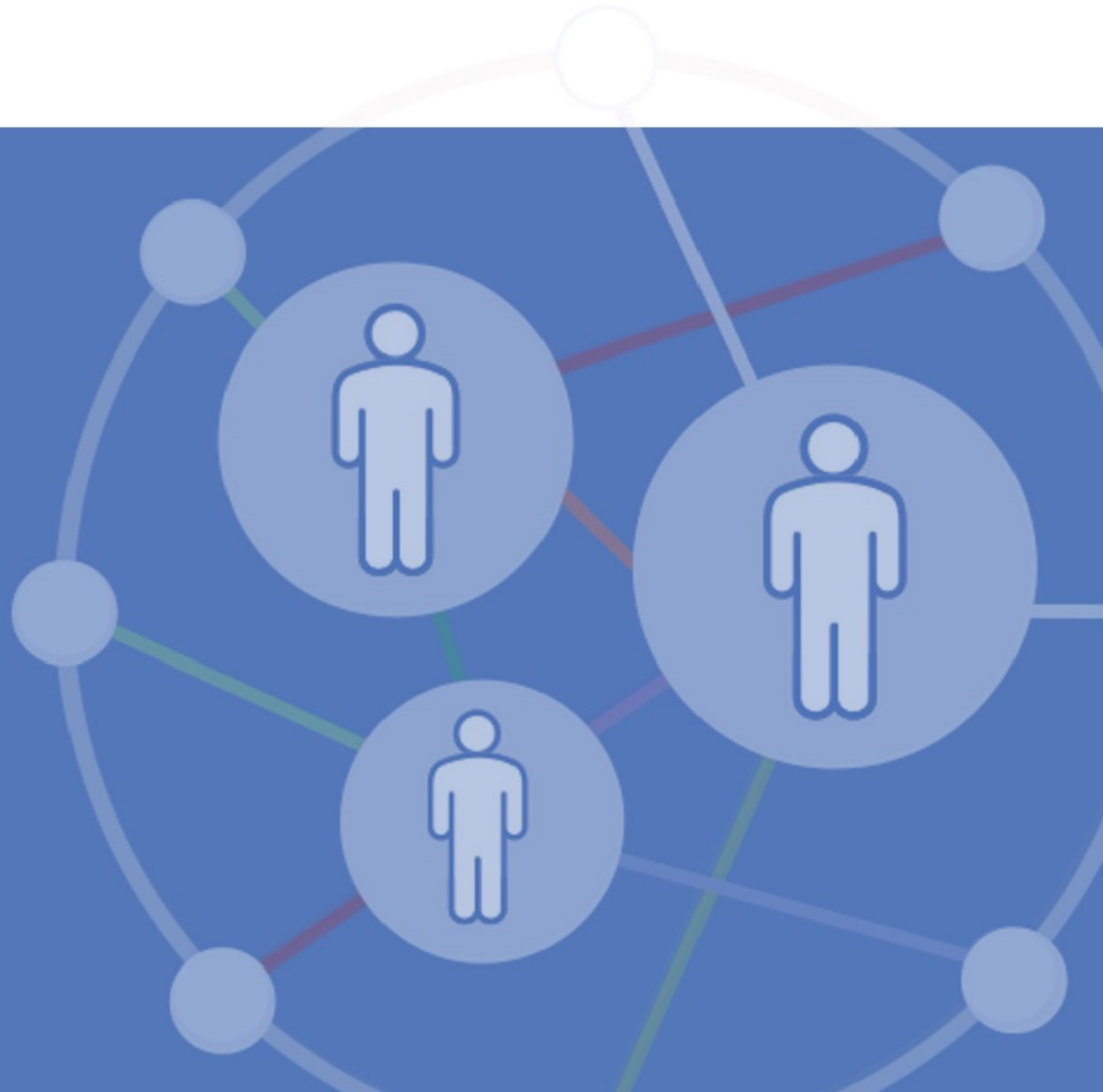




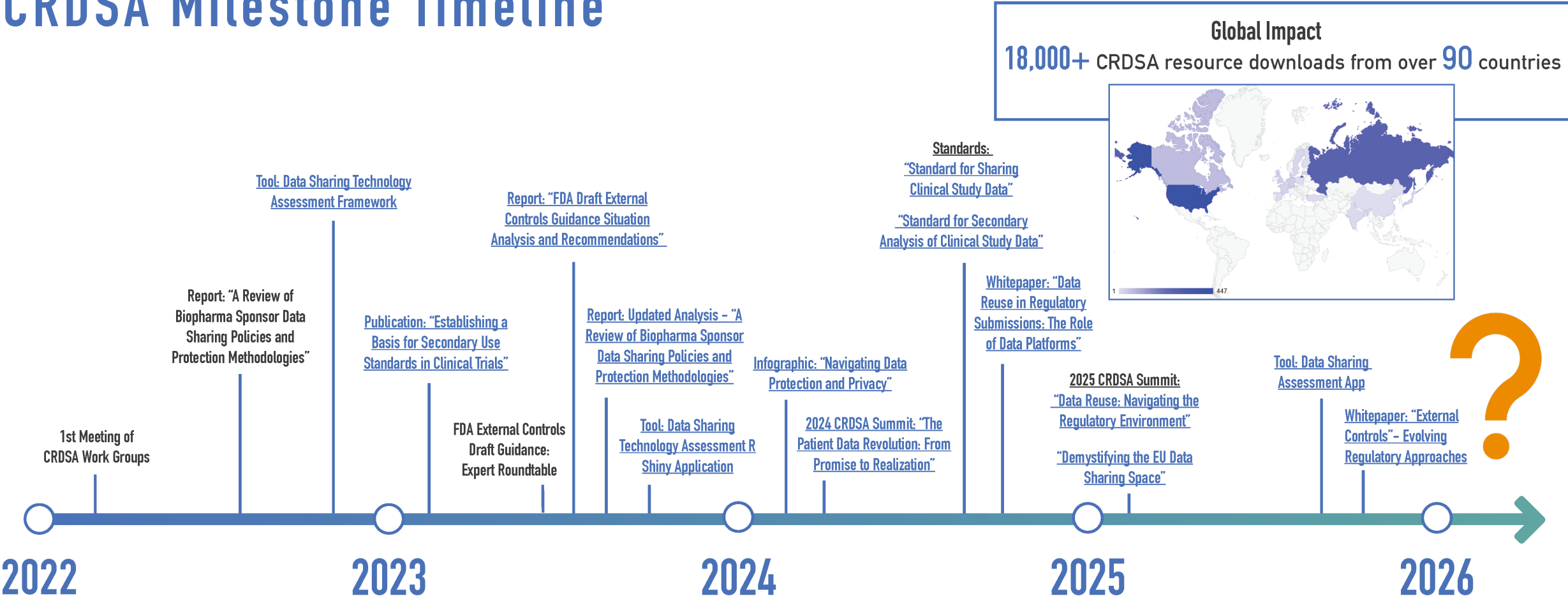
CRDSA

Clinical Research Data Sharing Alliance

2026: What's Ahead? AI data harmonization



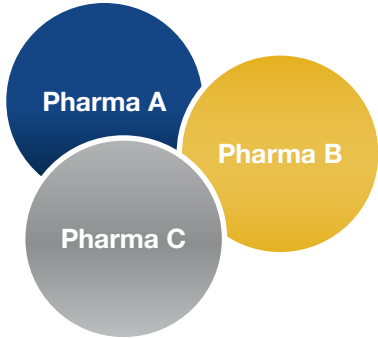
CRDSA Milestone Timeline



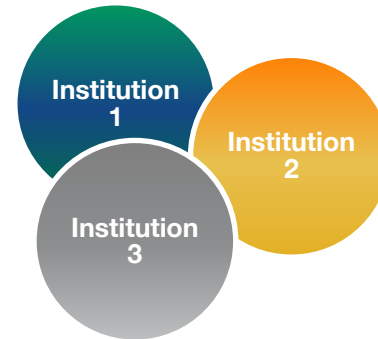
The data is (mostly) findable and accessible...

