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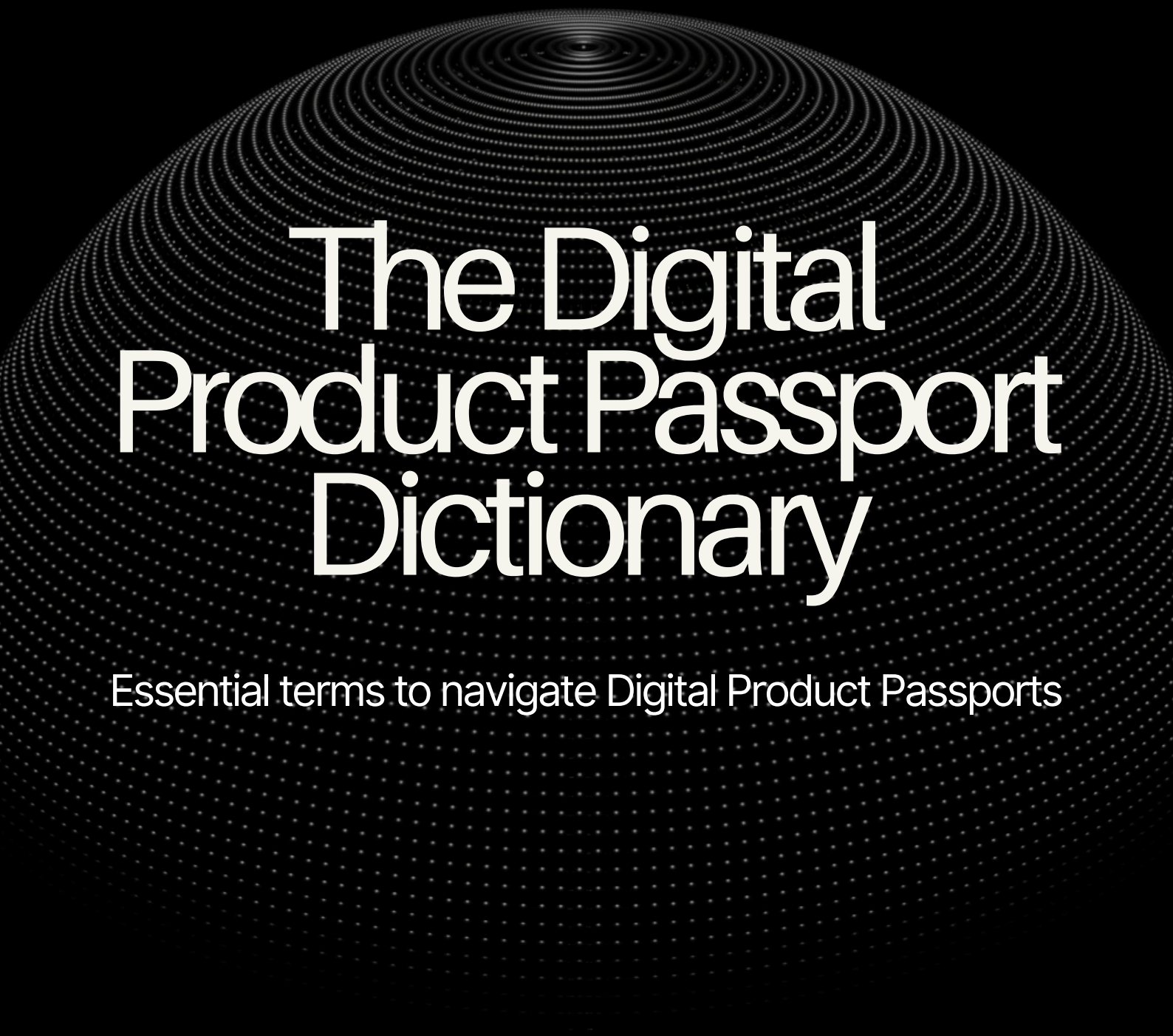


The Digital Product Passport Dictionary

Essential terms to navigate Digital Product Passports

OCTOBER 2026

INTRODUCTION

Digital Product Passports bring together regulatory requirements, product identification, data management and technical infrastructure.

