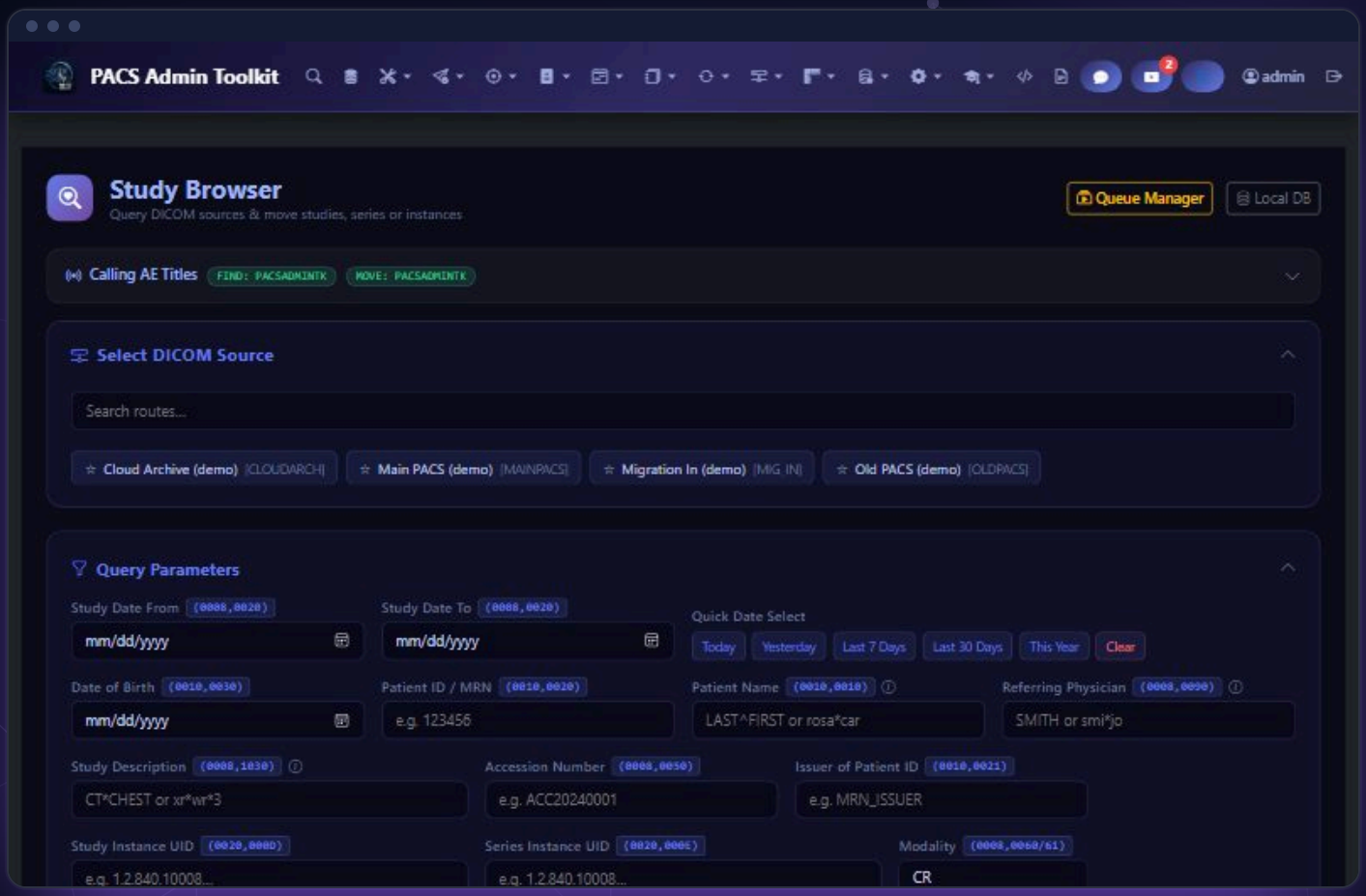
Imaging & Routing | Leads with Transform

DICOM Tools

Find, move, import, test and tidy studies from one browser, without a ticket to the PACS vendor.