Data Contributors

Industry



Academic



Data Platforms

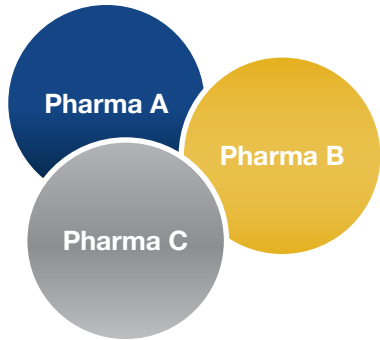


✓ Findable

✓ Accessible

...but it's not FAIR data

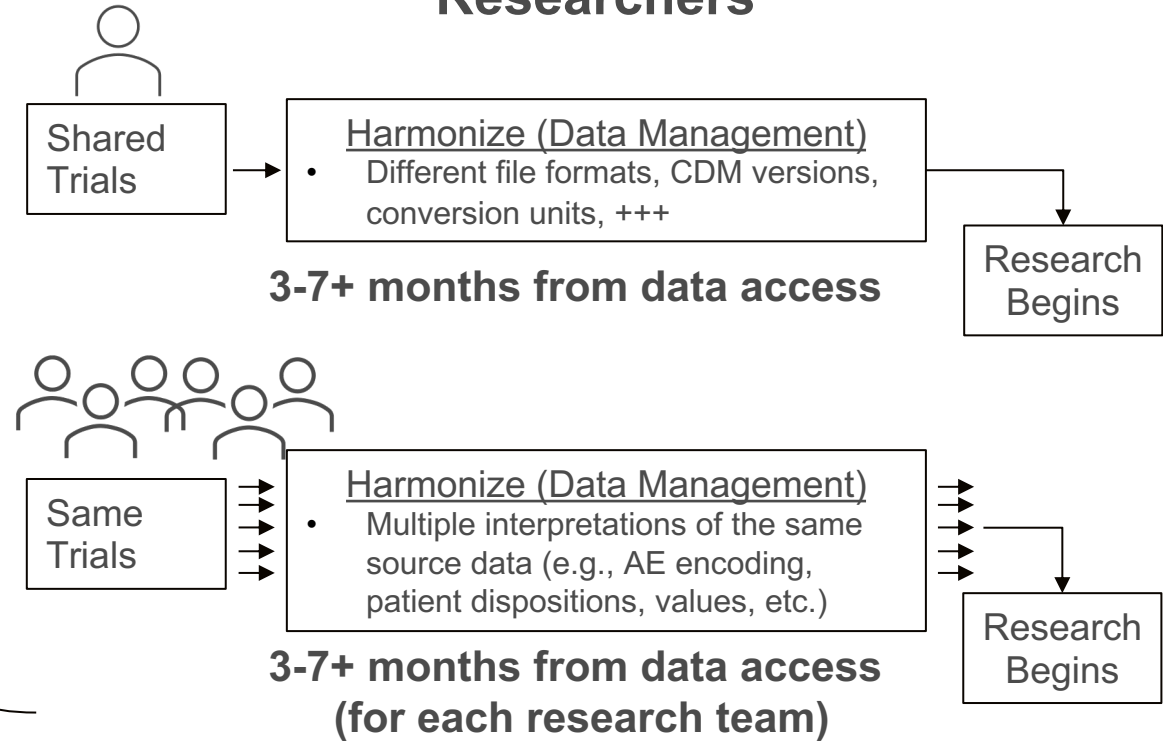
Data Contributors



Data Platforms



Researchers



✓ Findable

✓ Accessible

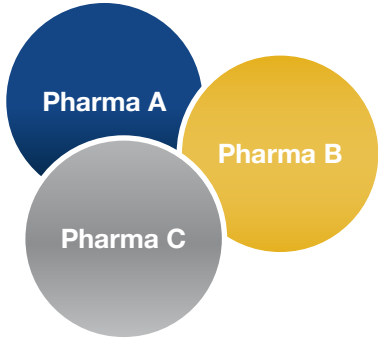
✗ Interoperable

✗ Reusable

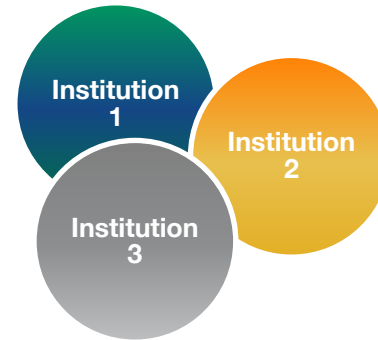
Project Concordia: new (AI) tools, new solutions

Data Contributors

Industry



Academic

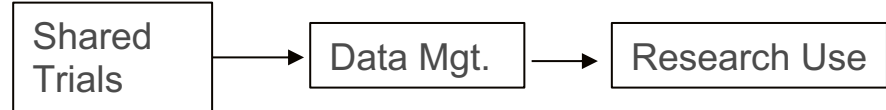


Data Platforms



Concordia

- Agentic AI solution
- Harmonizes core domains and variables
- Standardized data model and file format
- Result: a substantial reduction in cycle time and cost



