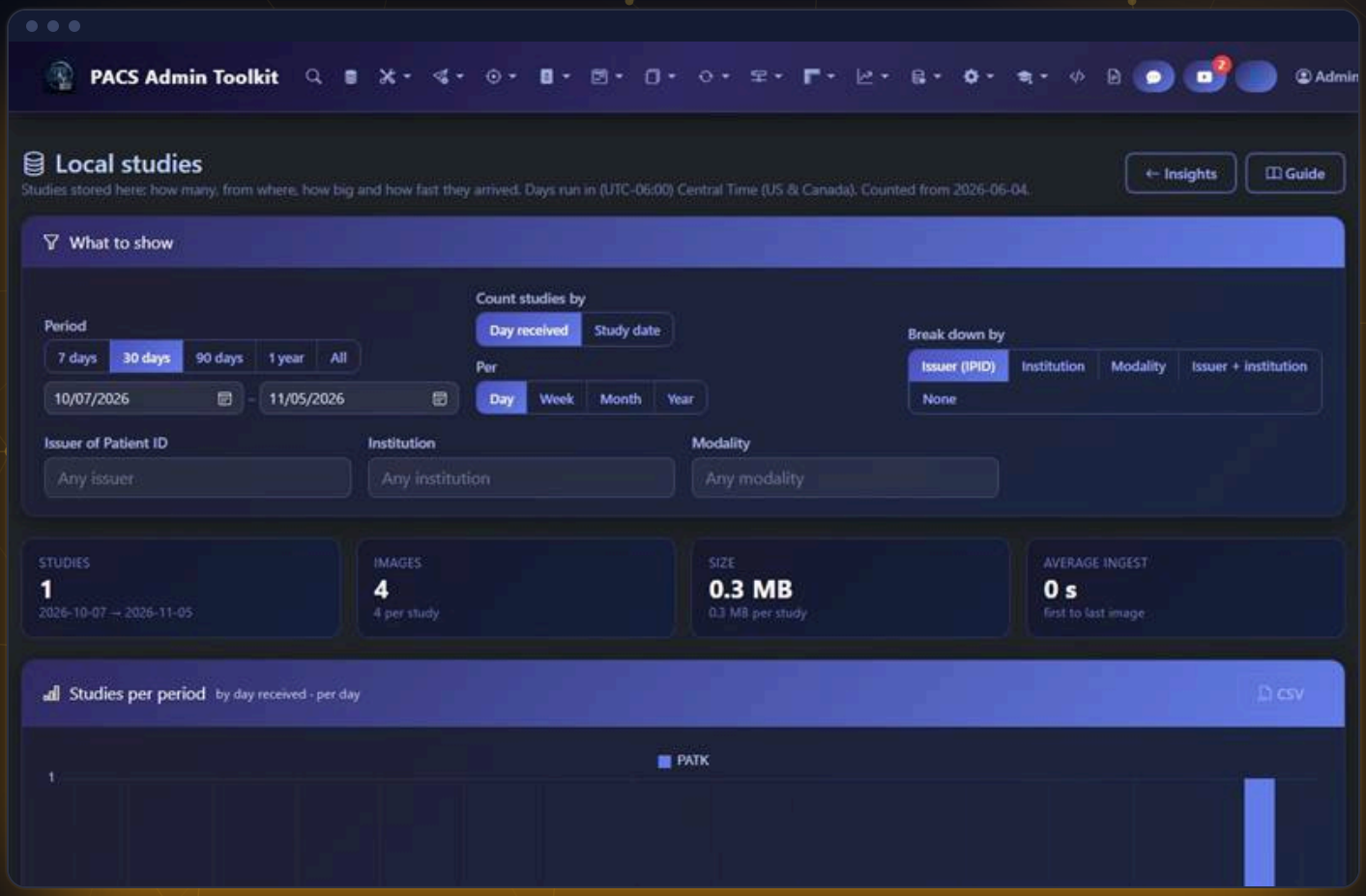
Insight & Governance

Leads with Truth

Insights

Volumes, sizes, speeds and success rates for everything PATK handles, by day, week, month or year.



Statistics and trends for studies received, retrieval, routing, worklist and reporting, broken down by issuer, institution, modality, destination and facility. Collected quietly in the background, kept after the source logs are pruned.

0
triggers on the tables the listeners write

5 minutes
between collector passes (default)

Kept
numbers survive log pruning and study purges

Replaces: **Spreadsheets and ad hoc database reports**

License module `INSIGHTS`

THE CHALLENGE

Why it matters

The imaging director asks a simple question: how many CT studies did the new hospital send last quarter, and how much storage will we need next year? The answer lives in a dozen logs that are pruned after 7 or 30 days, so someone exports what is left into a spreadsheet and spends an afternoon on it.

