

UN Transparency Protocol (UNTP) DPP Readiness Checklist

Standing up verifiable, cross-border product passports on the UN interoperability stack.

WHO MUST COMPLY

Exporters, manufacturers and traceability teams that need a cross-border, standards-based Digital Product Passport — including firms preparing for the EU DPP who want an interoperable foundation.

THE DEADLINE

The UN Transparency Protocol (UN/CEFACT, UNECE) is a public-good interoperability framework. Public review has closed and **v1.0 is expected 1 Sep 2026**; the specification is already **suitable for pre-production pilots**, with implementation running 2026–2027. Building a pilot now is the right move.

1 • Understand the stack

- ☐ Map which UNTP credentials you need: Digital Product Passport (DPP), Digital Conformity Credential (DCC), Digital Traceability Events (DTE), Digital Facility Record (DFR).
- ☐ Decide your identifiers (GS1 / GTIN plus a decentralized identifier) and your identity resolver.

2 • Identity & trust

- ☐ Establish a decentralized identifier (e.g. did:web) for your organisation.
- ☐ Set up an issuer signing key for verifiable credentials and protect it (HSM / secrets manager).
- ☐ Publish to a verifiable trust registry / identity resolver so relying parties can find and trust you.

3 • Data & credentials

- ☐ Model your product passport to the UNTP DPP schema.
- ☐ Issue your certifications and test results as Digital Conformity Credentials (DCC).

- ☐ Emit traceability events (DTE) at key custody points, aligned with EPCIS.

4 • Run a pilot

- ☐ Stand up a pre-production pilot against the current specification.
- ☐ Test the full loop: a relying party scans, resolves the identifier, and cryptographically verifies the credential.

5 • Interoperate with the EU DPP

- ☐ Align your UNTP DPP attributes to your EPR delegated-act requirements.
- ☐ Plan EU Central DPP Registry registration alongside your UNTP publication so one dataset serves both.

WHERE AEROZ FITS

Aeroz already issues Ed25519-signed verifiable credentials bound to a did:web identity and exposes a UNTP passport-issuance endpoint — plus the physical anchor that ties the credential to the actual object. That makes Aeroz a ready-made issuing and physical-binding layer for a UNTP pilot rather than a from-scratch build.

Book a fixed-fee, 14-day Aeroz compliance audit — a written gap analysis, no commitment to proceed. aeroz.io/contact

Sources: UN/CEFACT UN Transparency Protocol specification (UNECE), 2026; W3C Verifiable Credentials; W3C Decentralized Identifiers.

This checklist is general information for planning, current as of September 2026, and is not legal or regulatory advice. Requirements change and vary by product, role and jurisdiction — confirm specifics against the current regulation and qualified counsel. © 2026 Aeroz · Lumi Enterprises Corporation.