Understanding the terminology is essential to interpreting these requirements and translating them into practical implementation decisions.

This dictionary brings together key concepts from the European Digital Product Passport framework, with concise definitions designed for easy reference.

Disclaimer:
This publication is intended for general informational purposes only and does not constitute legal advice. Regulatory requirements may vary depending on the product category and applicable legislation and may evolve over time.

A

Authorised Representative

Legal role

An **individual or organisation** established in the EU that has received a written mandate to perform specified regulatory tasks on behalf of a manufacturer.
The mandate determines the scope of its responsibilities.

D

Data Carrier

Product identity

A **machine-readable element,** such as a QR code or NFC, that connects a physical product to its Digital Product Passport. Its format, placement and technical characteristics depend on applicable requirements.

Data Portability

DPP system

The **ability** to retrieve and transfer Digital Product Passport information between providers or systems in a usable format, supporting continuity and reducing dependency on individual technology providers.

Decentralised Architecture

DPP infrastructure

A **system** in which complete Digital Product Passport datasets remain with economic operators or their service providers, rather than being stored in a single central European database.

Delegated Act

Regulation

A **legal act** adopted by the European Commission to supplement or amend certain non-essential elements of legislation. Under the ESPR, delegated acts may establish requirements for specific product groups or address other aspects of the regulatory framework, such as DPP service providers and unique identifiers.

Digital Product Passport (DPP)

Core concept

A **set of digital data** about a product, accessible through a data carrier linked to a unique product identifier. The information included and who can access it are determined by the applicable regulatory requirements.

Distributor

Legal role

An **economic operator** that makes a product available on the market after it has been placed there by another operator. Its obligations depend on the applicable legislation.

DPP Backup Copy

DPP infrastructure

A **copy** of Digital Product Passport information intended to preserve access and availability if the original system or responsible economic operator can no longer maintain it.

D - E

DPP Service Provider

DPP infrastructure

An **organisation** providing services such as Digital Product Passport creation, data processing, storage, publication, backup and connection to European DPP infrastructure.

DPP Web Portal

DPP infrastructure

The **European interface** intended to allow eligible users to search for Digital Product Passports and access information made discoverable through the DPP infrastructure.

Ecodesign for Sustainable Products Regulation (ESPR)

Regulation

The **EU regulation** establishing a framework for ecodesign requirements and Digital Product Passports. Product-specific obligations are further defined through applicable legislation.

Economic Operator

Legal role

An **individual or organisation** with responsibilities under EU product legislation, such as a manufacturer, importer, authorised representative or distributor.

E

ESPR Working Plan

Regulation

A European Commission **planning document** identifying priority product groups and horizontal measures for future ecodesign requirements. Inclusion does not itself make a DPP mandatory.

EU DPP Registry

DPP Infrastructure

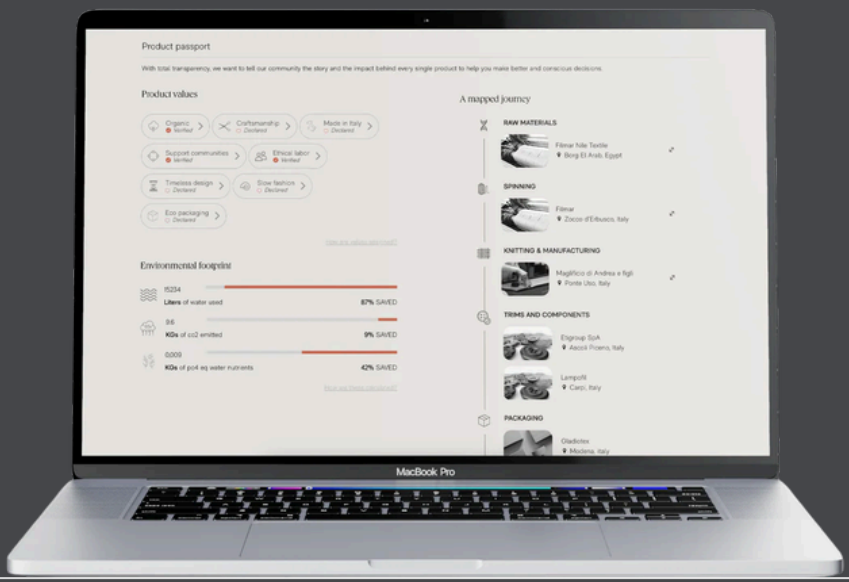
The **European system** designed to record key identifiers and registration information associated with Digital Product Passports, supporting regulatory controls, passport discovery and customs verification. It does not store complete passport datasets.

