketing focused: Exa is not only focused on efficiency, but actual marketability. Your RIS should add features that drive more business your way, with accountability and tracking. Easy-to-use interfaces, strong marketing reports, and live dashboards will put you in the driver's seat to grow your business. Exa RIS is scalable and ideal for both single and multi-facility enterprises, allowing for practices to grow and evolve with new locations, modalities, and physicians.

The full featured Exa RIS features scheduling, reporting, dashboards, portals, procedure diagnosis validation, custom workflow design and is Meaningful Use certified.

Mobile

Exa has a comprehensive mobile imaging solution for mobile imaging providers serving long-term care facilities, nursing homes, rehabilitation hospitals, home care, hospice agencies and other settings that require imaging services onsite.

- GPS auto dispatching from remote tablets
- Ordering Facility Portal for referring physicians to schedule appointments
- Digitized process to mitigate risk of Protected Health Information (PHI) exposure
- Integrated PACS/RIS/Billing

Billing

Exa has an integrated billing module with full revenue cycle management features. The main focus of the EXA RIS/Billing modules is to help you file a clean claim the first time!

- Send electronic claims to any clearing house and receive electronic payments
- Fast claim coding with the radiology report available on a secondary monitor
- A collector style follow up queue to stay on top of claim denials and patient balances
- Accounts Receivable and productivity reports

IT SERVICES

Konica Minolta provides the right platform to suit your business requirements. Exa can be implemented on your premises or available in the cloud. With the cloud, Exa is hosted in Konica Minolta's state-of-the-art facilities with built in redundancy and disaster recovery for a true Software as a Services (SaaS) solution. Exa SaaS reduces your resource requirement and shifts the IT burden to Konica Minolta.

Protecting patient data is not only a prudent business practice, but a HIPAA requirement. Exa offsite backup and disaster recovery services provide peace of mind knowing that patient data stored in Exa is available in the unlikely case of system failure caused by nature or other means. Konica Minolta uses the latest monitoring and communication methods to proactively manage your data.

Performance Dashboards

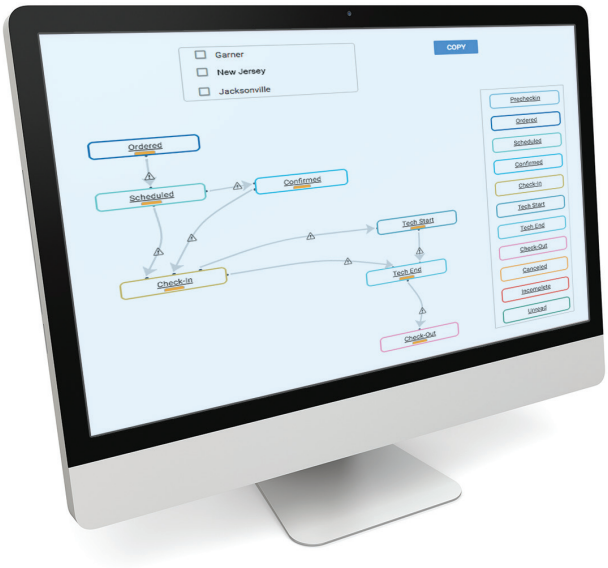
Increase accountability with performance dashboards.

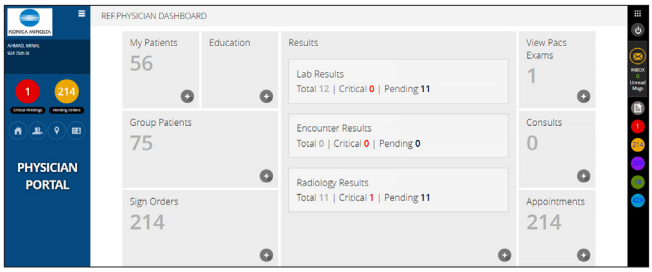
- Track performance metrics and workload live with an easy-to-read dashboard
- Track information such as daily exam volume, radiologist performance, and which referring physicians are ordering the most profitable exams

Konica Minolta's Exa Platform has an extremely configurable dashboard, giving each user the ability to maximize efficiency. Dashboard charts are customizable to show real-time data and overall performance summaries.

Custom Workflow Design Engine

The order of operations for an imaging study can vary drastically from business to business. Build your workflow based on your facility needs. Choose from the drag and drop status options to design your preferred imaging workflow. The ability to define the entire process step-by-step allows for the most efficient and productive procedure. Exa is the most flexible product in its class.





Referring Physician Portal

Give referring physicians secure, remote Web access that they will actually use! Referring physicians have access to:

- View images, reports, and scanned documents depending on facility permissions
- Provide patients with their exam prep documentation printed directly from the Exa software
- Electronically create, send, and sign off on exam orders

Patient Portal

Patients have access to administrative digital forms that are required to be filled out for appointments, in advance via the patient portal. Patients can also use the portal to access their images and reports in a shareable format.

Attorney Portal

Attorneys that require patient data for relevant cases now have access. Security features are adjusted so the attorney can access only the information that is authorized and pertinent including study/order status, exams, schedules, and reports.

EXA PLATFORM

Modules:
Enterprise Imaging
PACS,
RIS/EHR
Specialty Viewing
Mobile
Billing

Features:
Server Side Rendering
Zero Footprint Viewer
Cybersecurity
Performance Dashboards
Custom Workflow Design
Patient Portal
Referring Physician Portal
Attorney Portal
IT Services

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