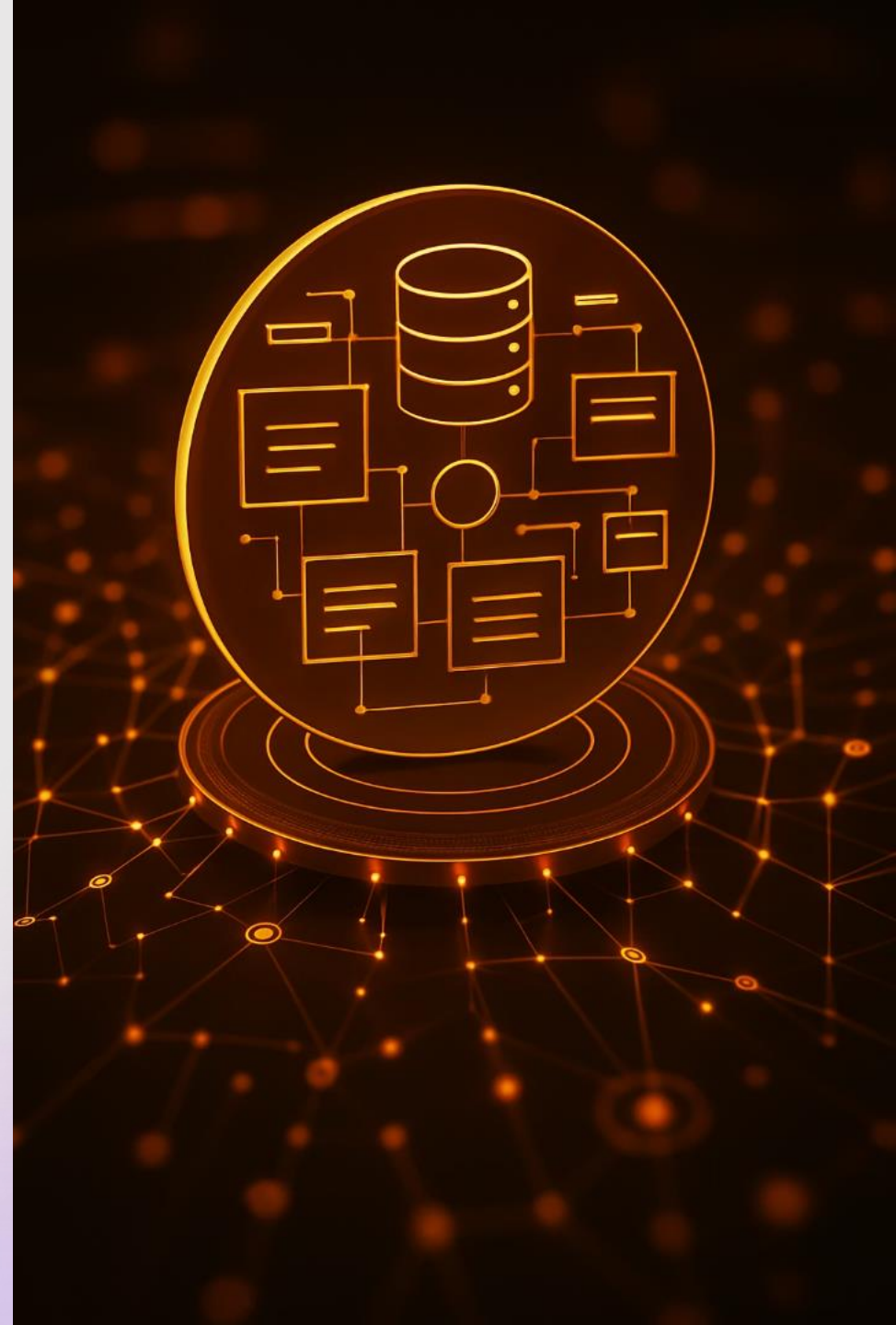


Golden Record as a Service

Your Data, Your Innovation, Your Impact

22. Mai 2025, by Erik Wiegert



Mapping Our Journey



Why Golden Record?

Understanding the foundation



Core Value Proposition

Key benefits and features



Live Statistics

Performance metrics that matter

We'll explore the current implementation of Golden Record with real use cases and examine how you can build, integrate, and elevate your solutions. Finally, we'll discuss your crucial role in shaping the future of this service and provide clear pathways to get involved in our growing community.

Why Golden Record?