Harmonised Standard

Regulation

A **European standard** developed following a European Commission standardisation request. When referenced in the Official Journal of the EU, it may provide a presumption of conformity with the legal requirements it covers.

H



Implementing Act

Regulation

A **legal act** establishing uniform procedures for applying specific provisions of EU legislation, including operational processes for registration, validation or information exchange.

Machine-Readable Data

DPP system

Information structured so that software can automatically identify, process, exchange or validate individual data elements without manual extraction.

Importer

Legal role

An **EU-established economic operator** that places a product originating from a non-EU country on the European market.

Making Available on the Market

Market responsibility

Supplying a product for distribution, consumption or use on the EU market in the course of a commercial activity, including subsequent distribution and retail stages.

I M

M-O

Manufacturer

Legal role

An **individual or organisation** that manufactures a product, or has it designed or manufactured, and markets it under its own name or trademark.

Model, Batch and Item Level

Product identity

The **three principal levels of DPP granularity**:

- Model: one passport for products sharing defined model characteristics.
- Batch: one passport for products belonging to a particular production batch.
- Item: an individual passport and identifier for each physical product.

The required level depends on applicable legislation.

Open Standards

DPP system

Publicly available **technical specifications** supporting compatibility between systems, including product identifiers, data carriers and information exchange.

P

Placing on the Market

Market responsibility

Making a product available on the EU market for the first time. This distinction can determine which regulatory requirements apply to a product.

Presumption of Conformity

Regulation

A **legal principle** under which compliance with a referenced harmonised standard provides a presumption that the corresponding legal requirements covered by that standard have been met.

S

Semantic Interoperability

DPP system

The **ability** of different systems to interpret exchanged information consistently, preserving the meaning of data across organisations and technologies.

T

Technical Interoperability

DPP system

The ability of systems to connect and exchange information using compatible technical formats, interfaces and protocols.

U

Unique Facility Identifier

Product identity

An **identifier** distinguishing a facility or location associated with a product's value chain. Its inclusion in a DPP depends on applicable product requirements.

Unique Operator Identifier

Product identity

An **identifier** distinguishing an economic operator involved in activities associated with a product or its Digital Product Passport.

Unique Product Identifier

Product identity

A **unique code** used to identify a product and link it to its Digital Product Passport. Depending on the applicable requirements, it may identify a product model, a batch or an individual item.

Unique Registration Identifier

DPP infrastructure

An **identifier** generated following registration of the required information in the EU DPP Registry. It identifies the registration record but does not independently establish product compliance.

V

Vendor Lock-in

DPP system

A **situation** in which a company becomes dependent on a particular provider because transferring its data or continuing its Digital Product Passports through another system is impractical.

BEYOND THE DEFINITIONS

Understanding Digital Product Passport terminology is a starting point. Putting these concepts into practice requires connecting regulatory requirements with product data, internal systems and supply chains.

Renoon works across these dimensions, combining regulatory expertise, technology and operational support to help companies structure product information, connect supply chain data and manage Digital Product Passports over time.

