



DPP-as-a-Service

Ecosystem, status and outlook

Dr. ir. Van Minh Le | Business Development Trusted Services - Worldline

van-minh.le@worldline.com

March 5th 2024 Brussels

Worldline - Leadership and scale

Our truly global capabilities

c. €4.4 BN
2022 revenue

#4
largest
payment player
worldwide

#1
European
payment
processor

c. 27.7 BN
acceptance and
acquiring transactions
per year

c. 21.3 BN
account payments
transactions per year

c. 18,000
Worldliners
in **40+**
countries

#3
European provider
of e- & m- payment
solutions

#1
merchant acquirer
in continental
Europe

Commercial
presence in
170+
countries

1.25 M
merchants
served

c. €250 M
spent
in R&D

Traceability & Trusted Digitisation

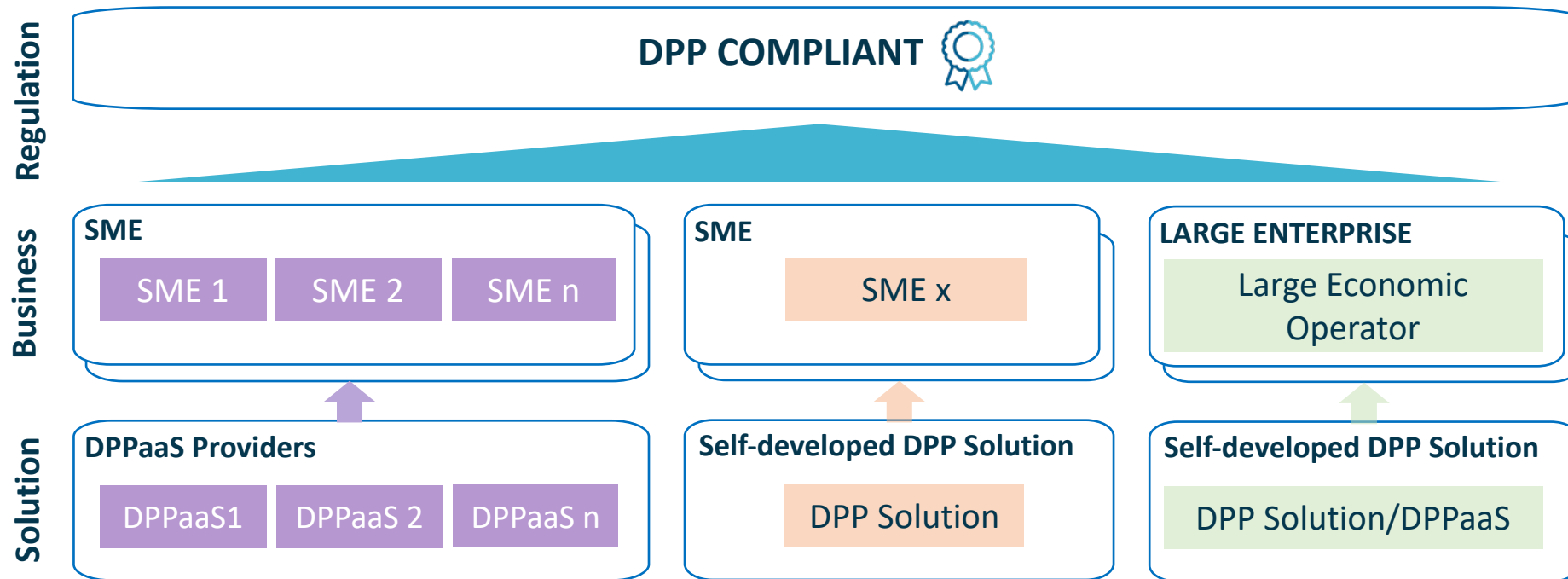
25 Billion
Products
tracked/year

100 Billion
Products related
records/year

30 TBytes
High availability,
queryable
data/year

A simplified DPP ecosystem

SMEs need flexible and low-cost DPP solution and services

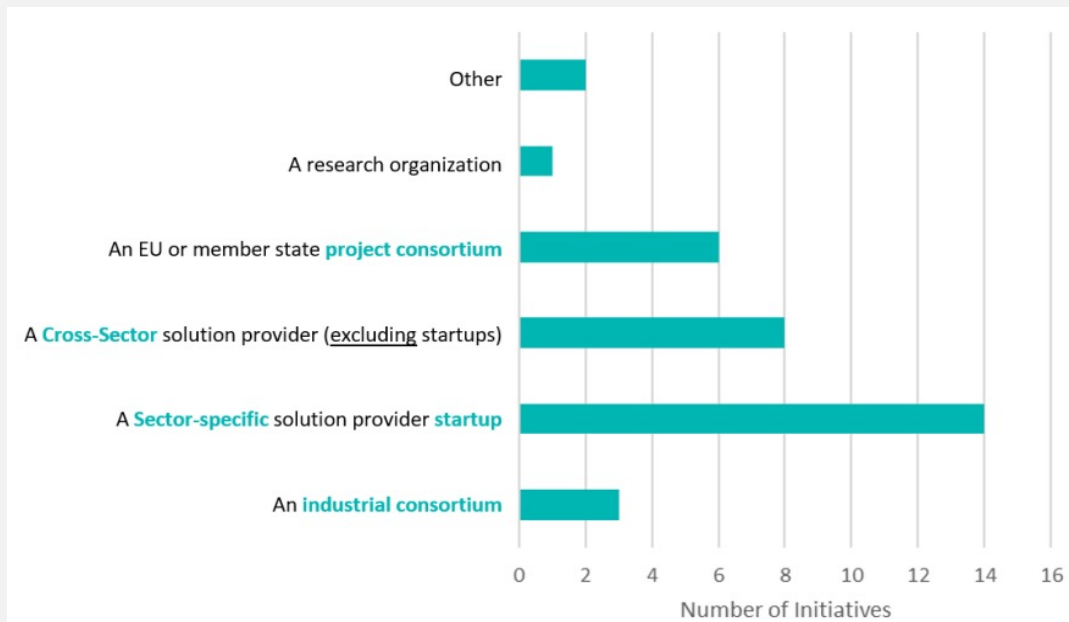


DPP-as-a-Service providers are third party actors who may assist SMEs in any steps related to the collection, assembly and formatting of DPP information, the issuing of the DPP itself and/or hosting of the DPP data.

Current DPP-as-a-Service market status

- 83 DPP-related initiatives have been benchmarked by CIRPASS
- There exists an emerging market for DPP-as-a-Service, broadening the choices for SMEs
- Expected competition between DPP-as-a-Service providers will be beneficial for SMEs

Stakeholders leading the development of DPP initiatives



List focused initiatives analyzed by CIRPASS

ID	Initiative short name	ID	Initiative short name
1	atma.io	17	itmatters
2	BP	18	Peppol
3	Wordline B-TraaS	19	QI-Digital
4	CircThread	20	RCS BP
5	circular.fashion	21	RR
6	CYCLANCE	22	Worldline TCS
7	DDCC	23	TextileGenesis
8	DIBICHAIN	24	Tings
9	DigiPrime	25	Tokenized Distributed Ledger
10	DNV	26	Toxnot
11	EasyBat	27	Worldline TPD
12	EON	28	TRACE
13	EPEAT Ecolabrl	29	TRICK