Dashboards show the last day well, but not the trend. Running heavy reports straight against the production database is something nobody wants to do while modalities are sending.

IN SHORT

Statistics and trends for studies received, retrieval, routing, worklist and reporting, broken down by issuer, institution, modality, destination and facility. Collected quietly in the background, kept after the source logs are pruned.

CAPABILITIES

What it does

- **Local studies, counted**
  How many studies arrived, from which issuer, institution and modality, how big they were, how long they took to arrive and the ingest speed in MB/s.
- **Any period, any breakdown**
  7, 30 or 90 days, a year, everything, or any two dates; per day, week, month or year; by issuer, institution, modality or issuer and institution together, with CSV export.
- **Top lists**
  The largest, slowest, fastest and longest-to-arrive studies, overall or within each issuer or institution, one click from the study itself.
- **Retrieval performance**
  Prefetch, HL7 Fetch and priors fetch: triggers, C-MOVEs, the share that worked, images moved and move times by source, destination and modality.
- **Routing and listeners**
  Images sent and failed per destination, the wait from queued to sent, C-MOVEs, images received and associations per listener, with the busy hours of the day.
- **Workflow tools**
  Worklist queries and orders, DICOM to HL7, Report to SR, HL7 sends, report sends, PDF exports and SR Sync, each with its own totals and tables.
- **History that stays**
  Daily totals are kept after the tools prune their logs, and after studies are recycled or purged; Build history counts what was stored before Insights was installed.
- **Never in the way of clinical data**
  Collectors read what is already stored, in small time-boxed passes, wait while the listener has a backlog, and run on one server at a time.

By facility
Every number belongs to the facility or site of the data it counts; with Access Topology enforced, people see only their own units' numbers.

WORKFLOW

How it works

1
Data flows as always
Listeners, queues, prefetch and worklist store their data normally.

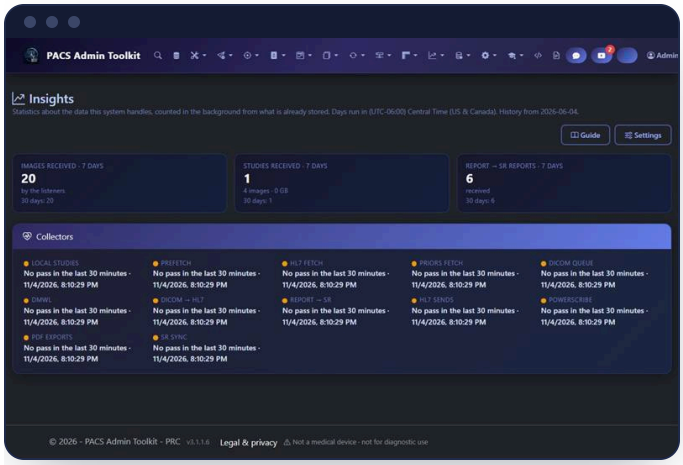
2
Collectors read
Every few minutes, a pass reads only what was added since the last one.

3
Daily totals
One row per day and per issuer, institution, modality, destination and so on.

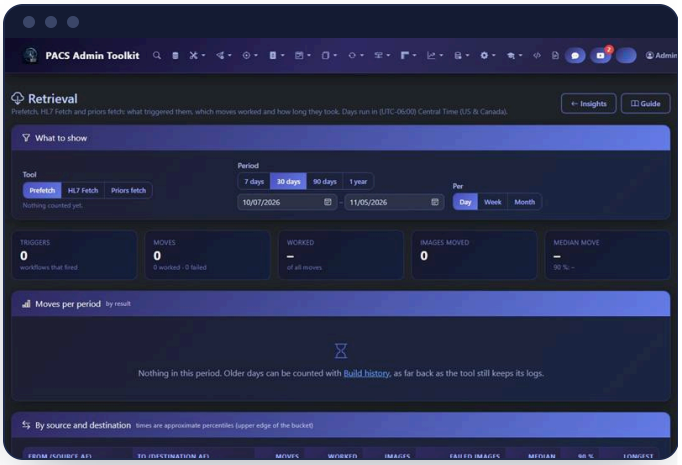
4
Pages and exports
Charts, tables, top lists and CSV for any period.

