



Every image. Every modality. **One system.**

A complete on-premise PACS — DICOM archive, diagnostic web viewer and RIS/EHR integration — running on your own hardware.

 DICOM & DICOMweb native

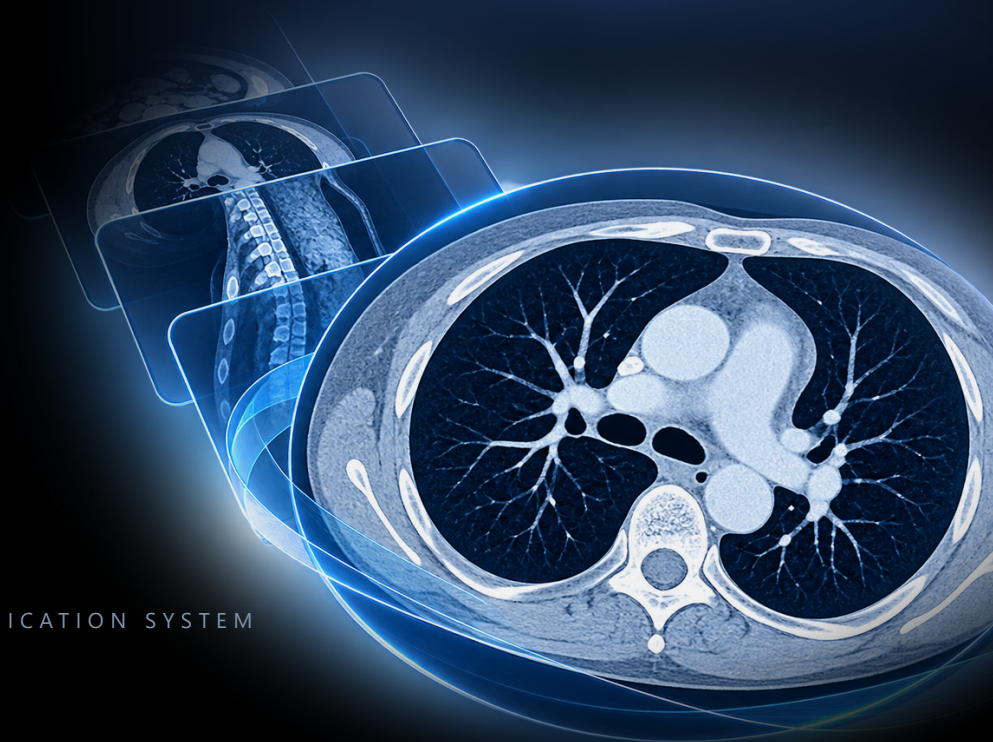
 Zero-footprint viewer

 MPR · MIP · 3D

 On-premise

 Android & iOS app

PICTURE ARCHIVING & COMMUNICATION SYSTEM



The complete imaging workflow. One platform.

Most imaging projects end up as three purchases — an archive, a viewer and an integration layer — from three vendors, with three support contracts. qPACS is one product: images arrive over standard DICOM, are archived on your own storage, and open instantly in a full diagnostic viewer that runs in a browser tab.

01

Complete, not a component

Archive, worklist, diagnostic viewer, modality worklist and admin console ship together and are configured in one place — one installer, one login, one vendor to call.

02

Zero-footprint viewer

Radiologists open studies in Chrome, Edge, Firefox or Safari. No client install, no plug-ins, no Java — the same viewer serves a reporting station, a ward PC or a laptop on call.

03

Your data stays yours

Fully on-premise. Studies are stored as standard DICOM Part-10 files on your disk or NAS with a PostgreSQL index — no cloud dependency, no per-study fees, no vendor lock-in.

04

Standards-native connectivity

C-STORE, C-ECHO, C-FIND, Modality Worklist and MPPS on the DICOM side; QIDO-RS, WADO-RS and STOW-RS on the web side. Standards-based connectivity across vendors.

05

Built to integrate

Orders push straight into the modality worklist and clinicians launch a study from inside your RIS/EHR in one click — with native MediCubes integration, single-use launch tokens and a documented API for everything else.



