

Harmonizer Hub

Indispensable for the enhancement of customer data in the AISP and PISP offering

Collecting and intelligently managing data based on your customers' relationships with other banks and offering them reliable insights is a key differentiating factor when competing in the extended TPP market under PSD2.

Harmonizer Hub was created out of a need to harmonize and standardize account movements to allow banks or TPPs (Third Party Providers) to build and provide new services to their customers based on an aggregated, holistic view of their accounts.

Harmonizer Hub forms the basis of Account Aggregation services:

- assigning a standardized description to the different statement items used by the various financial institutions
- enabling banks and TPPs to **accelerate implementation of new financial services to customers and increase loyalty**



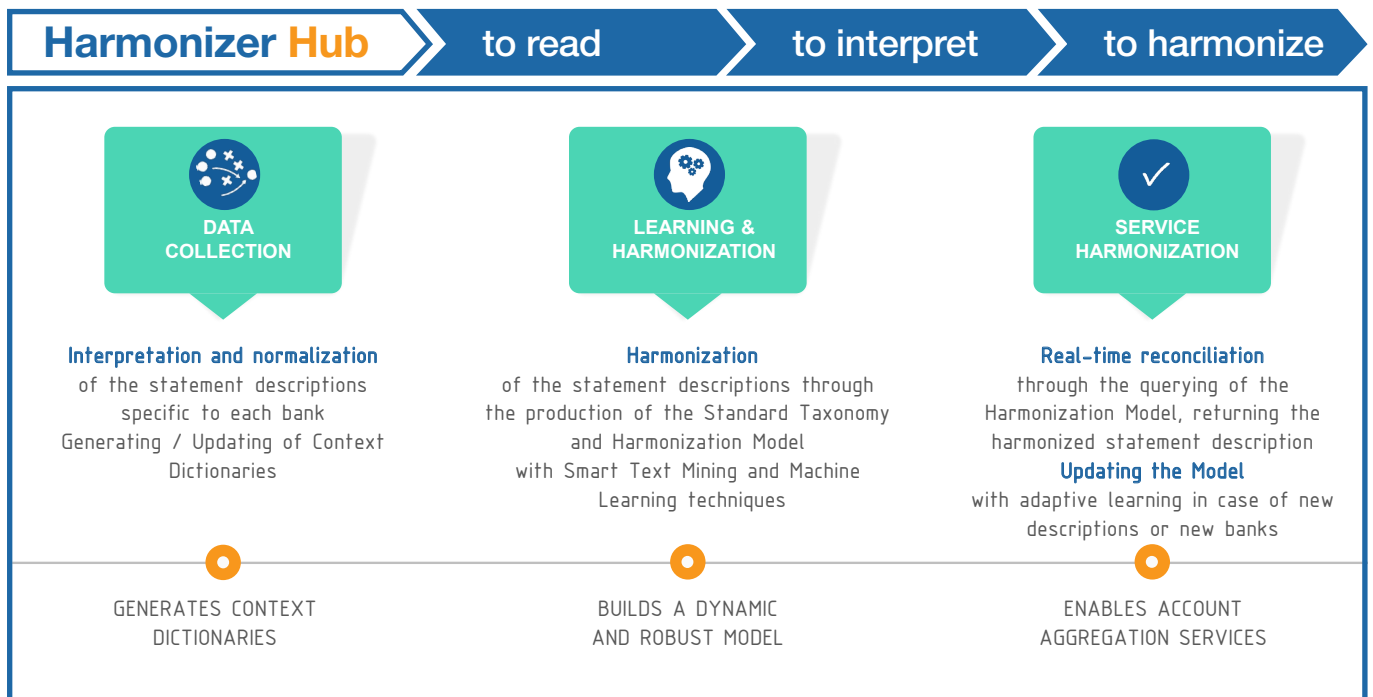
PSD2 - news

PSD2 is the legislation issued by the European Commission on the regulation of payment services, in force since 13 September 2019 for all EU countries.

The legislation aims to promote greater competition and consequently technological innovation in financial services, and has introduced the role of TPP (Third Party Provider), opening it up to Fintech operators from outside the banking sector.

Harmonizer Hub is the intelligent engine based on smart Text Mining and Machine Learning algorithms able to:

- Create tailor-made Learning Models that interpret, reconcile and harmonize the differences between statement descriptions specific to each bank
- Overcome the differences, creating a standard reference and customizable Taxonomy that is continuously updated
- Extend and strengthen the Taxonomy and the Harmonization Model, through a continuous monitoring of the service, based on the principle of “Adaptive Learning”, and updating the Model in the case of new descriptions or new banks with related descriptions



Harmonizer Hub is a solution based on MANTICA's Adaptive Intelligence platform.

Architecture and Components

Harmonizer Hub is modular, scalable and flexible. It adapts perfectly to the needs of your organization by being available:

- In the cloud
- On-premises
- Hybrid model

Components and microservices:

- Harmonizer Hub (Engine)
- TPP Harmonizer API
- TPP Taxonomy API
- Harmonizer Hub (Application)

Microservices:

- Microservices architecture APIs
- Virtual Machine
- Application & Engine in VM

The operational performance is ensured through real-time API REST mode responses. The API queries the Model with the original description to obtain the harmonized description taken from the standard Taxonomy.