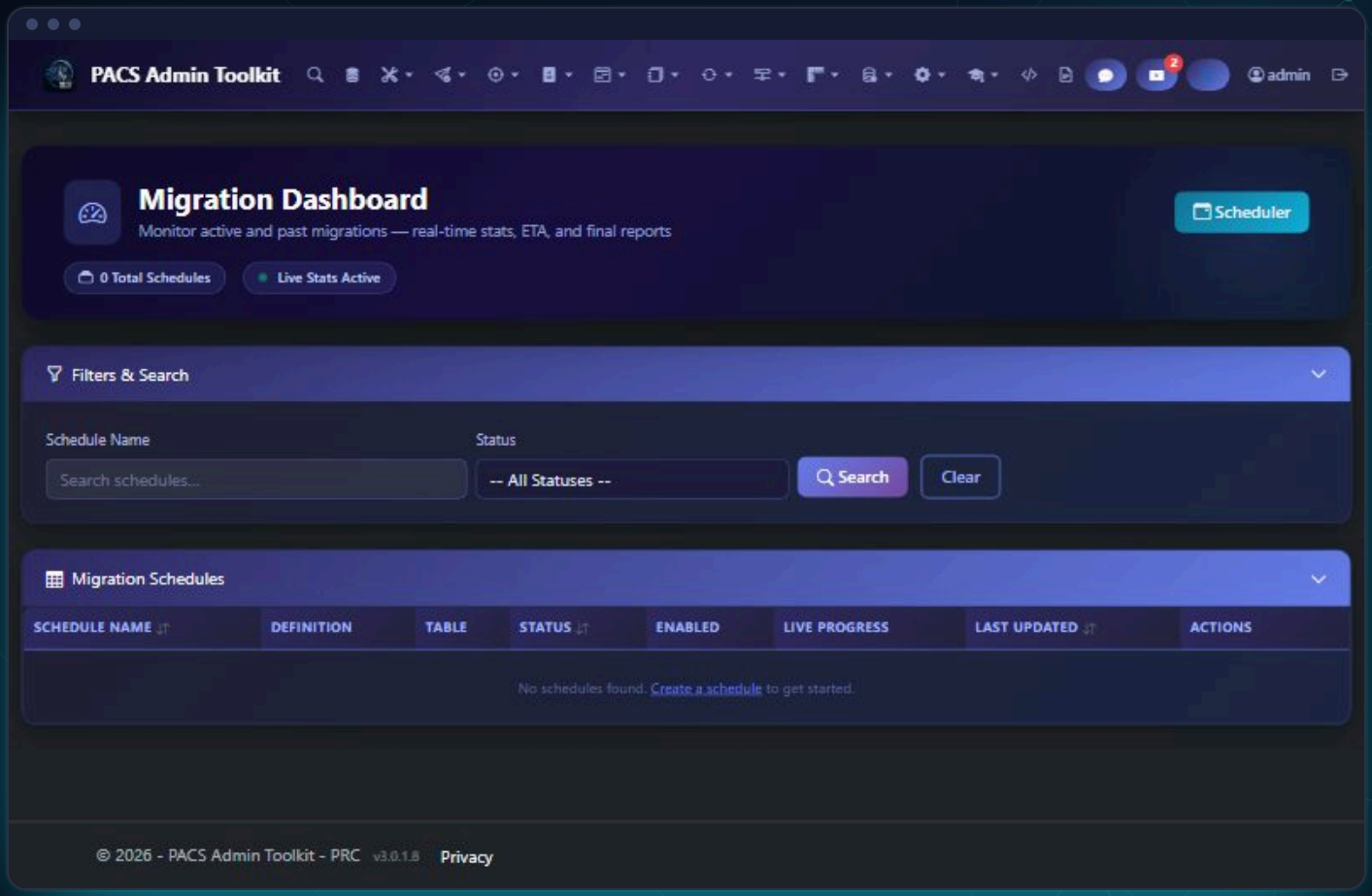
Data Lifecycle | Leads with Trust

PACS Migration

Move every study from the old PACS to the new one, fix tags on the way, and prove it arrived.



Runs PACS-to-PACS migrations with DICOM C-MOVE from a study list you build, on schedules that respect both systems' load, and verifies every study's image count at the destination. Tag changes and multi-million-row ID crosswalks can be applied to every image on the way.

Every study
image count verified at the destination

~1M rows a minute
crosswalk load speed (typical)

0
changes made to the source PACS

Replaces: **Per-study migration service or scripted C-MOVE batches**

License module `MIGRATION`

THE CHALLENGE

Why it matters

Replacing a PACS, consolidating archives after an acquisition or retiring a legacy system all end in the same project: millions of images that must leave one system and arrive, complete, in another. Migration services usually charge per study, run on their timetable, and report progress as a spreadsheet you have to take on trust.

The hard part is rarely the copy. It is knowing which studies are missing, keeping the old PACS fast enough for daily work while it is being emptied, and fixing patient IDs, issuers and institution names that the new system needs different.

