



SECTION 6 INTEROPERABLE DIGITALISATION FRAMEWORKS

To enable interoperability with the various business partners and intermediaries that they need to interact with daily, supply chain actors can leverage digitalisation frameworks that support the exchange of electronic trade documents. The table below details available frameworks that were built with interoperability in mind.

Table 6.1 Interoperable Digitalisation Frameworks

FRAMEWORK	WHAT IT IS	WHAT IT DOES	HOW TO USE
Digital Negotiable Instruments (DNI) Initiative	A technological framework to leverage distributed ledger technology (DLT) in a manner that remains predominantly interoperable with existing practices, systems and channels.	The electronic payment undertaking (ePU) dDOC specifications outline how to leverage technology to produce, manage and share digital documents.	ITFA-DNI Manual
Distributed Ledger Payment Commitment (DLPC)	A digital asset and global standard for a payment commitment that can be used on any blockchain network and can operate across networks.	The Technical Best Practices set forth specifications for the standardised conversion of the promise to pay embedded in a negotiable instrument used for trade finance, into a digital asset. The Business Best Practices provide parties using a DLPC with a set of rules governing their activity.	Business Best Practices Technical Best Practices
OpenAttestation	An open-sourced framework to endorse and verify documents using blockchain.	Provides a Document Endorsement and Verification Framework to ensure verifiable document and transferable records issued are cryptographically trustworthy and can be verified independently.	Getting Started Open Attestation Developer Hub
Peppol	Peppol is a set of artifacts and specifications enabling cross-border eProcurement. The use of Peppol is governed by a multilateral agreement structure which is owned and maintained by OpenPeppol.	Enables trade partners to exchange standards-based electronic documents over the Peppol network (based on a 4-corner model). These documents include e-Orders, e-Advance Shipping Notes, eInvoices, eCatalogues, Message Level Responses, etc.	Introduction about adoption in some key countries
TradeTrust	A set of globally accepted standards and frameworks that support the trusted interoperability of electronic trade documents in terms of authenticity, provenance and legally valid title transfer.	Removes the need for expensive data exchange infrastructure to be built between different digital ecosystems, enables the creation of verifiable documents, transferable documents, and performance of a title transfer.	TradeTrust Developer Hub