IN THE PRODUCT

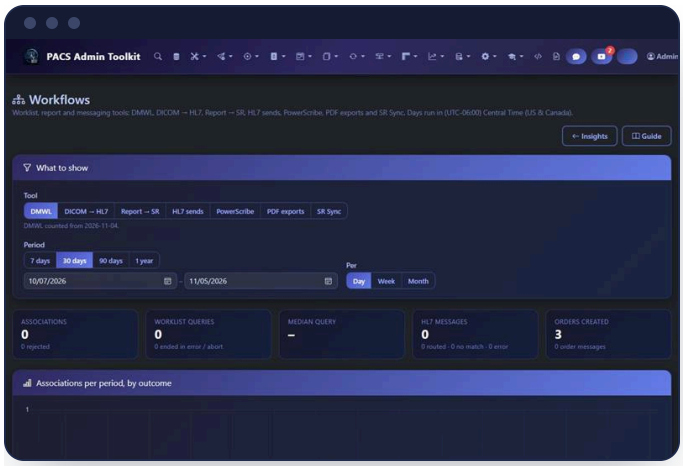
See it in action



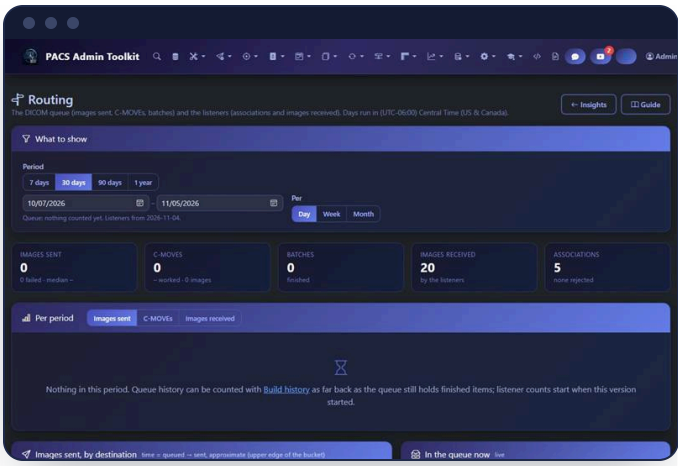
The Insights overview: last-7-day totals and the state of every collector



Retrieval: prefetch, HL7 fetch and priors moves by period, source and destination



Workflows: worklist, DICOM to HL7, Report to SR, PowerScribe, PDF and SR Sync activity



Routing: images sent, C-MOVEs and listener traffic per period

USE CASES

Where it pays off

Monthly volume report for the imaging director

CHALLENGE	Every month a PACS analyst builds study counts by hospital and modality from exports, and the numbers never quite match last month's.
WITH PATK	Local studies, by issuer and modality, per month, filtered to one facility, exported to CSV.
OUTCOME	**The report takes minutes, and the same question asked twice gives the same answer.**

Planning storage for next year

CHALLENGE	Storage is bought in a hurry when a store nears its limit, because nobody can show how fast each source is growing.
WITH PATK	Study counts and sizes per institution and modality over a year show where the growth comes from and how fast.
OUTCOME	**Storage is planned and budgeted from measured growth instead of bought in an emergency.**

Priors that arrive late at a reading group

CHALLENGE	Radiologists at a teleradiology group say comparison studies are often missing when they open a case.
WITH PATK	Retrieval shows the share of prefetch moves that worked, the median and slowest move times per source archive, and which workflows found no match.
OUTCOME	**The slow archive and the misconfigured workflow are found from evidence, and fixed where the problem is.**

3T

Trust · Truth · Transform

Trust

Collection is read-only on clinical data, adds no triggers, pauses while the listener catches up, and respects facility boundaries.

Truth

Measured volumes, sizes, speeds and success rates, kept for years instead of the 7 or 30 days the logs hold.

Transform

Monthly reports, capacity plans and vendor conversations start from a page and a CSV instead of an afternoon of exports.

VALUE MODEL

What it can be worth

An example department that builds its volume and performance reports by hand today.

Recurring reports built by hand each month	6
Hours per report today, share saved with Insights	4 hours, 90% (about 260 hours a year)
Ad hoc volume, storage and performance questions per month	10 x 1 hour (120 hours a year)
Blended analyst and PACS administrator cost per hour	$60
Premium avoided on one rushed storage purchase per year	$5,000

$27,800

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

- **Built from the source**
  Numbers come from the same records the tools keep, not a separate export or reporting database to maintain.
- **Safe to run in production**
  Designed to stay out of the way of listeners, unlike reports run directly against the live database.
- **History already there**
  Collection runs on every installation, so when Insights is licensed the history is already built.
- **Covers the whole platform**
  Studies, retrieval, routing, worklist and reporting in one place, where separate tools each keep their own short logs.

SPECIFICATIONS

At a glance

Pages	Overview, Local studies, Retrieval, Routing, Workflows, Settings
Breakdowns	Issuer, institution, modality, calling AE, listener, destination, workflow, template, facility / site
Periods	Day, week, month, year; preset ranges or any two dates; server or chosen time zone
Exports	CSV of every chart's numbers; top lists linked to the study
Collection	Background passes every 5 minutes (default), time-boxed, backlog-aware, one server at a time
History	Build history from stored data, resumable; daily totals kept after logs and studies are pruned

See Insights 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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