

Large DICOM studies delivered to PACS in seconds

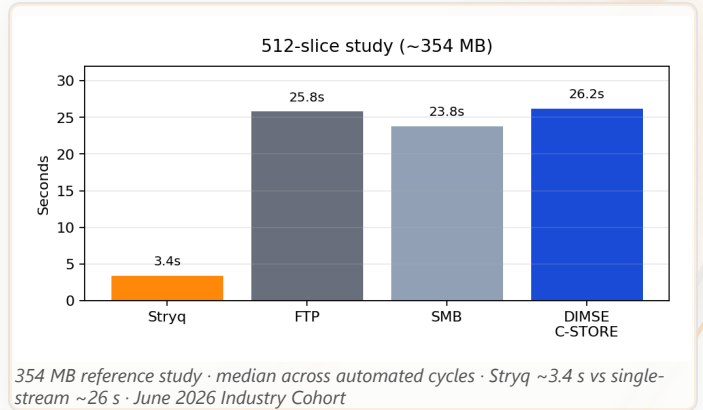
Imaging teams move gigabytes of DICOM data every day — between scanners, diagnostic reading stations, PACS systems, VNA export paths, teleradiology groups, and partner sites, whether those endpoints are in the same facility or at geographically separate locations. Stryq sends those files directly between authorized endpoints over encrypted sessions, then hands them off as **Part 10 files in a defined folder** or, with DICOM Gateway (2.5.0+), as **standard DIMSE C-STORE** to a configured AE Title and port (e.g. port 104 - TCP).

<p>~5x</p> <p>Median vs FTP, SMB, and reference DIMSE on large .dcm studies (June 2026 Industry Cohort)</p>	<p>Bridge</p> <p>Optional folder watch — send when export completes (Windows Services)</p>	<p>File or Port</p> <p>Folder import · optional C-STORE to AE Title / host / port</p>	<p>Direct</p> <p>Peer-to-peer — imaging data stays between endpoints you authorize</p>
--	---	--	---

Less time on the wire. In automated Industry Cohort runs on large .dcm studies (June 2026), a 354 MB reference study typically delivered in **~3.4 seconds** on Stryq — **~26 seconds** on familiar single-stream handoffs. Roughly **7x faster** than the status quo on that study class — less delay between export complete and PACS-ready at the receiving site.

WHAT IMAGING TEAMS CARE ABOUT

<p>Ready when the series is complete</p> <p>Send multi-slice volumes and structured exports as soon as they are available — not in overnight batch jobs.</p>	<p>Two delivery modes</p> <p>Folder drop for PACS import workflows, or C-STORE to your archive node on port 104 after receive.</p>
<p>Teleradiology & multi-site</p> <p>Clinic to reading group, hospital to hospital — encrypted direct transfer with SHA-256 integrity on every file.</p>	<p>Security & compliance</p> <p>TLS 1.3 in transit, certificate pinning, audit logging — designed for HIPAA-aligned imaging workflows (your policies apply).</p>



Scenario	Common setting	Stryq role
Teleradiology / remote read	Site → off-site reading group	Direct encrypted delivery; optional C-STORE at receiver PACS
PACS / VNA ingest	Local or remote archive	Known folder path or C-STORE into your AE Title
Multi-facility imaging	Studies between locations	Pair once; direct encrypted transfer between authorized endpoints
Industrial NDE	Inspection lab or OEM partner	Large DICOM (DICONDE) files — strongest gains in our benchmark

WORKFLOW IN THREE STEPS

<p>1 · Series available</p> <p>DICOM export from a scanner, diagnostic reading station, or PACS/VNA node — Part 10 .dcm ready to send.</p>	<p>2 · Direct transfer</p> <p>Encrypted delivery between paired Windows endpoints — measurably faster than single-connection FTP on large studies in our tests.</p>	<p>3 · PACS handoff</p> <p>Files land in your save folder and/or C-STORE to configured AE Title — ready for import into the receiving PACS.</p>
---	--	--

Benchmark scope. Headline numbers use four large public-sample breast-tomosynthesis .dcm files (~301–540 MB), same SOP class — size spread, not multi-modality. Reference DIMSE C-STORE matched FTP on that path; DICOMweb not tested. Stryq does not replace intra-hospital DICOM routing.