



# Chris Papp

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IDTTP 2026

## 2nd Symposium on International Digital Trade: Technology and Policy Developments

4 June 2026 · Teesside University London / Here East  
Track A — Applied Research & Case Studies

"The next question is not whether trade can be digital. It is whether digital trade can be trusted across parties, systems, and jurisdictions."

### ABOUT TPTN

**TransPacific Trade Nexus (TPTN)** is a Canada-first, sovereign, AI-native digital trade infrastructure initiative. It addresses the gap between Canada's existing free trade agreement commitments and the operational capacity of Canadian SMEs to use them — beginning with Canada–ASEAN corridors. It is designed for interoperability with national Single Windows, MLETR-aligned systems, and the WCO Data Model. **Demonstration prototype stage; MVP build and pilot structuring in preparation.**

### PAPERS PRESENTED — 4 JUNE 2026

#### PAPER 1 · ELECTRONIC TRANSFERABLE RECORDS

##### Validation-Backed Interoperability for MLETR-Aligned Electronic Transferable Records: A Canadian Design Case

"Legal recognition is the floor. Operational assurance is the bridge. Validation-backed interoperability is how that bridge gets built."

#### THESIS

Legal recognition of ETRs creates legal possibility — not operational trust. Counterparties need structured evidence that ETR control, integrity, transferability, and auditability are verifiable before accepting operational risk in real transactions.

#### CONTRIBUTION

Standards-aligned ETR design reviewed against MLETR control concepts (DGC-VV-2025-07 — interim acknowledgement of a completed self-assessment, not certification). UN/CEFACT Buy-SHIP-PAY and WCO Data Model alignment to support future Single Window interoperability. Pre-deployment validation methodology — design-level evidence, not claimed outcomes.

### STANDARDS, VALIDATION & ENGAGEMENT

#### • DGC-VV-2025-07

Interim acknowledgement of a completed MLETR self-assessment (ICC DSI / Digital Governance Council). Third-party design review against MLETR control concepts. **Not certification; full conformance testing pending.**

#### • ISC Testing Stream TS12

Robotic Process Automation & Automated Decision-Making. Score 92/96; evaluation indicated TRL 7 testing-readiness (prototype at TRL 6). **Path to funded prototype testing in a government setting; no funded agreement executed.**

#### • ISO/TC 309 — Canadian Mirror Committee (SCC)

Governance of Organizations (April 2026). **Governance and auditability standing — not an AI standards body.**

#### • UNCITRAL Colloquium 2026

Invited practitioner contributor — "Digital Platforms Governing Global Trade," New York, February 2026 (contributed remotely).

### NEXT STEPS

MVP build and pilot structuring in preparation. Exploratory discussions with government and institutional participants are welcome where there is alignment around evidence-first pilot design. Reference documentation available to qualified reviewers on request: TPTN Blueprint · Handbook · canola corridor use case · scenario-based financial model (illustrative) · independent benchmarking analysis.

### STATUS & CLAIMS

TPTN is at demonstration prototype stage. No production deployment is implied. References to validation, standards participation, and government engagement describe, respectively, design-stage review, committee participation and written submissions, and exploratory discussions — not certification, endorsement, signed agreements, or procurement commitments. DGC-VV-2025-07 is an interim acknowledgement of a completed MLETR self-assessment, not a conformance certification.

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#### PAPER 2 · AI-ASSISTED COMPLIANCE

##### AI-Assisted, Human-Governed Trade Compliance for SMEs: Architecture and Auditability Without Over-Automation

"Human primacy has to be enforced by architecture, not policy alone."

#### THESIS

AI can reduce export compliance friction for SMEs — but only if recommendations are explainable, risk-stratified, auditable, and subject to mandatory human review at defined thresholds. AI does not make consequential compliance determinations.

#### CONTRIBUTION

Three-layer compliance architecture — regulatory intelligence, structured AI guidance, and human-governed control. Risk stratification separating high-stakes determinations from routine assistance. Four pre-deployment evaluation metrics. OECD AI Principles alignment. Pre-pilot design case — evaluation design is the contribution.

#### • UN/CEFACT eCMR Working Group

Confirmed Participating Expert, by formal invitation (UN/CEFACT). Biweekly working sessions, April–October 2026.

#### • DGSi Technical Committees

Member — TC1 Data Governance, TC2 Artificial Intelligence, TC4 Digital Trust & Identity, TC6 Connected Cities. **Committee participation; not a claim of standard conformance.**

#### • FTA Consultation Submissions

Written submissions to Global Affairs Canada — Canada–Thailand, Canada–India, Canada–UAE, and Canada–Mercosur.

#### • Independent advisory support

Business-case refinement and adoption-pathway analysis supported by independent advisory and benchmarking work. **Analytical support only; not a government endorsement or procurement commitment.**



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