The everyday PACS administrator's workbench: query any archive and move studies, run bulk C-MOVEs from a spreadsheet, import outside CDs and test connections. A local database browser with a reference viewer, edits and a recycling bin keeps stored studies under control.

1 list
to thousands of C-MOVEs, with an audit export

4 probes
C-ECHO, C-FIND, C-MOVE and C-STORE in one test

0
files removed until the recycling bin is purged

Replaces: **Desktop DICOM utilities and ad-hoc scripts**

License module `DICOM_TOOLS`

THE CHALLENGE

Why it matters

A PACS administrator's day is full of small DICOM jobs: pull last year's CT to a 3D workstation, send 2,000 accessions to a research gateway, load a patient's outside CD without clashing MRNs, find out why a new modality cannot connect. Each one usually means a different desktop utility, a script, or a ticket to someone else.

Those tools leave no shared record. When a research team asks which studies were sent, or why ten were missing, the answer lives on one person's laptop.

> IN SHORT
>
> The everyday PACS administrator's workbench: query any archive and move studies, run bulk C-MOVEs from a spreadsheet, import outside CDs and test connections. A local database browser with a reference viewer, edits and a recycling bin keeps stored studies under control.

CAPABILITIES

What it does

- **Study Browser for any archive**
  Query any configured PACS or device by date, patient, accession, description, modality or UID, drill into series and images, and move the selection to any destination.
- **Bulk C-MOVE from a spreadsheet**
  Load a list of accessions, patient IDs or UIDs from CSV, Excel, XML or JSON; each row is found then moved, with NotFound and Failed rows retried and the whole job exported as an audit.
- **Local database browser**
  Search what this server stores, view it, send it, edit tags, move or merge patients (with rollback), anonymise copies, export ZIPs and attach paperwork, each action under its own permission.
- **Reference viewer and report viewer**
  Open stored studies with comparison priors, hanging protocols and per-user presets, and read reports side by side; for reference and technical work, not for diagnosis.
- **Outside media import**
  Drop a CD or folder; prefix patient IDs and accessions, file studies under an existing patient or assign new UIDs before anything is imported.
- **Documents into the study**
  Upload or scan paperwork, pick and crop pages, find the study by C-FIND and send it as Secondary Capture.
- **Connection testers**
  The Handshake Tester probes a destination with C-ECHO, C-FIND, C-MOVE and optional C-STORE, and stress-checks this server's own listeners; the Worklist Tester queries a worklist like a modality would.
- **Realistic test data**
  The Sample DICOM Creator makes studies for 26 modalities, up to 5,000 images per run, for testing routes and archives safely.

Safe housekeeping
Deletes go to a recycling bin first, patch jobs write edits to disk with retries, Store Reindex finds unindexed files, and protected studies stop a delete.

WORKFLOW

How it works

1
Register systems
Add each PACS and device once in DICOM Destinations and prove it with the Handshake Tester.

2
Find
Query a remote archive in the Study Browser, or the local store in the Local Database Browser.

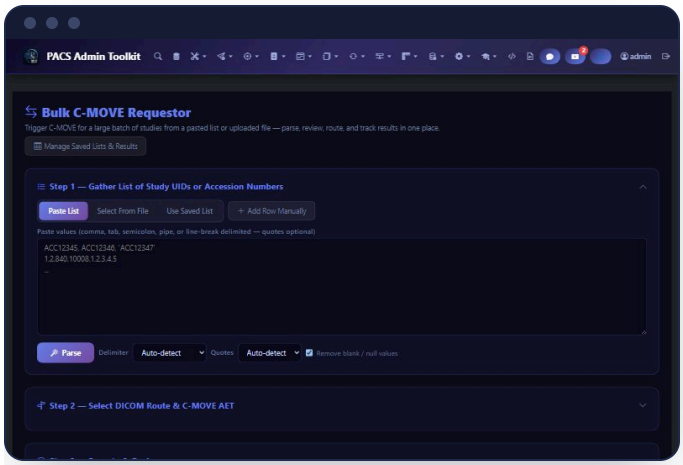
3
Move or send
C-MOVE selected studies, a whole spreadsheet, or C-STORE from the local store through the DICOM queue.

