AEROZ

UN · UNTP · READINESS CHECKLIST

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 the next release**; 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 ESPR 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 Readiness 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.

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