

IDMP Ontology

Key Information

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Project contact details

<http://bit.ly/422cBHo>



Sponsors/partners



Introduction

What is IDMP?

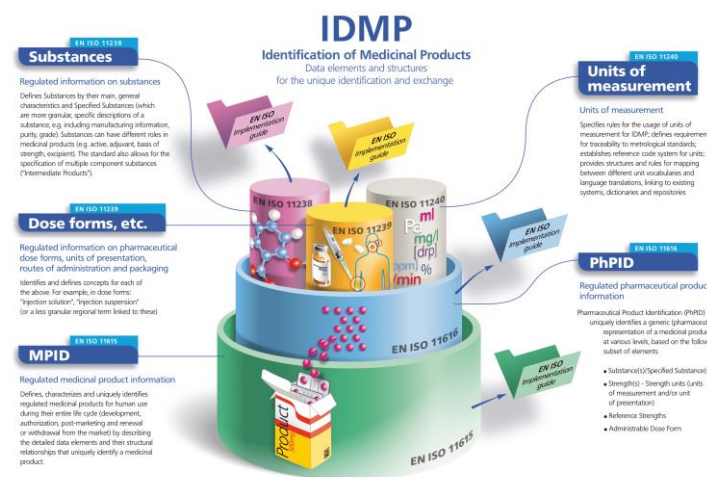


Figure 1 - IDMP Visual Explanation by EMA

Problem Statement

IDMP implementations in various organizations and regions are diverse, built-in silos, not fully standardized and have already created inconsistencies of interpretation. The risk is that envisioned benefits from IDMP cannot be fully realized.

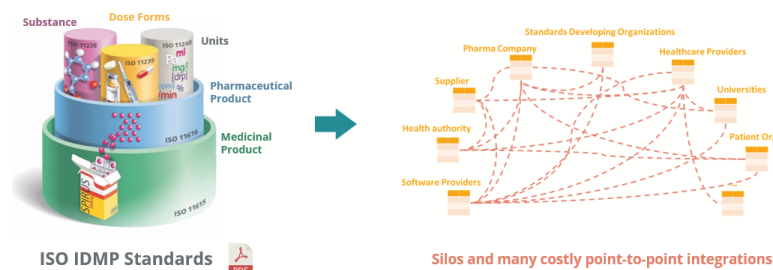
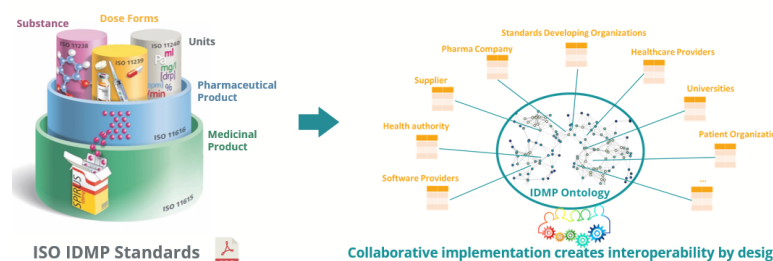


Figure 2 - Approach without the Ontology

Value Proposition

Build an IDMP Common Core Ontology that enables deep, semantic interoperability based on FAIR data principles to augment the existing ISO IDMP standards of the European Medical Agency.



Find General Information on IDMP

1-Data on medicines (ISO IDMP standards) - European Medicines Agency

<http://bit.ly/3Zj1YgA>



2-Identification of Medicinal Products (IDMP) - FDA

<http://bit.ly/3TQGGpk>



IDMP Knowledge Graph: IDMP Ontology + IDMP Data Graph

Testing the ontology along concrete use cases and data

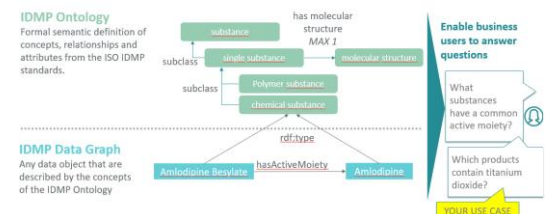


Figure 4 - IDMP Ontology and Data Graph

Results of the Ontology

1. Provide a digital, machine-readable standard
2. Solve ambiguities of the ISO IDMP standards
3. Bridge different views with ONE product data model
4. Provide a vendor-agnostic, and open-source model
5. Reduce implementation effort through a common core

Project Governance

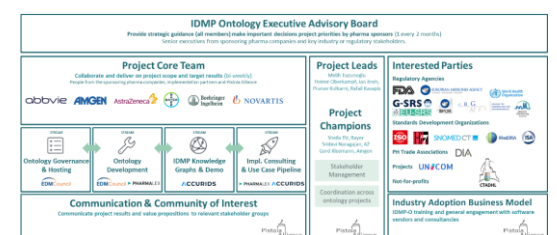


Figure 5 - Project Governance

Strategic Benefits of the participation

1. Reduce risk and effort of your IDMP implementation through collaboration with other pharma companies maximizes learning, distributes development efforts and speeds up IDMP adoption internally
2. Close alignment with regulatory authorities and standards development organizations
3. Ensure that your use cases and implementation requirements are addressed
4. Includes support for your internal adoption by project consultants and fast onboarding for Phase 3 joiners

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