4
View and fix
Check images, edit tags or merge patients; patch jobs rewrite the files in the background.

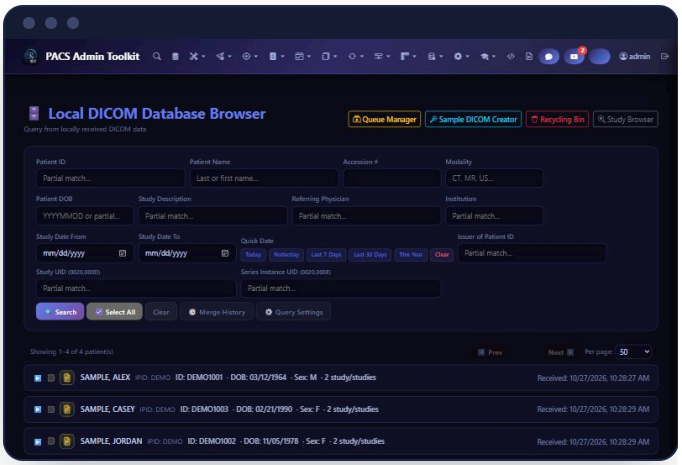
5
Keep a record
Bulk jobs, queue items and edits are kept and exportable until their retention ends.

IN THE PRODUCT

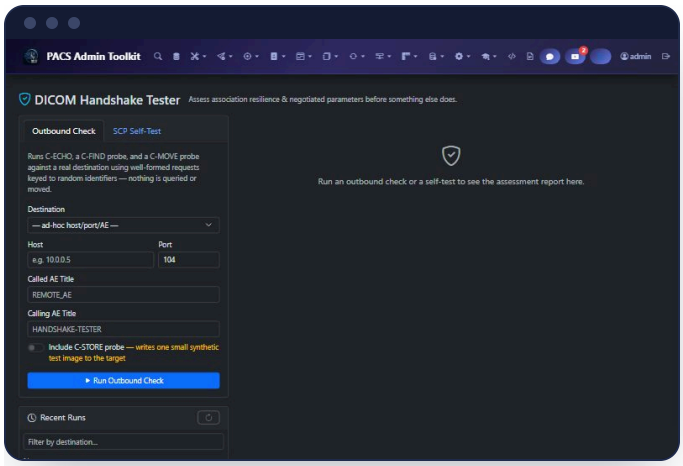
See it in action



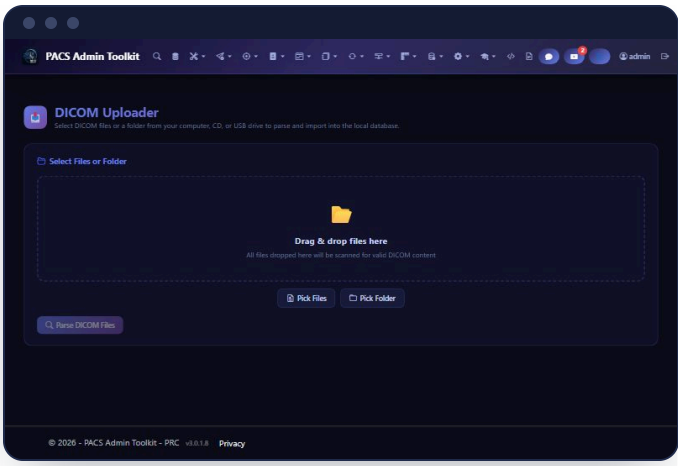
Bulk C-MOVE: paste or load a list, review it and start the job



