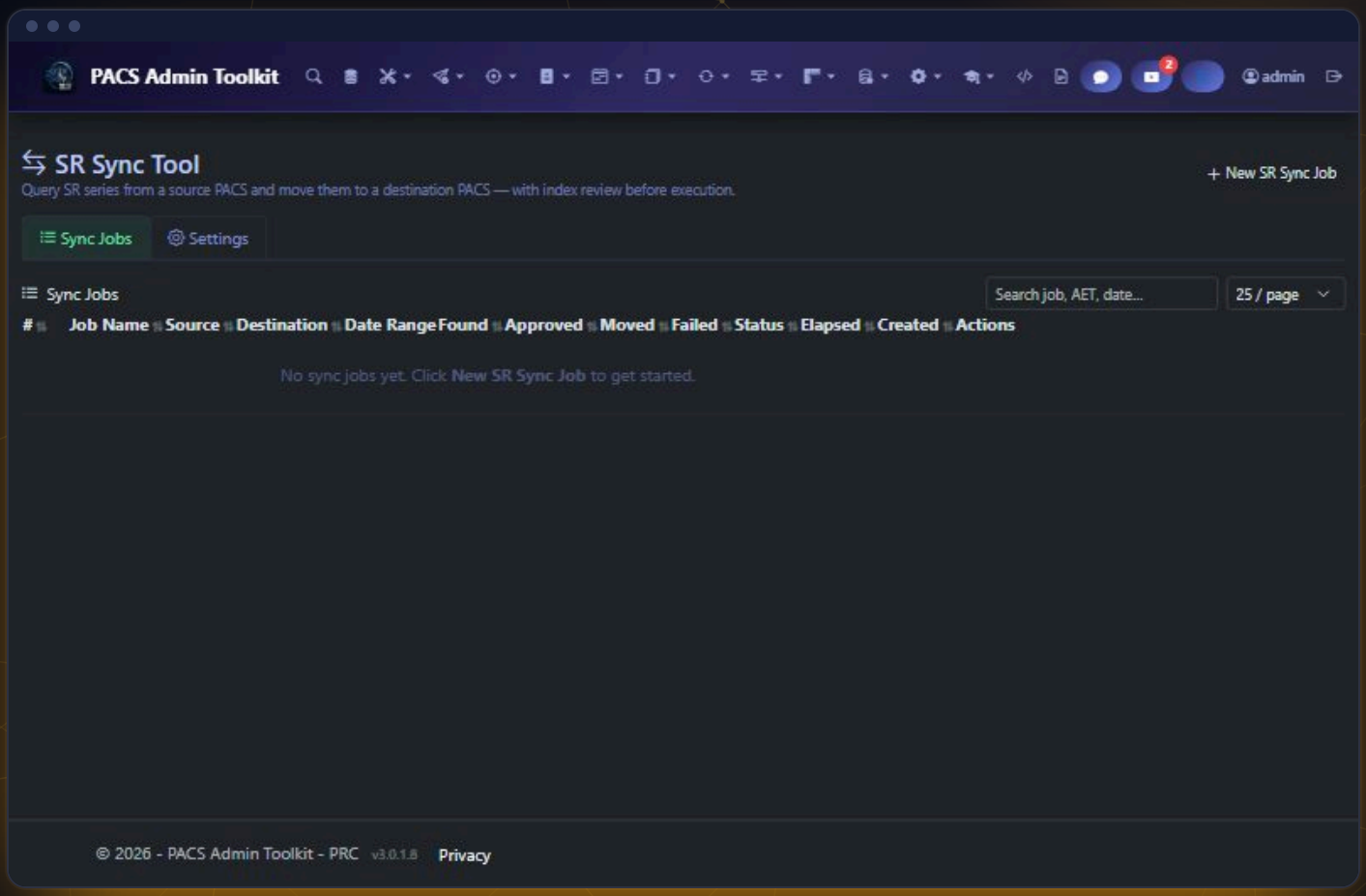
Reports & Results | Leads with Truth

SR Sync

Find the structured reports that never arrived, and move them where they belong, on a timetable.



Finds SR series on one PACS by date window and DICOM conditions, lets you review the list, and C-MOVEs them to another system. Schedules, backup sources and failover keep reporting systems and archives complete without anyone running queries by hand.