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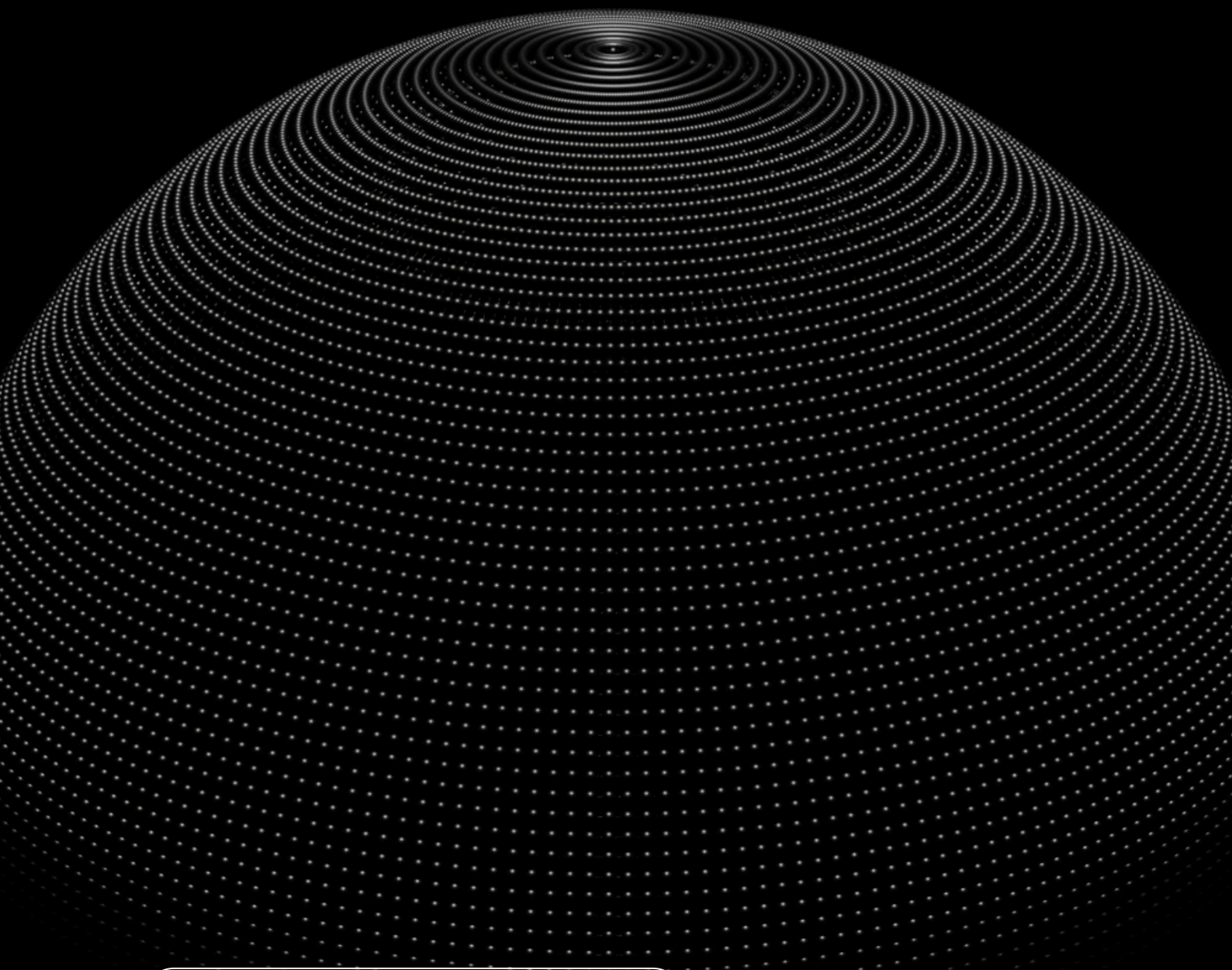

TALK TO THE TEAM

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