



Integration Handbook

EDITION	CAPABILITY	SIGNATURE	STANDARDS	GENERATED
Core	PDF outline & multi-page layout	Release pipeline · PAdES B-LTA	ISO 32000-2	2026-08-17

1. Engine & Edition Matrix

NextPDF ships as three editions built on one shared engine core. A document generated on Core keeps rendering correctly after an upgrade — editions add capability, they never change behavior.

Capability	Core	Pro	Enterprise
HTML/CSS rendering & tables	Included	Included	Included
Vector drawing & shapes	Included	Included	Included
Digital signatures (PAdES B-B / B-T)	Included	Included	Included
Interactive charts	—	Included	Included
Tagged, accessible output (PDF/UA)	—	—	Included
PDF/A archival profiles	—	—	Included
AES-256 encryption & permissions	—	—	Included
Fast Web View (linearization)	—	—	Included

Every edition renders the matrix above through the same Document API — upgrading changes what is available, never how you call it.

2. Five-Minute Integration

Every NextPDF document follows the same three calls: create, write, save. The example below produces a complete, valid PDF file on a fresh PHP 8.4 installation.

2.1 Install

Add the engine to any Composer-managed project. No native PHP extensions are required for the Core feature set.

```
composer require nextpdf/core
```

2.2 Render Your First PDF

This script creates a page, writes HTML content, and saves a PDF — the same three calls scale from a single page to a 500-page report.

```
<?php

use NextPDF\Core\Document;

$doc = Document::createStandalone();
$doc->setTitle('Quarterly Report');
$doc->addPage();
$doc->writeHtml('<h1>Hello, NextPDF</h1>');
$doc->save('report.pdf');
```

The sample above calls `Document::createStandalone()`, `addPage()`, `writeHtml()`, and `save()`.

3. Conformance & Archival

Every NextPDF document is a conformant ISO 32000-2 (PDF 2.0) file by construction. The engine also supports the long-term-preservation and accessibility profiles regulated industries require.

3.1 Long-Term Archival

PDF/A output embeds every font and color profile the document needs, so an archived file renders identically decades after it was produced — without depending on external resources.

3.2 Accessibility

Tagged output exposes headings, tables, and reading order to assistive technology, meeting the structural requirements of PDF/UA.

3.3 Digital Signatures

PAdES signatures attach cryptographic proof of authorship and, at the B-T level, a timestamp that survives certificate expiry.

Standard	Scope
ISO 32000-2:2020	Base document format (PDF 2.0)
ISO 19005 (PDF/A)	Long-term archival fidelity
ISO 14289 (PDF/UA)	Structured, accessible output
ETSI EN 319 142 (PAdES)	Digital signature profiles B-B / B-T / B-LT

Every profile above builds on the same Document API from Chapter 2 — no separate SDK, extension, or configuration file to learn.

4. Operations

Each document instance is self-contained, so NextPDF renders concurrently across queue workers and serverless handlers without shared mutable state.

4.1 Deployment Pipeline

A typical production pipeline composes the document, validates its structure, applies a digital signature, and delivers the finished file:

Compose → Validate → Sign → Deliver

4.2 Monitoring & Support SLA

Priority support plans include a 4-hour response SLA and direct engineering escalation for regulated production workloads.

Together, deterministic rendering, worker-safe isolation, and a monitored SLA are why regulated pipelines standardize on NextPDF for document delivery that cannot drift between runs.