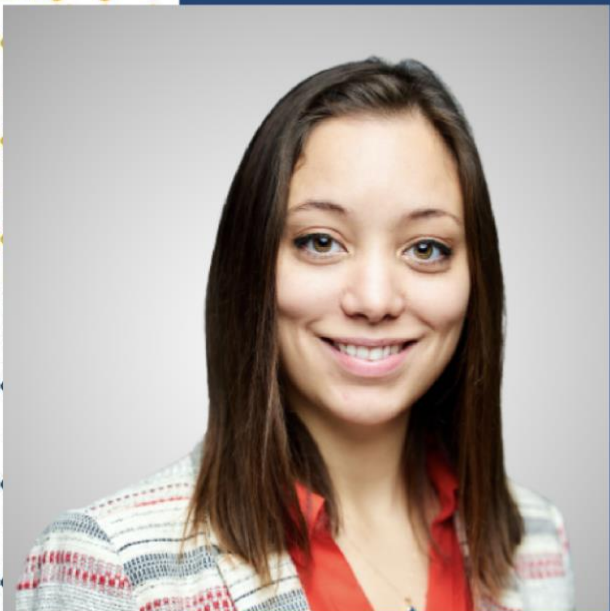


Organizing RWD with AI

Tasha Nagamine
November 20, 2025





Meet the Speaker

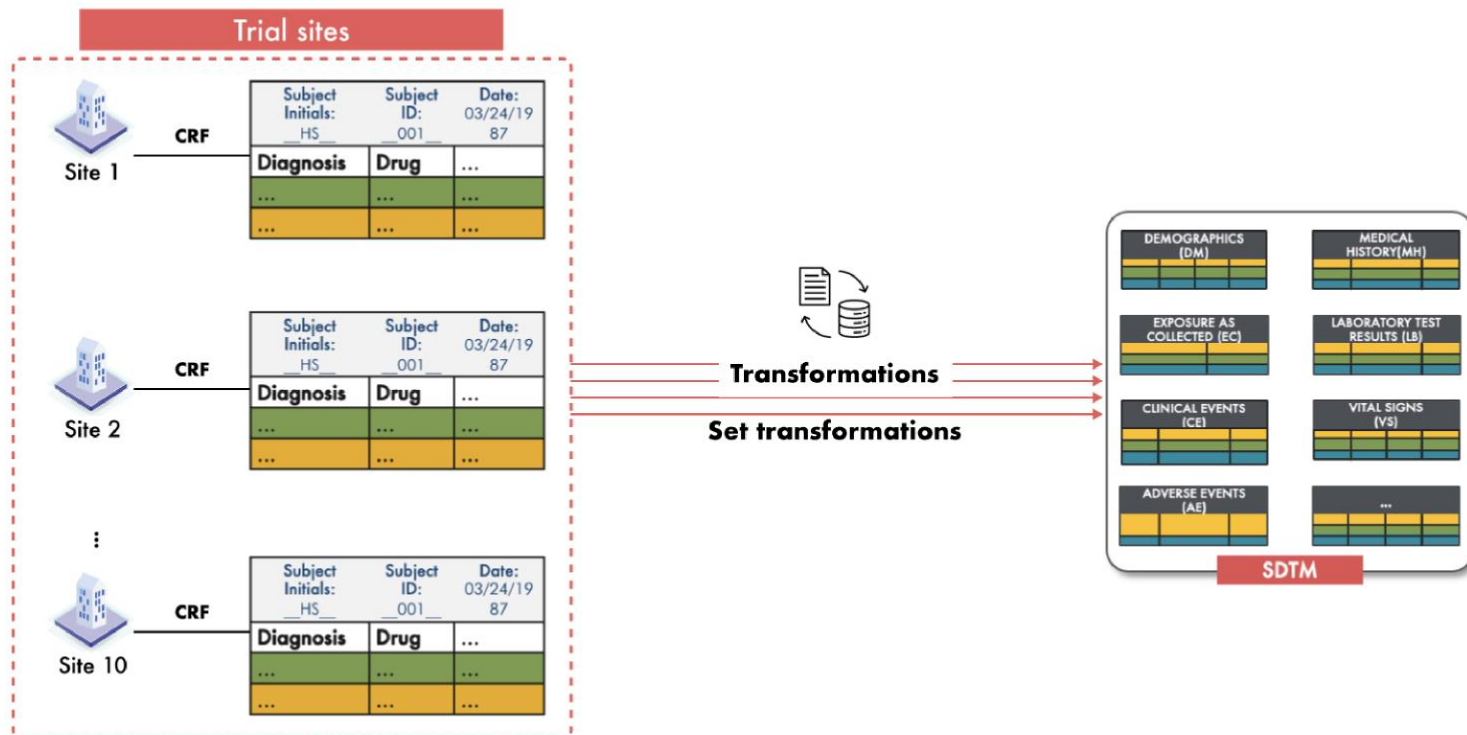
Tasha Nagamine

Title: Co-Founder and CTO

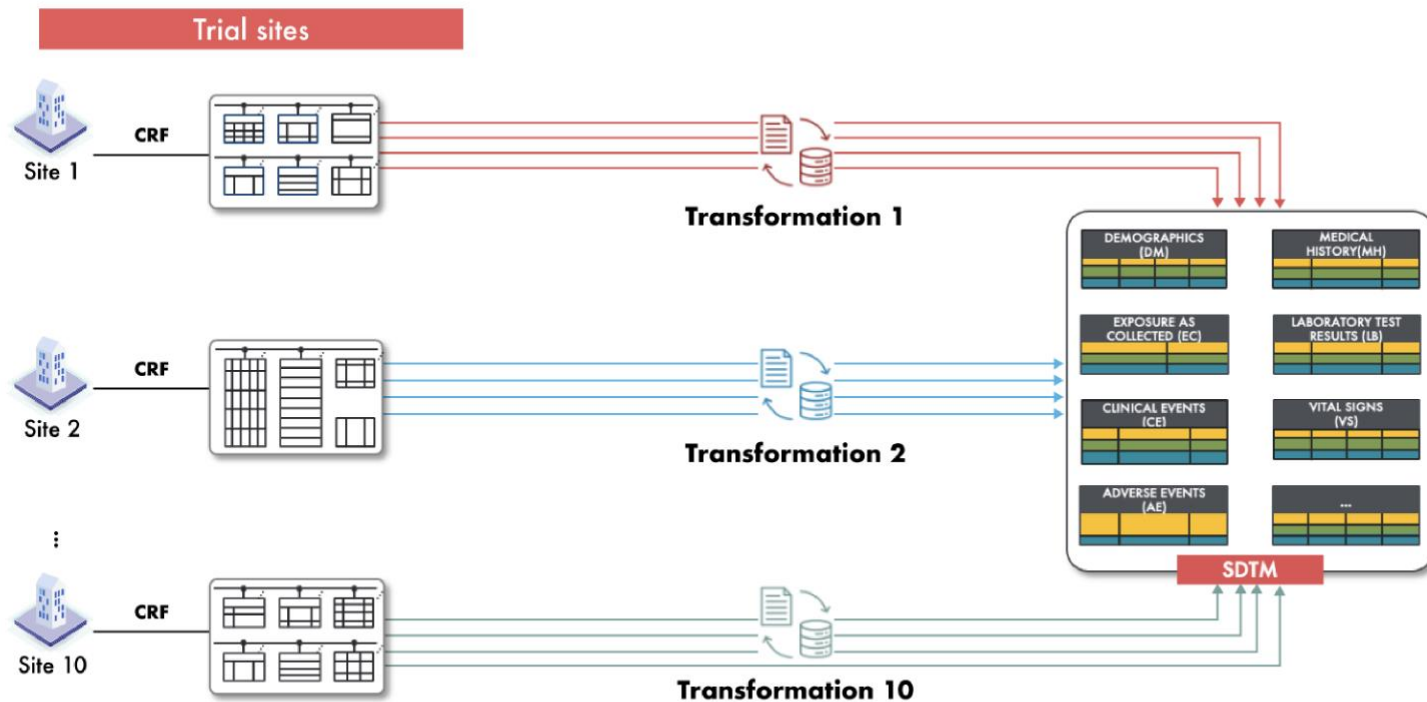
Organization: Droice Labs

Tasha is an entrepreneur and seasoned technologist with 10+ years of experience in AI, research, and tech strategy. She brings deep expertise in RWD to build data-driven products that have processed over 100 million patient lives. Tasha received her BS in physics from Brown University and left a PhD in deep learning at Columbia University to start Droice.