Day by day
backfills built one day at a time, resumable after a restart

Up to 5
backup sources tried in order when the primary is down

0
series sent twice, with skip already moved

Replaces: **Manual query-and-move sessions or a scripted SR catch-up job**

License module `SR_SYNC`

THE CHALLENGE

Why it matters

Measurement SRs from ultrasound, echo and DEXA are only useful if they reach the system that reads them: the reporting interface, a second archive or a report repository. When a listener goes live late, an interface is down for a weekend or a modality is pointed at the wrong destination, the missing SRs are invisible until a sonographer or a radiologist asks where the numbers went.

Catching up means someone querying the PACS by date, exporting a list, picking the right series by eye and moving them one batch at a time. It is slow, it is easy to miss a day, and nobody can say afterwards exactly what was sent.

IN SHORT

Finds SR series on one PACS by date window and DICOM conditions, lets you review the list, and C-MOVEs them to another system. Schedules, backup sources and failover keep reporting systems and archives complete without anyone running queries by hand.

CAPABILITIES

What it does

- **Find by date window**
  A series-level C-FIND for modality SR over fixed dates or a dynamic window such as yesterday, last full week, last full month or since the last run.
- **Conditions on any tag**
  Equals, contains, wildcards, lists, regular expressions, date ranges and empty checks on any DICOM tag; the tool shows whether each one is sent to the PACS or checked on the results, and re-checks them all.
- **SR-object checks**
  Tags that live on the SR itself, such as Completion Flag, Verification Flag and SOP Class UID, add an image-level query, so only final, verified SRs are kept.
- **Review before anything moves**
  Every series found is listed with the condition values and a summary of what each condition removed; untick what you don't want, then approve the C-MOVE.
- **Schedules**
  Every N hours, daily, weekly or monthly, with a rolling window, an automatic C-MOVE and an optional hold limit that stops an unusually large run for review.
- **Long backfills that finish**
  The index is built one day at a time, busy days are split into 6-hour then 1-hour windows, failed days and moves are retried automatically, and a restart resumes where it stopped.
- **Backup sources and several destinations**
  Up to five backup sources chosen by C-ECHO, and destinations served to all or first-success-wins with automatic failover around a destination that is down.
- **E-mails that say what happened**
  One e-mail when a job is ready for review or finished, and a separate alert when a job ends with failures, each with a link to the job.

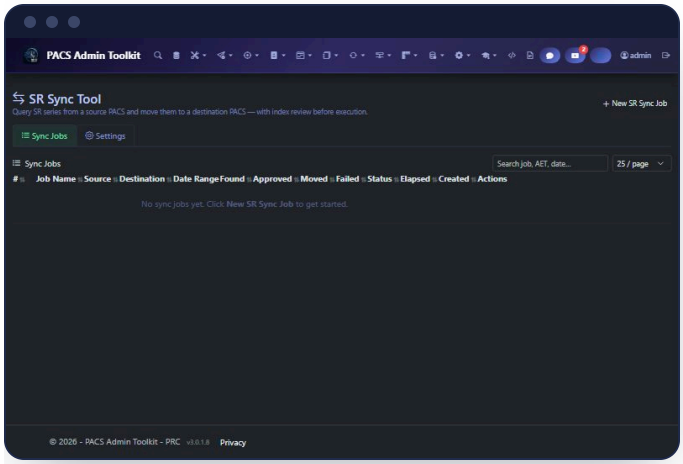
WORKFLOW

How it works

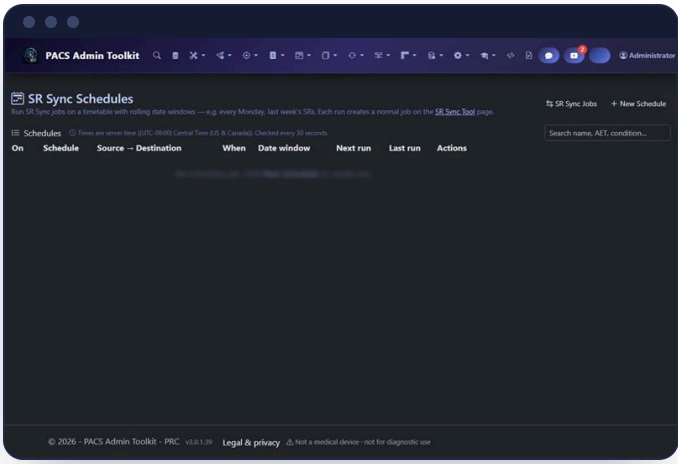
1. **Define the window**
   Pick the source, the destination and a fixed or rolling date window.
2. **Add conditions**
   Narrow by description, series number, flags or any other tag.
3. **Build the index**
   PATK queries the PACS day by day and applies every condition to the results.
4. **Review or auto-approve**
   Check the list, or let a schedule move it within its hold limit.
5. **Move and confirm**
   Series-level C-MOVEs run, failures retry, and series already moved are skipped.