14	eReuseDPP RR	30	TrusTrace
15	FEDeRATED	31	Vine
16	GTS	32	ZVEI DPP4.0

illustration

https://cirpassproject.eu/wp-content/uploads/2023/03/CIRPASS_Benchmark-of-existing-DPP-oriented-reference-architectures.pdf

Our attempts to estimate DPP costs for SMEs

Combining insights gained from interviews with industrial expertise from CIRPASS partners has led to a high-level overview of qualitative cost elements for both SMEs and DPP service providers.

COST ELEMENTS	SME	SME	DPP Service Provider
	Do-it-yourself	Delegated solution	Delegated solution
Labeling	optional	optional	
	optional	optional	
DPP-a-a-Service		x	
Development	x		x
	optional		x
	x		x
	x		x
	optional	optional	
Operation	x		x
	x		x
	x		x
	x		x
	x	x	x
	x	x	x
Data Integration			
	x	x	
Certification			
	x	x	
			x
Project management			
	x	x	x
	x	x	

The benefits of DPP implementation for SMEs

- DPP implementation encourages and facilitates SMEs to reexamine their data collection practices and relationships with suppliers
- Providing end consumers with sustainable product data helps SMEs to differentiate from competitors, this may help foster brand loyalty
- Connecting with other businesses in their networks through the process of up-skilling on DPP and DPP implementation may enable collective purchasing of solutions
- Potential new business models are now imaginable for SMEs for example repairs and upgrades, collecting used products, refurbishing, remanufacturing, second-hand market platforms
- Considering the expected scaling effects of DPP-as-a-Service offerings, RFID devices and infrastructure, the savings in overhead costs will bring significant financial gains that will balance DPP related costs.

Download now

CIRPASS Report

A study on DPP costs and benefits for SMEs

February 2024

Download & consultation:

<https://cirpassproject.eu/project-results/>



CONTACT

CIRPASS SME sub-track

Kamila Kocia, Avery Dennison

E-mail: kamila.kocia@eu.averydennison.com

Minh Le, Worldline

E-mail: van-minh.le@worldline.com