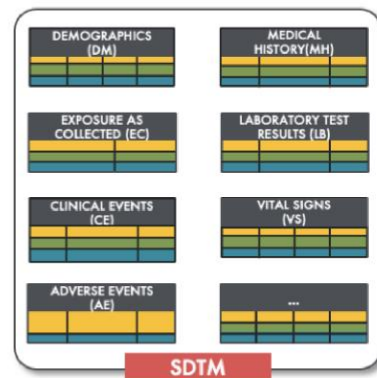
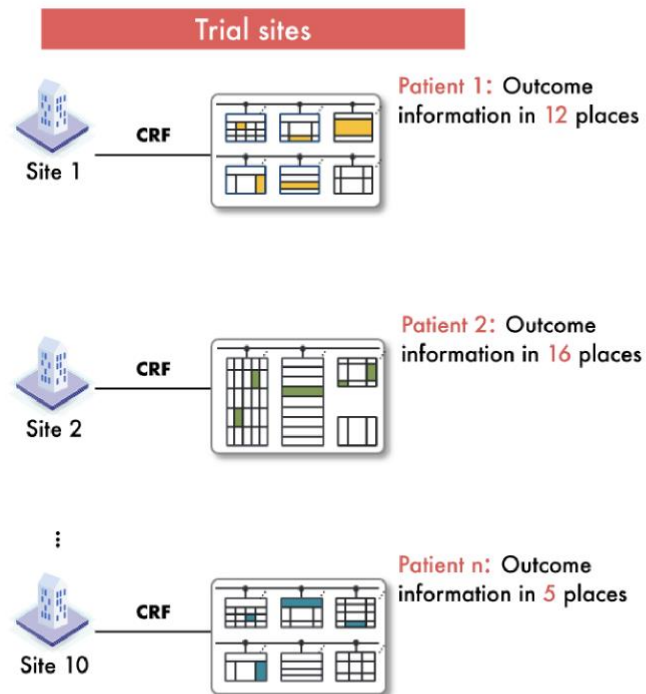
RCT DATA JOURNEY