IN THE PRODUCT

See it in action



Jobs with live progress, day by day, and the review before any C-MOVE



Schedules with a rolling window, next runs and the last result

USE CASES

Where it pays off

Back-loading SRs after a reporting interface goes live

CHALLENGE	The SR-to-report interface went live this week; last month's echo measurements never passed through it.
WITH PATK	A one-off job with last month's dates and "Series Description contains ECHO" builds the list, the review confirms it, and one approval moves every series to the SR listener.
OUTCOME	**A month of SRs back-loaded in an afternoon, with a record of every series sent and every day queried.**

Weekly catch-up of final SRs only

CHALLENGE	A few SRs a week miss the real-time route, and preliminary SRs must not be re-sent.
WITH PATK	A Monday 02:00 schedule queries last full week, keeps only Completion Flag COMPLETE and Verification Flag VERIFIED, skips anything already moved and sends the rest automatically.
OUTCOME	**Gaps close every week without anyone remembering to look, and the run history shows what each week caught.**

Keeping two archives in step during a consolidation

CHALLENGE	After a merger, SRs land on two PACS nodes, and the report repository must hold all of them even when one node is down for maintenance.
WITH PATK	Both nodes are listed as sources in order; each run uses the first that answers and returns to the primary when it recovers, and the destinations use first-success-wins with failover.
OUTCOME	**Maintenance windows stop creating SR gaps, and the job log says whenever a backup source or destination was used.**

3T

Trust · Truth · Transform

Trust

Nothing moves without a review or an explicit automatic setting with a hold limit; series are never sent twice, schedule toggles and Run now need their own permissions, and route order changes are audited.

Truth

See exactly which series were found, which conditions removed which ones, the exact C-FIND that was sent, and the result of every day and every move.

Transform

Manual query-and-move sessions become a schedule that runs at night and e-mails you only when a run needs a look.

VALUE MODEL

What it can be worth

An example department that catches up missed SRs by hand each week and needs one six-month backfill.

PACS administrator time for a manual weekly SR catch-up	**3 hours (156 hours a year)**
SRs found missing by users and chased individually per year	**360**
Time to trace and resend one missing SR by hand	**10 minutes (60 hours a year)**
Blended staff cost per hour	**$50**
One-time backfill quoted as a separate services project, avoided	**$6,000**

$16,800

Estimated first-year value

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

DIFFERENTIATORS

Why it stands out

Honest about the PACS
It tells you which conditions the PACS filters and which it checks itself, so a PACS that ignores a query key never adds or hides series, unlike a plain query-and-move script.

Built for months, not minutes
Day-by-day indexing, time splitting, saved retries and restart resume make a six-month backfill finish, where an ad hoc C-FIND times out or hits a result cap.

Resilient by configuration
Backup sources, several destinations and failover are settings, not custom code in an interface engine.

Part of the same platform
Works hand in hand with the SR to HL7 listener, DICOM destinations and the route health monitor, with one login and one audit trail.

SPECIFICATIONS

At a glance

Standards	DICOM C-FIND (series and image level), C-MOVE (series level), C-ECHO
Windows	Fixed dates, dynamic dates (-7d, -1m), yesterday, last N days, last full week / month, since the last run
Conditions	Any DICOM tag, 15 operators, request or results matching, image-level SR checks
Scheduling	Every N hours, daily, weekly, monthly; Run now; hold limit; skip already moved
Resilience	Up to 5 backup sources, all or first-success destinations, auto failover, automatic retries
Notifications	Ready-for-review e-mail, failure alert e-mail (SMTP)

See SR Sync 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.

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