> IN SHORT
>
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CAPABILITIES

What it does

- **A study list from anywhere**
  Build the index from a CSV, Excel, JSON or XML file, a database query on a saved connection, or a C-FIND by date range that runs day by day and can be resumed.
- **C-MOVE, one study at a time**
  PATK asks the source to send each study by StudyUID, or by accession number resolved with a C-FIND first.
- **Verified, not assumed**
  C-MOVE and Verify compares every study's image count at the destination or a separate verify route and re-requests missing images automatically.
- **Paced around clinical work**
  Threads, studies per day, run windows with their own limits, blackout dates, and automatic slow-down when this server's CPU or RAM is high.
- **Watches the other servers too**
  Server probes read CPU, RAM and disk load from the destination PACS or archive (Windows over WinRM or DCOM, Linux over SSH) and throttle the migration when one is busy.
- **Tag changes on the way**
  Routed through a PATK listener, every image can get fixed values, ID swaps, description clean-ups or custom AND / OR mappings, stored and forwarded or passed straight through.
- **Crosswalks of any size**
  Load multi-million-row old-to-new ID files in pieces; conflicts, chains, ambiguous and too-long rows are flagged, Impact shows how many studies will change, and Try it shows a study before and after.
- **Alerts and progress e-mails**
  Failure, stall, load and service alerts, plus daily, weekly and end-of-run progress reports.

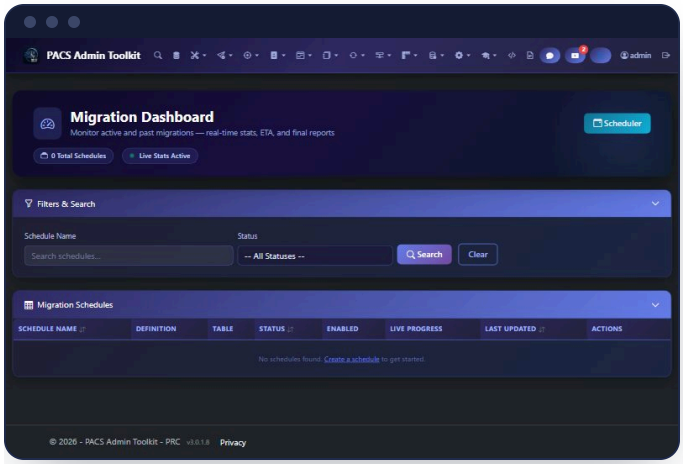
WORKFLOW

How it works

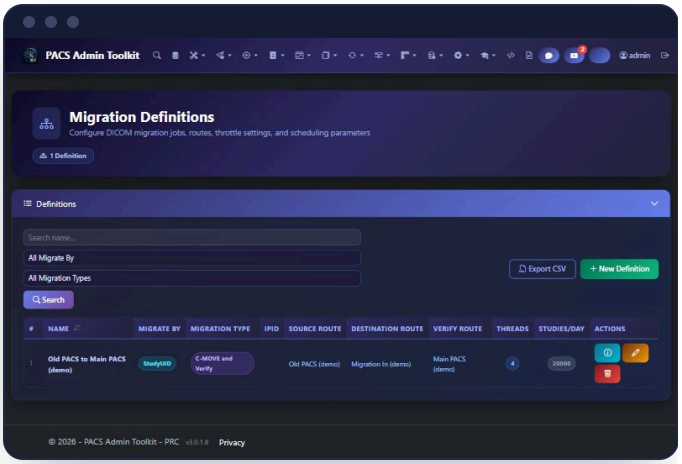
1. **Destinations**
   Add the source, destination and optional verify system, and C-ECHO each.
2. **Definition**
   Choose StudyUID or accession, C-MOVE and Verify, and how hard to push.
3. **Index**
   Import the study list and approve it after a 20-row preview.
4. **Tag changes**
   Optional: set values or load a crosswalk, check Impact and try it on a study.
5. **Schedule and verify**
   Run in windows; the dashboard tracks every study to VerifyComplete.