Local Database Browser with view, send, edit, merge and export



Handshake Tester: one run proves a connection end to end



DICOM Uploader: an outside CD shown as a tree, prefixed before import

USE CASES

Where it pays off

Research export of 2,000 studies

CHALLENGE	A research team sends a spreadsheet of accession numbers that must reach a de-identification gateway, and wants proof of what was sent.
WITH PATK	The Bulk C-MOVE Requestor loads the Excel file, runs three rows at a time against the PACS, and flags NotFound rows for correction and retry.
OUTCOME	**The job finishes unattended, and the CSV audit goes straight to the research team.**

Manual fetching for a multi-site radiology group

CHALLENGE	A multi-site radiology group's PACS could not pull studies on demand from several archives to several destinations, so staff juggled vendor query screens.
WITH PATK	A dedicated PATK instance, rebranded as a "Manual DICOM Fetcher" with Config, Rebrand, gives staff the Study Browser and Bulk C-MOVE across every archive and destination.
OUTCOME	**One screen for every on-demand fetch, branded for that single job, alongside the existing PACS.**

Outside CDs at a busy imaging centre

CHALLENGE	Patients bring CDs from other hospitals whose MRNs clash with local ones.
WITH PATK	The Uploader prefixes outside patient IDs or files the studies under the matched local patient, then the Local Database Browser sends them to the PACS.
OUTCOME	**Outside studies reach the PACS under the right patient, without a desktop import tool on every front-desk PC.**

New modality go-live	
CHALLENGE	A new ultrasound shows "no worklist" and will not send, on the morning it goes live.
WITH PATK	The Worklist Tester queries as the modality; the Handshake Tester shows whether the association is refused or the port is closed.
OUTCOME	**The cause is found in minutes and fixed on the right system, without waiting for a vendor engineer.**

3T

Trust · Truth · Transform

Trust

Every action has its own permission; deletes are recoverable until purged; legal holds and keep policies stop deletes; merges can be rolled back.

Truth

Bulk jobs keep a row-by-row audit, testers keep their runs, and the queue shows every move and send with its error.

Transform

Requests that took a ticket and a wait become a few minutes in a browser, done by the people who need them.

VALUE MODEL

What it can be worth

An example regional imaging group handling ad-hoc DICOM requests in-house instead of through tickets and desktop tools.

Ad-hoc study retrievals per year (15 per working day)	3,750
Staff time saved per retrieval	6 minutes
Outside CDs imported per year	1,200
Staff time saved per CD	10 minutes
Bulk C-MOVE projects per year, 16 hours saved each	4
Connection problems diagnosed per year, 1.5 hours saved each	24
Blended PACS staff cost per hour	$55

$37,000

Estimated yearly value

Illustrative example. Your volumes, staffing and costs will differ; we will build this model with your own numbers.

DIFFERENTIATORS

Why it stands out

Shared, not personal
Desktop DICOM utilities live on one laptop; PATK keeps jobs, results and audit on the server for the whole team.

Bulk with proof
List-driven C-MOVE with per-row status and export replaces scripts that nobody else can read.

Safe by default
Recycling bin, protected studies and patch jobs with retries guard against the mistakes ad-hoc tools allow.

One platform
The same destinations, queue and login serve routing, prefetch, migration and reporting.

SPECIFICATIONS

At a glance

Standards	DICOM C-FIND, C-MOVE, C-STORE, C-ECHO, Modality Worklist C-FIND
Inputs	Remote archives, local store, CDs and folders, CSV / Excel / XML / JSON lists, scanned or uploaded documents
Tools	Study Browser, Bulk C-MOVE, Local Database Browser, viewer, Uploader, Sample Creator, testers
Housekeeping	Recycling bin with retention, patch jobs, Store Reindex, bulk job retention
Controls	Per-action permissions, protected studies, rollback for merges

See DICOM Tools with your own data

Ask for a guided demo or a trial license. PACS Admin Toolkit installs on your own Windows server in under an hour, and every module comes with step-by-step guides and in-app guided tours.

sales@3tconsults.com | support@3tconsults.com | +1 (612) 564-9194 | www.3tconsults.com

Not a medical device. PACS Admin Toolkit is not FDA-cleared or CE-marked and is not intended for primary diagnosis. It manages imaging and reporting data and workflows around the clinical systems that do.

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