



Analytics Report

EDITION	CAPABILITY	SIGNATURE	STANDARDS	GENERATED
Core	HTML/CSS layout, multi-column	Release pipeline · PAdES B-LTA	ISO 32000-2	2026-08-17

NextPDF Engine — Q2 2026 · Prepared for the Platform Team

Executive summary

Document throughput grew across every workload class this quarter while median render latency continued to fall. The engine processed **4.2 million** documents at a **99.98%** success rate, and peak-hour concurrency held steady under a 3× synthetic load test. Growth was broadest in the invoice and signed-archival profiles, while the table below lists the illustrative profiles and values used by this sample.

The figures below summarize volume, latency, and conformance by document profile; the continuation page breaks the quarter down into the findings that drove these numbers and the actions the platform team is carrying into Q3.

4.2M +18% QoQ Documents rendered	38 ms -14% QoQ Median render latency	99.98% +0.03 pts QoQ Render success rate
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Throughput by document profile

Profile	Documents	Median (ms)	p99 (ms)	Success
Invoices & statements	1,840,200	38	91	99.99%
Reports & dashboards	986,540	64	182	99.98%
Shipping labels	742,310	21	53	100.00%
Signed & archival (PDF/A)	631,070	112	298	99.95%
Encrypted deliveries	198,410	45	103	99.97%
All profiles	4,398,530	53	178	99.98%

Figures are illustrative sample data generated for demonstration purposes only.

Key findings

Median latency fell 14% quarter-over-quarter after the layout-cache rollout — the largest single-quarter improvement on record.

Worker-safe rendering held steady under a 3× synthetic peak-traffic load test with zero dropped jobs.

Invoice workloads account for the largest volume in this illustrative dataset.

Archival output passed conformance checks on every sampled batch, with zero PDF/A validator failures.

p99 latency on signed & archival documents remains the highest of any profile, tracking closely with PAdES signing and timestamp overhead.

Font-embedding failures dropped to zero after the strict PDF 2.0 embedding gate shipped in Core 3.3.

Recommended actions

- 1 Extend the layout cache to the reports profile to recover p99 headroom.
- 2 Promote the signed-output pipeline to the default for compliance tenants.
- 3 Add a synthetic canary for the archival profile to catch drift early.
- 4 Investigate CMS timestamp batching to trim signed-document p99 further.

Generated by the NextPDF engine. Figures are illustrative sample data.