Event Abstract

Title: Pistoia Alliance IDMP Ontology User Group Boston 2026: Practical Implementations, Data Standardization & AI

Co-located with: Pistoia Alliance Annual Conference

Host: Amgen | **Organizers:** Pistoia Alliance & ACCURIDS

Location: Boston, MA (Hybrid: 25 seats on-site + remote access) | **Time:** 09:00 – 14:00 EDT

About the Meeting

Following our previous meeting, the **2026 IDMP Ontology User Group** (hosted by Amgen) brings together specialists across R&D, Regulatory, Clinical, Manufacturing, Supply Chain and Data/AI to share practical experience with product data standardization.

This year's meeting focuses on **real-world implementation and the role of data foundations for AI**. We are organizing a series of **presentations from pharma companies** to highlight how the IDMP Ontology (IDMP-O) is being applied to solve specific data connectivity challenges across the medicinal product lifecycle.

In addition, our team will demonstrate how Managed Agents leverage IDMP-O and enterprise data assets to deliver high-quality product context intelligence for cross-functional use cases.

Whether you are already working with IDMP-O or exploring semantic data models for your organization, this hybrid session offers a practical environment to review the latest ontology updates, exchange implementation lessons, and help shape the open community roadmap.

Key Agenda Topics:

- **Pharma Case Studies:** 15-20 minute talks from industry peers on active IDMP-O use cases.
- **AI & Product Context Intelligence:** Demonstration of Managed Agents using IDMP-O to support scalable data standardization.
- **IDMP-O Technical Update:** Refactoring status, core extensions, and the open-source roadmap.
- **Working Sessions:** Open Q&A and focused discussion on implementation challenges and community priorities.

Agenda

- **09:00 – 09:15 | Welcome & Scope**
  - Opening remarks by Host (Amgen), Pistoia Alliance, and ACCURIDS.
- **09:15 – 09:30 | IDMP-O Refactoring & Roadmap Update - Heiner**
  - Technical progress, recent ontology refinements, and alignment with ISO standards, Heiner Oberkampf, Accurids
- **09:30 – 10:45 | Pharma Implementations: Part I (20 min each)**
  - Presentations by pharma peers showcasing IDMP-O applications across R&D, Clinical, and Regulatory data, Brief Q&A per speaker.
  - IDMP-O in Practice: Boehringer Ingelheim Updates, GIDWG Progress, and the Evolving ISO IDMP Landscape, Sheila Elz, **Boehringer Ingelheim**
  - Using IDMP-O to Connect Regulatory and Supply Chain: lessons learned, Kristin Love, **GSK**
  - Madhavi Pidaparthy, **Sanofi**
- **10:45 – 11:00 | Break**
- **11:00 – 12:00 | Pharma Implementations: Part II (20 min each)**
  - Presentations by pharma peers showcasing IDMP-O applications across R&D, Clinical, and Regulatory data, Brief Q&A per speaker.
  - Fragmented Product Data to a Trusted Product Knowledge Graph: Applying IDMP-O in Practice, Rajaram Kaliyaperumal, **Johnson & Johnson**
  - The Formulation Behind the ID use case with **Merck KGaA**: IDMP-O in Action, Dr. Dr. Malte Bogdahn, Merck KGaA, Norman Vargas, CrownPoint Technologies
  - Enable the interoperability - Pistoia Alliance Ontology Design Principle, Asiyah Yu Lin, **Pistoia Alliance**
- **12:00 – 12:30 | Current IDMP implementation at FDA and ideal future implementation of PhPID is FDA's IT architecture: Marlene Kim (USFDA)**
- **12:30 – 13:00 | Lunch and networking**
- **13:00 – 13:30 | Scalable Standardization: IDMP-O & Managed AI Agents**
  - *Demonstration:* How Managed Agents build product context intelligence using IDMP-O and enterprise data assets to generate insights for downstream use cases, Heiko Waldmueller, M.D. , Accurids
- **13:30 – 13:45 | Community Priorities & Next Steps**
  - Reviewing user requirements, governance, and planning future community activities.
- **13:45 – 14:00 | Closing Remarks**