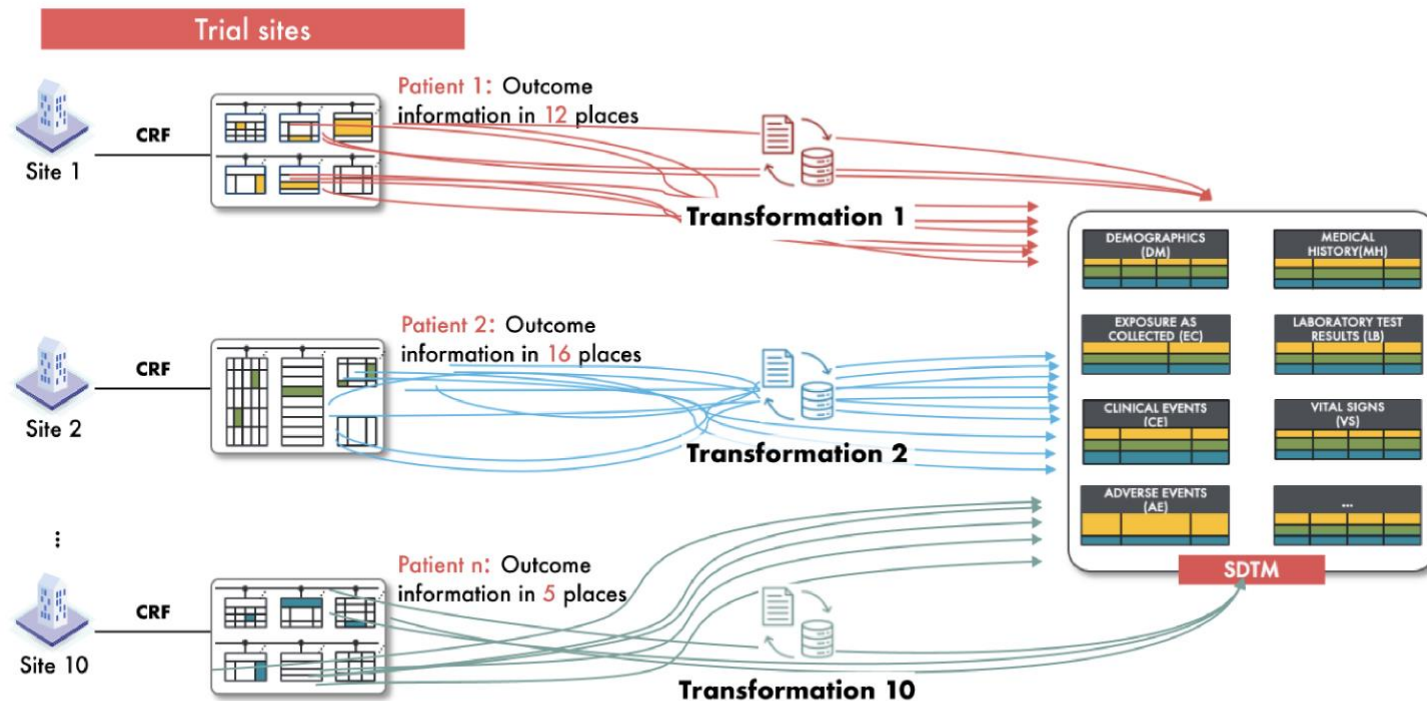
RCT DATA JOURNEY: STRUCTURE VARIATION



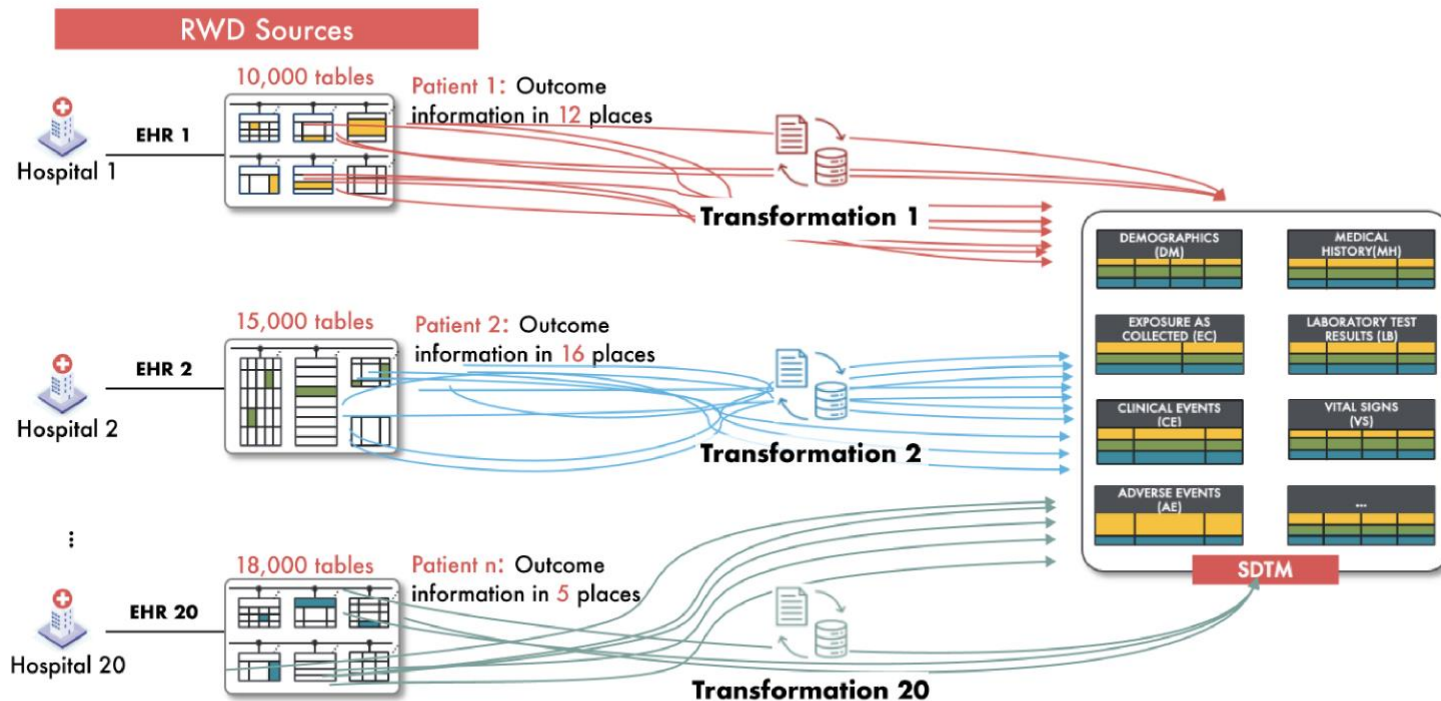
RCT DATA JOURNEY: CONTENT VARIATION



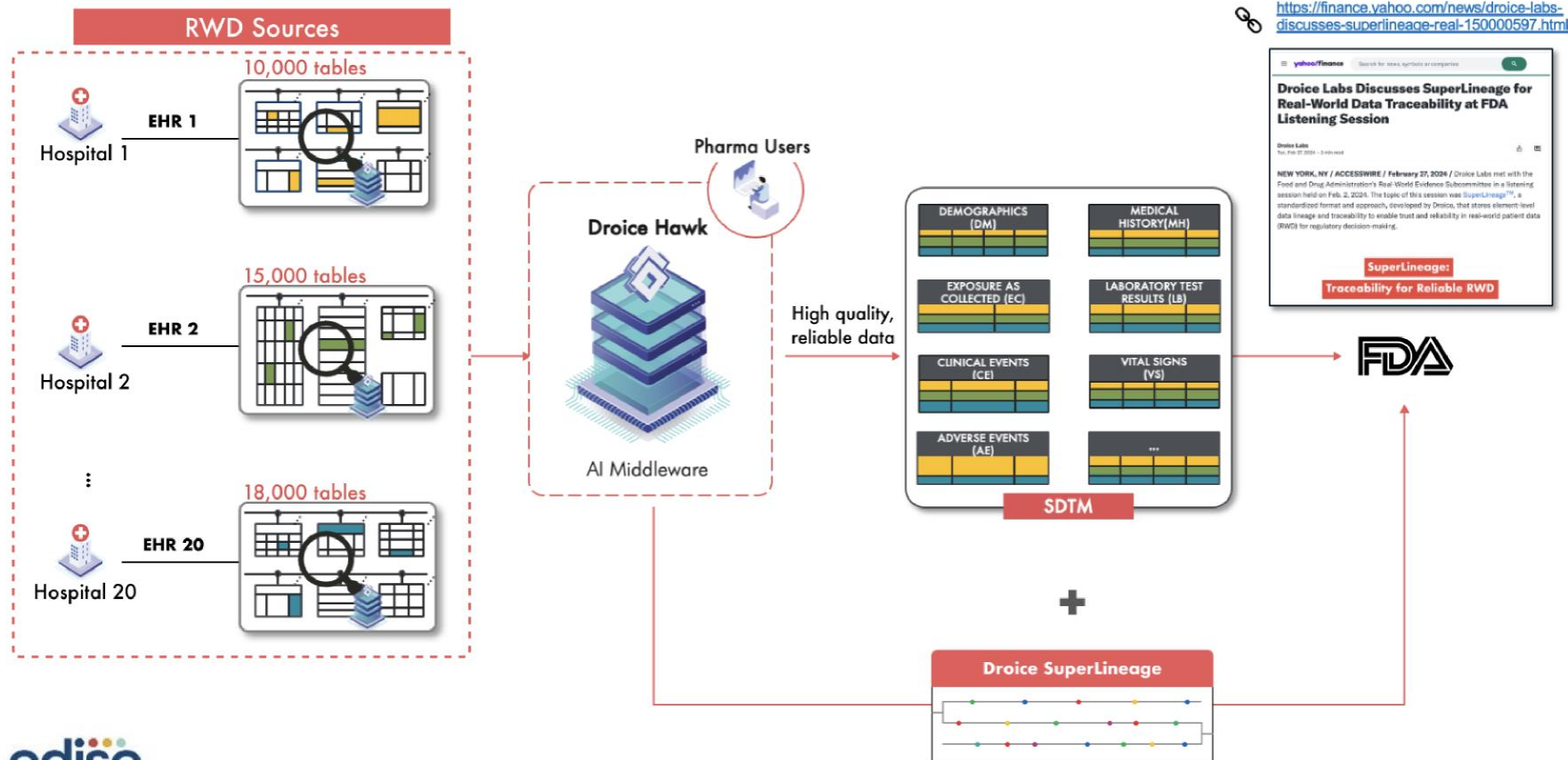
RCT DATA JOURNEY: CONTENT VARIATION



RWD: MASSIVE STRUCTURE AND CONTENT VARIATION



AI APPROACH



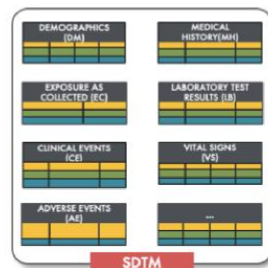
Building the global standard for RWD traceability