✓ Findable

✓ Accessible

✓ Reusable

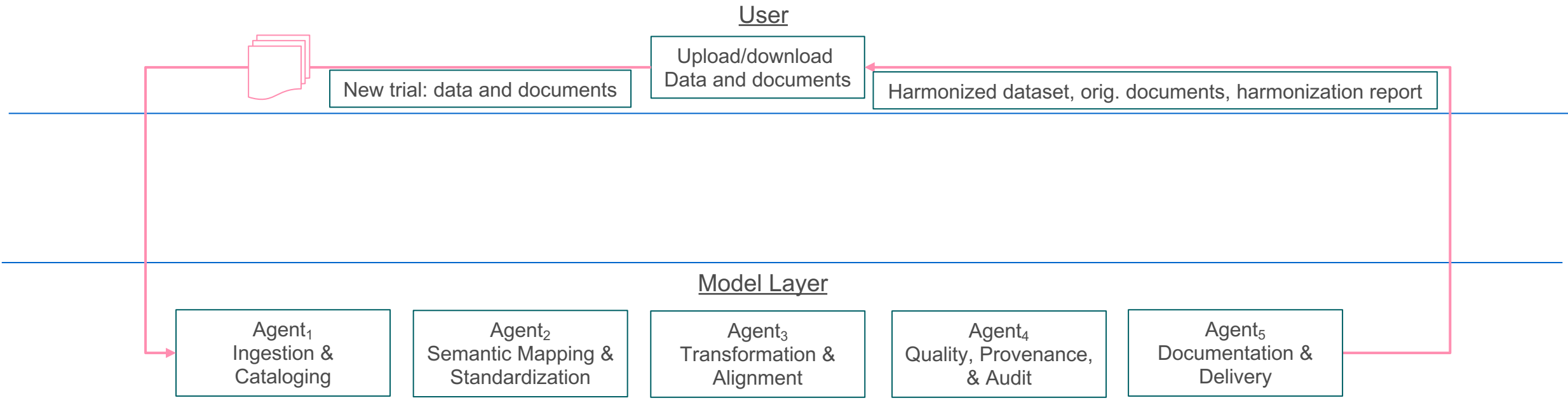
✓ Interoperable

Three development principles

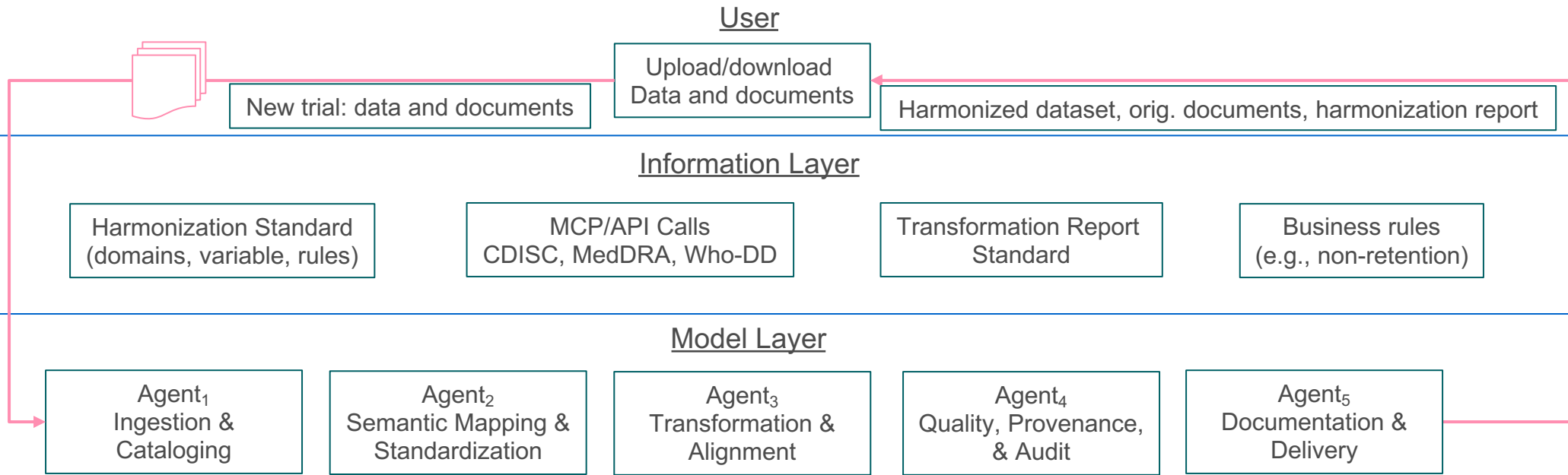


- 1. Limit the scope (80/20):** harmonization focuses on delivering a high utility, high confidence user experience
- 2. Be transparent:** the harmonization transformation report is clear on what was and wasn't done with the data
- 3. Practical AI development:** employ a modular and precise application of agentic AI in a process workflow