Current Challenge

Most companies operate with duplicated, incomplete, or inconsistent business partner master data



Negative Impact

Blocks automation and creates inefficiencies within your company and across the Catena-X ecosystem



Golden Record Solution

Provides harmonized, deduplicated, and enriched business partner data



Enabling Scale

Offers services for validation, enrichment, and matching across the network



Core Value Proposition



Automated Intelligence

Sophisticated matching, deduplication, and cleansing across entities and systems



Standards-Compliant

Standardized BPDM data model integration including VAT, EORI identifiers and National company registry numbers



Real-Time Access

High-performance services for validation, enrichment, and direct pool lookup capabilities



Enterprise Security

Secure, GDPR-compliant architecture with complete data lineage traceability

Golden Record is not just cleaner data—it's the trusted backbone that powers automation, interoperability, and innovation across the Catena-X ecosystem. It supports critical use cases from onboarding to risk assessment, demand and capacity management or traceability through seamless ecosystem-wide integration.

Statistics that Matter

Metric	Value
Records processed	250k+
Deduplication Rate	± 15%
Natural Persons Detected	3.200+
Contributors	5+ companies
Number of countries	150+
Number of unique identifiers	60+
Integration ready	Yes (via Catena-X Standards)

These metrics demonstrate that Golden Record is already operating at enterprise scale. The growing contributor base shows adoption across the Catena-X network, creating a robust foundation for future expansion.



Use Cases Already Live

Master Data Deduplication & Matching

- Consolidates fragmented ERP, CRM, and tax system records
- Eliminates redundant onboarding data collection
- Reduces manual reconciliation efforts

Onboarding & Validation Services

- Embedded into first supplier/customer onboarding portals
- Automated BPN, VAT, and registry number validation
- Significantly accelerates time-to-value

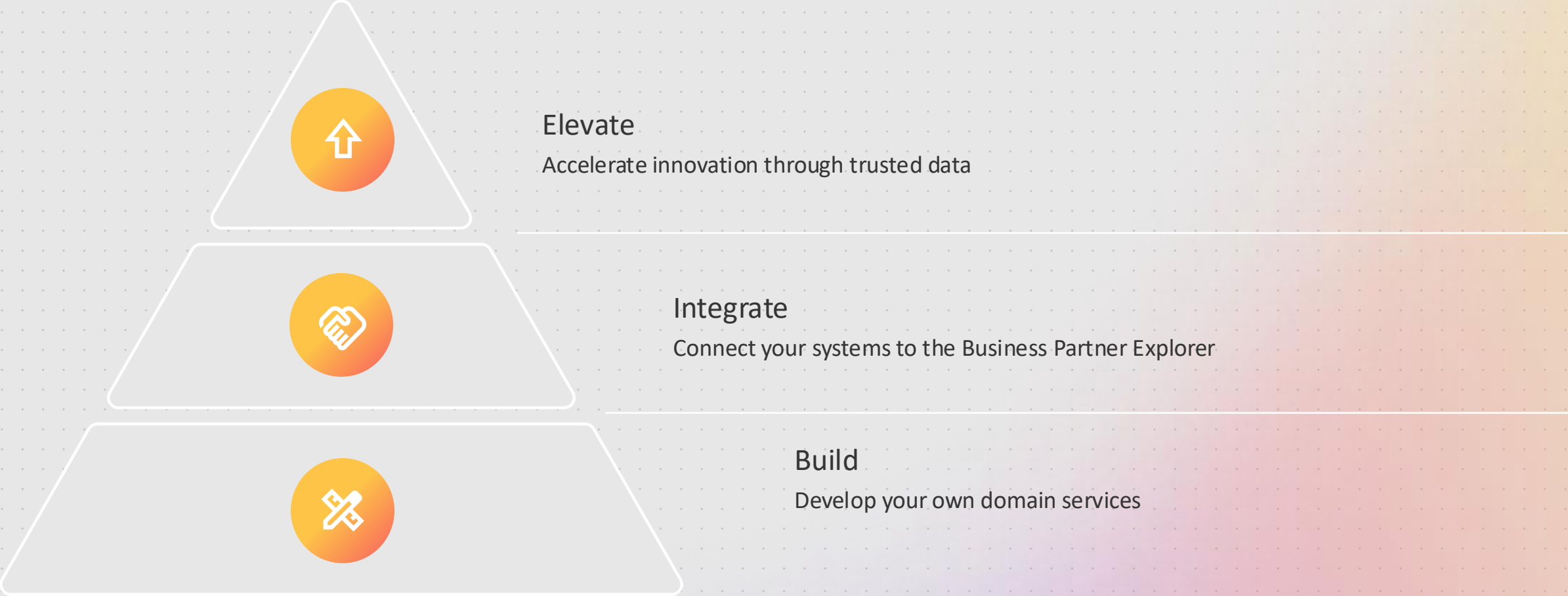
Registry Integration

- Leverages official third-party sources
- Connects to commercial and tax registers and to different information providers.
- Ensures data freshness through continuous updates

Golden Record is already generating substantial value by solving real business challenges and building a shared, high-quality data pool that scales with the entire network. Each successful implementation further enriches the ecosystem.