Droice Hawk



AI Middleware



Droice SuperLineage

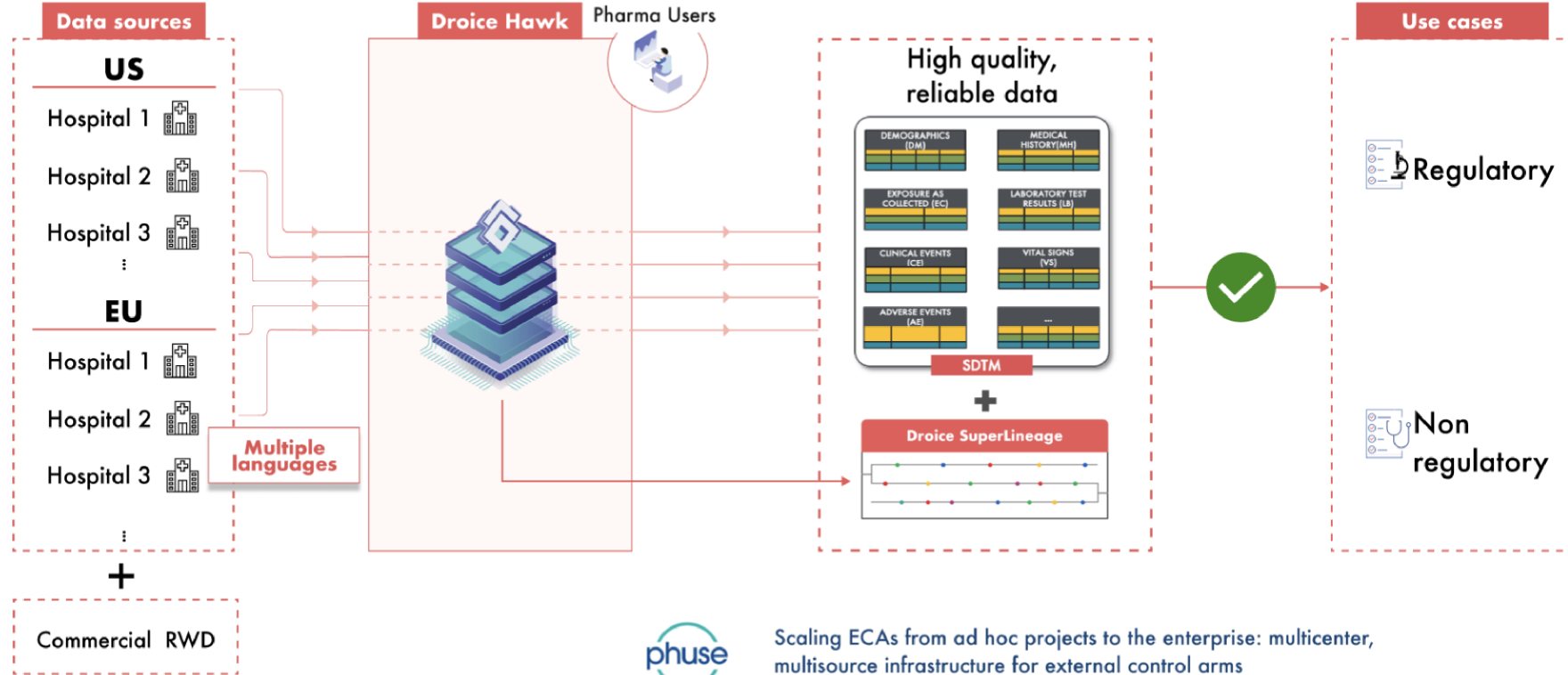


- Lossless representation of source data
- Standardized data structure for lineage across all sources



Transforming RWD for Regulatory Submissions: How to Use SDTM for RWD
Tasha Nagamine, Droice Labs & Sam Hume, CDISC. 2024.

AI MIDDLEWARE FOR RWD



Scaling ECAs from ad hoc projects to the enterprise: multicenter, multisource infrastructure for external control arms
Jussi Leinonen, Bayer & Mayur Saxena, DroiceLabs. 2024.

✓ Reliability

✓ Speed & Scalability

✓ Fit for Regulatory Use Cases

✓ HIPAA/GDPR Compliant



Thank You