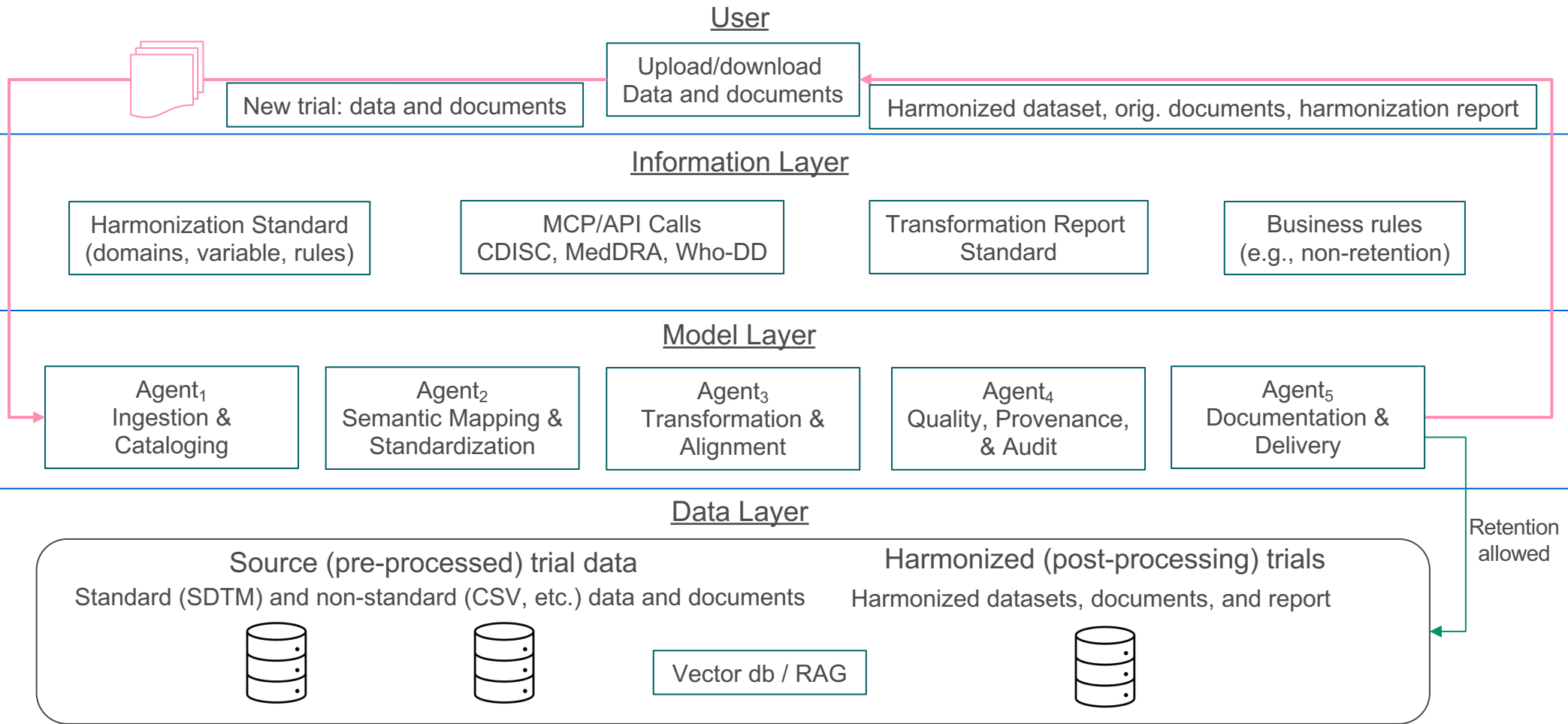
Human in the loop



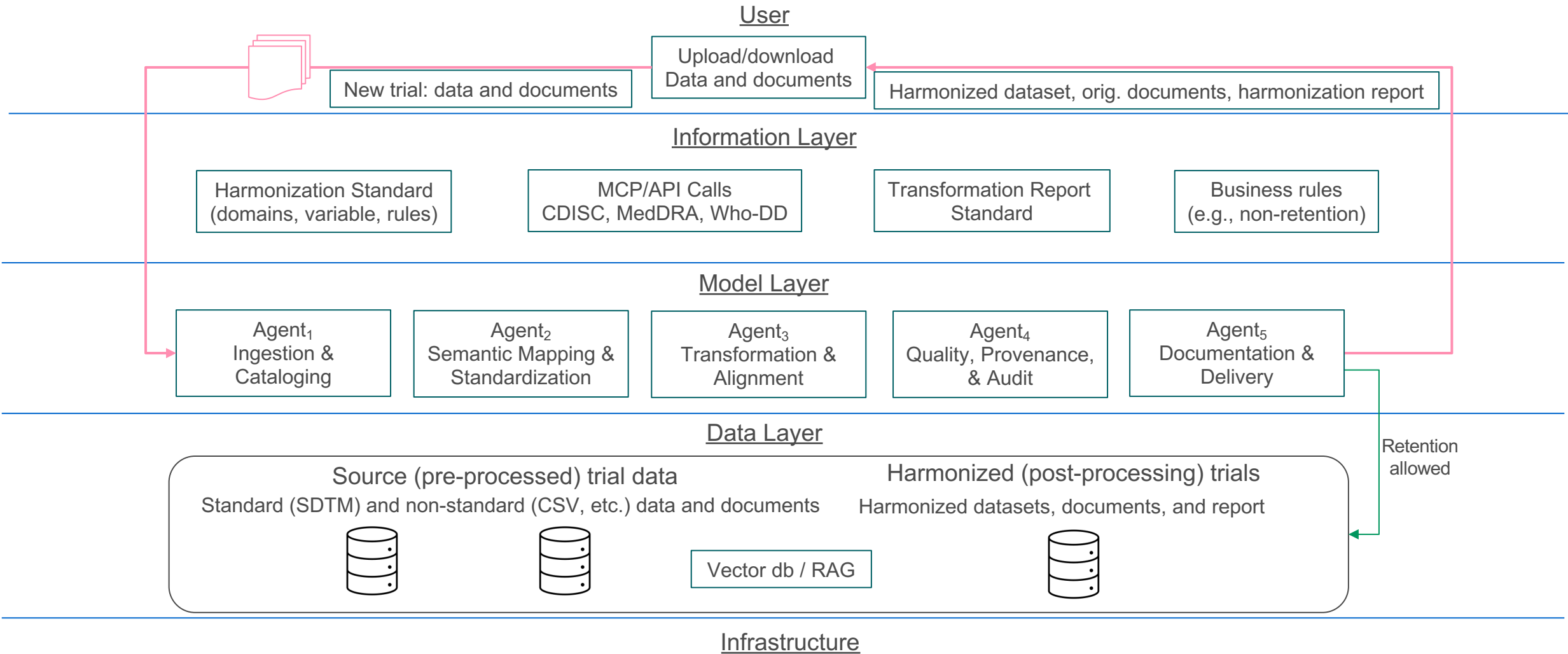
Business rules and operating guardrails



Reference and learning



Putting it all together



- Cloud-based deployment with SOC2 Type II certification
- MCP/ API integration

- Multi-factor authentication and single sign-on (SSO) integration
- Role-based permissions (Admin, Developer, Reviewer, Viewer).



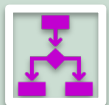
Reduced cost and resource burden for research teams



Compresses time-to-research (and publication)



Uniform data interpretation that enhances results reproducibility



Reduces data management of trials that aren't "fit for purpose"



Reduces project abandonment (due to data management burden)



CRDSA

Clinical Research Data Sharing Alliance

Thank you!

Aaron Mann

Chief Executive Officer

+1 917-520-2346

aaron.mann@CRDSAlliance.org