IN THE PRODUCT

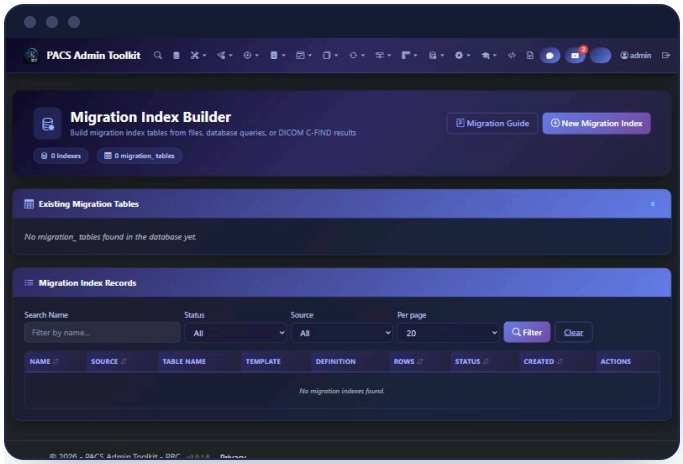
See it in action



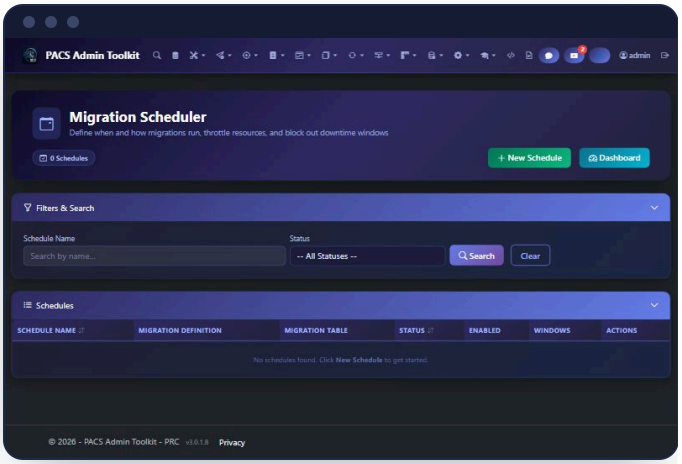
Progress, speed, time left and every error with its reason



Definitions: source, destination, verify route and how hard to push



The study list, built from a file, a database query or a C-FIND



Run windows and blackout dates for each schedule

USE CASES

Where it pays off

Retiring an end-of-life PACS

CHALLENGE	Five years of studies must move to the new PACS before the old system's support contract ends, without slowing it for daily reading.
WITH PATK	A C-FIND index covers the five years day by day; a 25-study pilot is checked, then the full list runs weeknights and weekends with a month-end blackout and verify on.
OUTCOME	**The old PACS is emptied on a predictable timetable, and every study has a verified image count before it is switched off.**

A multi-site radiology group consolidating PACS

CHALLENGE	A multi-site radiology group moves studies between PACS as sites join and systems are replaced, and wants each project run by its own team.
WITH PATK	The group runs PATK for its PACS-to-PACS migrations, in an instance rebranded under Config for the migration work, with definitions, schedules and server probes per project.
OUTCOME	**Migrations run in-house on the group's own timetable, with the dashboard, not a vendor spreadsheet, as the record of progress.**

Acquisition with a new MRN and issuer

CHALLENGE	An acquired hospital's studies must move into the main PACS under enterprise MRNs from a 4-million-row crosswalk, with a new institution name and issuer.
WITH PATK	The migration runs through a PATK listener; Swap IDs loads the crosswalk, fixed values set institution and issuer, Impact and Try it confirm the result, and the bulk runs forward only after the pilot.
OUTCOME	**Studies arrive already carrying the identifiers the main PACS expects, and the migration table records what changed on each one.**

3T

Trust · Truth · Transform

Trust

The source PACS is never modified, UIDs are never changed, every study is verified by image count, and the migration slows itself when this server or a watched server is busy.

Truth

Every study has a status from queued to VerifyComplete; errors, verify retries and failures list their reason, and the tag-changes panel shows how many studies and images were changed.

Transform

A project that used to need a per-study service and weekly status calls runs in-house, at night, and e-mails you its progress.

VALUE MODEL

What it can be worth

An example 400,000-study legacy archive migrated in-house instead of by a separate per-study migration service.

Studies to migrate	400,000
Per-study fee of a separate migration service, avoided	$0.50 ($200,000)
Reconciliation hours saved by verify and error lists instead of spreadsheets	120 hours
Blended staff cost per hour	$55 ($6,600)
Months of legacy support avoided by finishing earlier	3
Legacy PACS support cost per month	$4,000 ($12,000)

$218,600

Estimated project value

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

DIFFERENTIATORS

Why it stands out

- **Owned, not rented**
  Migrations run on your schedule with your staff, where a separate migration service charges per study and decides the pace.
- **Proof built in**
  Image-count verification with automatic re-requests replaces the spreadsheet reconciliation that scripted C-MOVE batches leave behind.
- **Tag changes without a second project**
  IDs, issuers, institutions and descriptions are corrected on the way, with Impact and Try it, instead of a clean-up after the data has landed.
- **Moving off a legacy router, worklist or prefetch product too?**
  The Laurel Bridge configuration import is part of the core platform and reads Compass, Waypoint and Navigator exports.

SPECIFICATIONS

At a glance

Standards	DICOM C-FIND, C-MOVE, C-ECHO, C-STORE (through a PATK listener)
Study lists	CSV / TXT / Excel / JSON / XML files, database queries, C-FIND by date range
Verification	Image counts per StudyInstanceUID at the destination or a verify route, automatic re-requests
Pacing	Threads, studies per day, run windows, blackout dates, CPU / RAM limits, server probes
Tag changes	Fixed values, ID swaps, description lists and find and replace, AND / OR custom mappings
Notifications	Failure, stall, load and service alerts; daily, weekly and end-of-run reports (SMTP)

See PACS Migration 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

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