A complete diagnostic toolkit

Measurement & ROI

Cine

Advanced W/L

qLens™

MPR

MIP / MinIP

3D volume rendering

90+ tools and features in the viewer — all browser-based, with no client install, no per-seat viewer licence and no per-study cloud fees.

Radiologist

Fast diagnostic viewing with priors alongside, measurement and ROI, qLens, MPR/MIP and 3D — one click from the worklist or your RIS.

Technologist

Modality worklist instead of re-typed demographics, fewer identity errors, automatic archiving and procedure status flowing back by itself.

Hospital IT

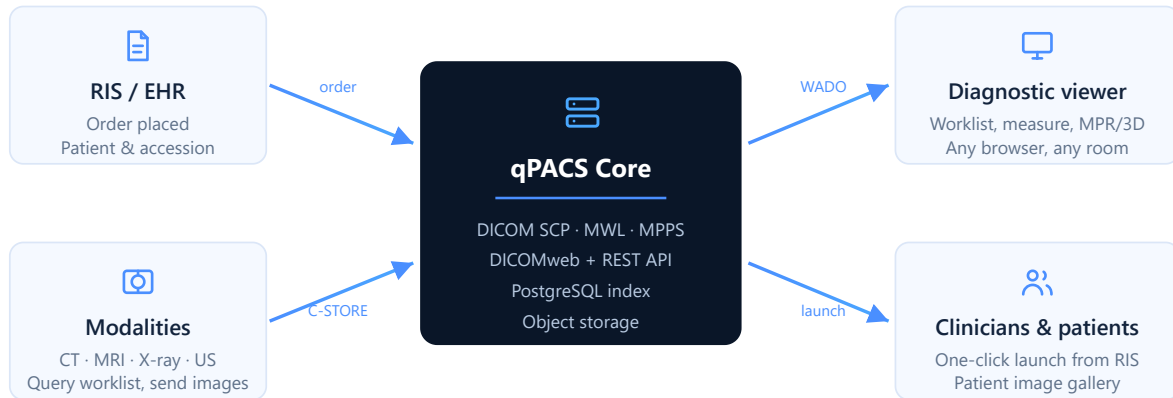
On-premise, standard DICOM and DICOMweb, one database and one storage path, browser-only clients and documented APIs.

Management

One platform and one supplier, centralised administration, role-based access and a complete audit trail.

From modality to diagnosis, without the detours.

One flow, four steps. The order leaves your RIS, the modality picks it up from the worklist, images land in the archive automatically, and the study is one click away from the clinician who ordered it.



01

Order

The RIS pushes the order; it appears on the modality worklist with patient and accession details.

02

Acquire

The technologist selects the patient at the console and scans. Status flows back via MPPS.

03

Archive

Images arrive by C-STORE, are indexed and matched to the order, and written to your storage.

04

Read

The study opens in the browser with priors alongside — from the worklist or the RIS.

⌚ What that means on a Tuesday morning

- ✓ No re-typed demographics at the console
- ✓ Study in the archive seconds after acquisition
- ✓ Priors and current side by side in the browser
- ✓ Every access attributable to a named user

Studies

[Upload files](#)
[Upload folder](#)
[Admin](#)
[Columns...](#)

 Administrator [Admin](#)
[Sign out](#)

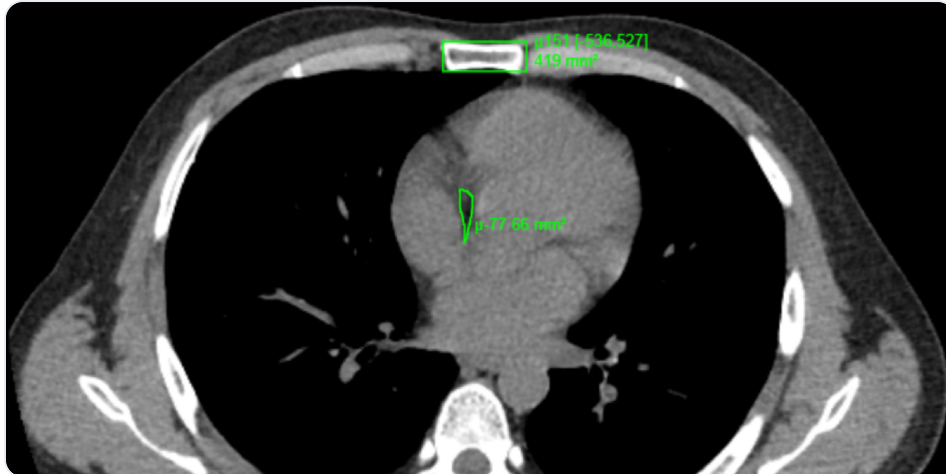
Drag & drop DICOM files, a **folder**, or a **.zip** (e.g. a CT series) here.