Build, Integrate, Elevate



The Golden Record platform provides a foundation for building specialized domain services like traceability usecases, AI-based supplier risk detection, and federation services linking group structures or alternative identifiers. Leverage lookup, match, and enrichment as-a-service to reduce onboarding time, improve internal data quality, and accelerate innovation through shared trusted data.

Value-Added Services in Development



Sanction Watchlist Screening

Continuous monitoring of global sanction lists to ensure compliance and mitigate legal risks.



Country Risk Intelligence

Analysis and assessment of geopolitical and financial risks to support informed decision-making.



Bank Data Verification

Real-time validation of banking information to enhance transaction security and reduce errors.



Fraud Pattern Detection

Advanced algorithms to identify and prevent fraudulent activities across multiple data sources.



Company Risk Scoring

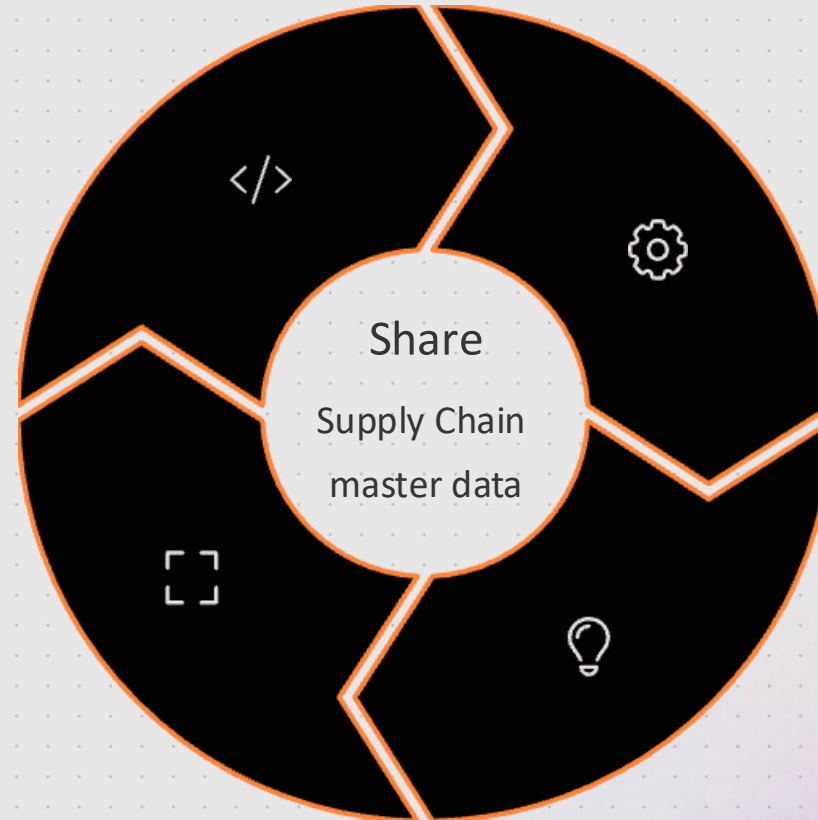
Comprehensive evaluation of companies' financial health and operational risk for better partner selection.

Your Role in Shaping the Future

This is not a closed system—it's a community effort.

Contribute
Add enrichment logic or match rules

Expand
Help grow beyond automotive



Build
Create tools using Golden Record APIs

Propose
Suggest industry-specific use cases

Your contributions directly increase the value for everyone in the network. Initially focused on the automotive sector, we're expanding into chemical, logistics, and additional industries based on community demand and participation.

Get Involved Today



Open Source Code

Access and contribute to our repositories at [tractusx/bpdm](https://github.com/tractusx/bpdm) for core components and integration examples.



Developer Documentation

Comprehensive guides and API references available through our Internal Wiki with first implementation samples.



Community

Join the conversation in our Datasharing community to connect with other implementers, users and our core team.



Events & Hackathons

Participate in upcoming hands-on sessions and hackathons—check with Cofinity-X PM for the latest schedule.

The data foundation is here and ready for you to build upon. Try our APIs, join the community, and bring your use case ideas to the next session. Your engagement drives the ecosystem forward.



Thank You for Your Attention

250k+

Records Processed

And growing everyday

5+

Contributing Companies

Building together



Potential Use Cases

Limited only by imagination

Golden Record provides the essential data foundation that enables the Catena-X ecosystem to function efficiently at scale. By participating in this shared initiative, you're not just improving your own operations—you're contributing to a more connected, efficient, and innovative industrial landscape.