Patient	Patient ID	Visit No	Accession	Description	Modality	Date	Series	Images	
Demo*Case03	DEMO-0003	V2026-0003	1086464	Upper Extremities	DX	2026-08-13 21:46	1	1	Open Remove
Demo*Case02	DEMO-0002	V2026-0002	1086413	CT KUB PLAIN	CT	2026-08-13 19:42	6	754	Open Remove
Demo*Case01	DEMO-0001	V2026-0001	1085665	Chest	DX	2026-08-11 10:44	1	1	Open Remove
Demo*Case05	DEMO-0005	V2026-0005	888953	NLST-LSS	CT	1999-01-05 00:00	1	150	Open Remove
Demo*Case04	DEMO-0004	V2026-0004	—	US Kidney	US	1958-10-30 05:39	1	43	Open Remove

The qPACS worklist. Studies appear here seconds after acquisition, matched to their order by accession number, with patient, visit, modality, series and image counts — and drag-and-drop upload for anything arriving outside DICOM.

Diagnostic imaging. Without leaving the browser.

Radiologists open a study in Chrome, Edge, Firefox or Safari and have the tools of a reading station in front of them — on a reporting workstation, a ward PC or a laptop on call, with nothing installed on any of them.



A real read. Rectangle and freehand ROI on a chest CT, each reporting mean density and area in real units — drawn in the browser, over the archived study, with the source pixels untouched.

Read faster

- Window/level with presets — lung, bone, brain, soft tissue
- Stack scroll, cine and series navigation
- Prior studies open alongside the current one
- Layouts to 3×3, synchronised viewports, crosshair
- Keyboard shortcuts and mouse bindings that follow the reader

See past the axial stack

- qLens™ local enhancement, source image untouched
- MPR with a linked crosshair across planes
- MIP and MinIP thick-slab projection
- 3D volume rendering with orbit and zoom
- Ultrasound colour and multi-frame cine loops

Measure with confidence

- Length, angle and Cobb angle
- Rectangle, ellipse and freehand ROI — mean, min, max, area
- Probe for pixel value and CT Hounsfield units
- Arrow and text annotation
- Annotations and measurements stay with the study

Capture, share and bring in

- Key image marking and snapshot
- Export as PNG or JPEG, or print
- Permission-gated DICOM download
- DICOM tag inspector for troubleshooting
- Drag in outside studies — files, a folder or a .zip

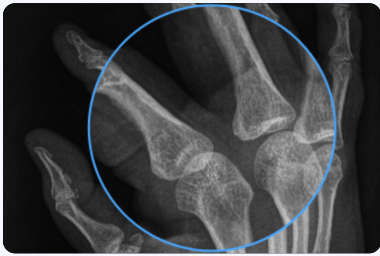
Engineered for the read, not for the demo

- ✓ Compressed studies are decoded server-side — the browser stays light
- ✓ Large CT and MR series scroll without stalling
- ✓ Slices stream progressively so the first image is up immediately
- ✓ The same interface on every PC in the building

The complete tool and feature inventory — every measurement, navigation, output, connectivity and security item — is listed in the **qPACS specification sheet**.

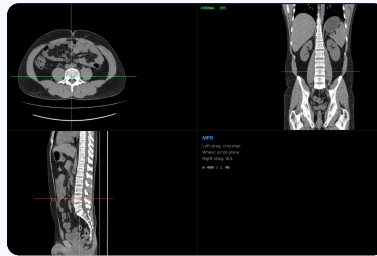
Tools that usually need a second workstation.

Advanced visualisation is normally a separate purchase: another workstation, another licence, another queue, and a study that has to be exported to reach it. In qPACS it is part of the same browser session the study is already open in.



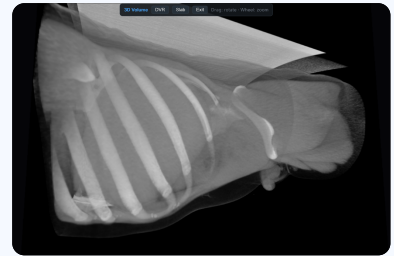
qLens™

Edge enhancement applied inside the lens only — the surrounding image stays exactly as acquired, and the source pixels are never modified.



MPR

Axial, coronal and sagittal reconstructed from one CT series, with a linked crosshair and per-plane scrolling at W 400 / L 40.



3D volume rendering

DVR and thick-slab from the archived study, rotated and zoomed in the browser — no export and no rendering workstation.

qLens™ — what the lens can apply

Magnify

Alternate W/L

Contrast

Sharpen

Denoise

Invert

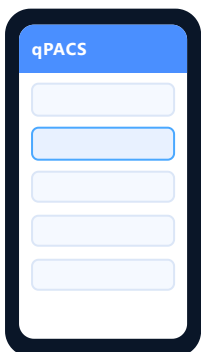
Adaptive contrast

Edge-aware sharpen

Bilateral denoise

⚡ Why it matters clinically

- ✓ The source DICOM pixel data is never modified — enhancement is display-only and reversible
- ✓ The viewer indicates clearly when post-processing is active
- ✓ One-click reset returns the image to its acquired presentation
- ✓ No export, no second dataset, no version of the study to reconcile later



📱 qPACS Mobile — Android & iOS

Secure mobile access to studies and the qPACS viewer. Search the worklist, open a study, and leave nothing behind on the phone.

- Study worklist with paging and instant search
- Search by patient, ID/MRN, accession, modality or date
- Opens studies in the qPACS viewer, with the same tools and presets
- Signs in with the same PACS account, role and permissions
- No images, reports or patient data stored on the device
- Points at your server — nothing routes through a cloud service

Archive, workflow, governance.

Behind the viewer sits a full archive: a standards-compliant DICOM node, a searchable study index, order and reporting workflow, and the access controls a hospital needs before a single patient image is stored.

Connectivity without a project

- C-STORE, C-ECHO, C-FIND, Modality Worklist and MPPS
- DICOMweb QIDO-RS, WADO-RS and STOW-RS
- Devices registered by AE title, with an optional allow-list
- Compressed transfer syntaxes handled server-side
- Web upload of outside studies — files, folders or .zip

Reporting where the images are

- Report editor alongside the study
- Templates by modality or body part
- Draft, finalise, sign and controlled addendum
- Critical finding flag and full report history
- Results delivered back to your RIS / HIS / EMR

The worklist your department runs on

- Search by patient, accession, modality, date or description
- Statuses from unread to verified, and assignment to radiologists
- Priors and current-vs-prior comparison
- Orders reconciled to studies by accession number
- Patient image gallery for non-radiology staff

Governance built in

- Role-based access control and optional SSO
- Audit of study access, exports and annotation changes
- Session timeout and patient-context protection
- Anonymisation for approved secondary use
- Single-use, short-lived launch tokens for integrated apps

RBAC

Audit trail

SSO

TLS

Single-use tokens

Anonymisation

Connect the equipment you already own



CT



MRI



Computed radiography



Digital radiography



Ultrasound



Mammography



Angiography



Nuclear medicine · PET



Secondary capture

qPACS is designed to receive and archive objects from DICOM-conformant modalities across vendors. Adding a scanner is a configuration change — not a service call.

Administration without a specialist

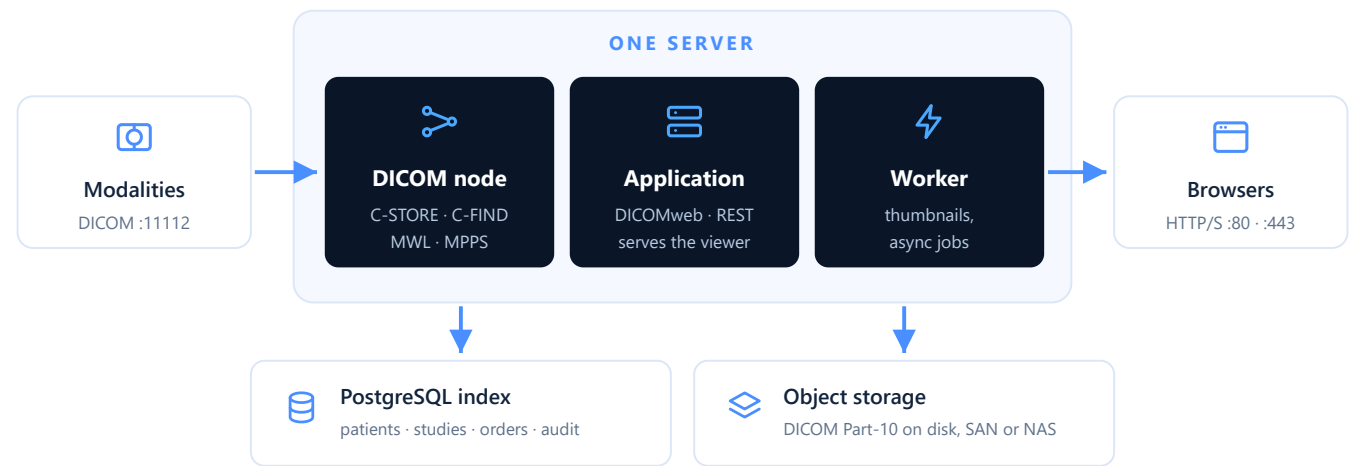
- ✓ Register modalities and test connectivity from the browser
- ✓ Create users and assign roles in seconds
- ✓ Enable or disable a device without restarting services
- ✓ Standard files and database — back up with your own tools

Your images, in a format you can still read in ten years

Every study is stored as standard DICOM Part-10 on your own disk, SAN or NAS, indexed in PostgreSQL — readable by any DICOM tool, with no proprietary container in the way.

On your hardware, on your terms.

No containers, no application server, no reverse-proxy project — three services, one database, one storage path, all on a single machine you already control.



REQUIREMENTS	
Server Recommended	Windows Server 2019+ / Windows 10+ or a current Linux distribution · 4+ CPU cores · 24 GB RAM · SSD for the database · bulk storage sized to study volume and retention policy.
Workstations	Any modern browser — Chrome, Edge, Firefox or Safari. No client installation, plug-in or Java runtime. WebGL2 is used for 3D rendering where available.
Network	Standard hospital LAN. Web traffic on port 80/443, DICOM on port 11112 (configurable). Works with or without a domain; TLS supported and recommended for clinical use.
Licensing	Signed, node-locked licence file validated offline — no internet connection required. Entitlements cover connected modality count and modality types, with optional modules per licence.

Integration without lock-in

DICOM C-STORE · C-ECHO · C-FIND MWL · MPPS	DICOMweb QIDO-RS · WADO-RS STOW-RS	REST API Orders · launch tokens application integration	NATIVE MediCubes RIS/EHR OpenAPI specification
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Specifications are indicative and subject to change without notice. Availability of individual features may depend on edition, licence entitlements, deployment configuration and the capabilities of connected modalities and third-party systems. Sizing guidance should be confirmed against your study volume and retention requirements. Regulatory status for diagnostic use varies by territory; please confirm the applicable status for your market before clinical use.



See it read **your** studies.

The fastest way to evaluate qPACS is to point a modality at it. We install a full working system, connect it to your equipment and walk your team through a live read — on your images, on your network.



CONNECT A MODALITY



SEND A STUDY



READ IT IN THE
BROWSER

REQUEST A LIVE DEMO