

Content:

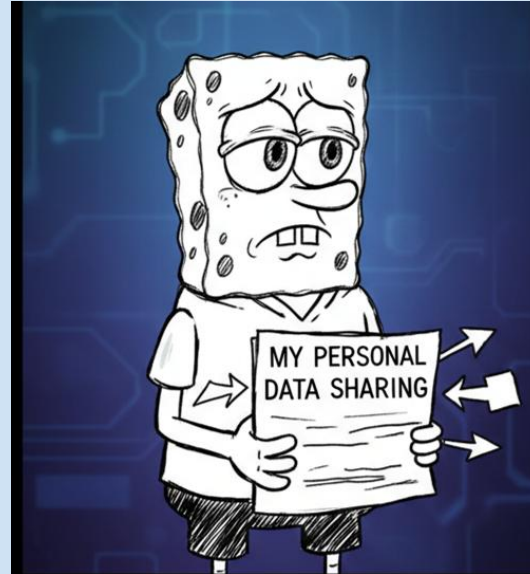
01: Main Page

02: What is ISO/IEC 25642?

03: Why was it created?

04: Core Requirements & Principles

05: Practical Implications & Benefits



**ME
(COPYING DATA PERSONALLY)**



**THE GUY SHE SAID
NOT TO WORRY ABOUT
(HARMONIZED SYSTEM)**

Why copy data when you can just share the original?

01: Blueprint designed for IT professionals and leaders who are facing complex data integration challenges.

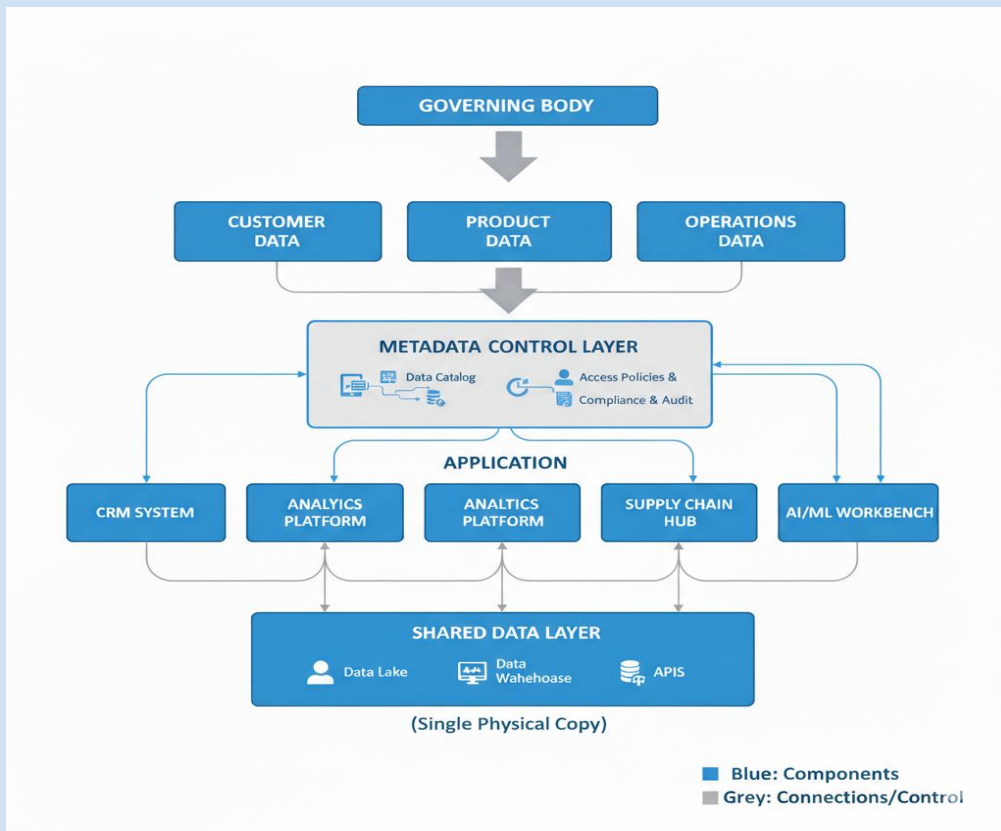
02: Specifies minimum recommendations for "zero-copy data integration".

03: Directs organizations to avoid creating application-specific data silos.

04: Instead of copying data, recommends shared data architecture that allows multiple applications to collaborate on a single, shared physical copy of data.

05: Ensures security by embedding granular data access controls at metadata layer, rather than at app or code layer.

Data is an asset. Every unnecessary copy is a liability.





- 1 To reduce **data duplication** caused by traditional data sharing methods.



- 2 To enable **secure data collaboration** without physically copying data across teams or systems.



- 3 To establish a **standardized governance framework** for zero-copy data integration.



- 4 To improve **consistency and trust** in shared data across departments and organizations.

- 5 To support **scalable and compliant data ecosystems** in an increasingly digital economy.

Don't copy data. Govern it.

01: Decouple Data from Applications :

Avoid application-specific data silos by separating data from software.

02: Access-Based Collaboration:

Enable collaboration on shared data without creating copies.

03: Govern Data as a Product :

Establish clear ownership governance boundaries for data domains.

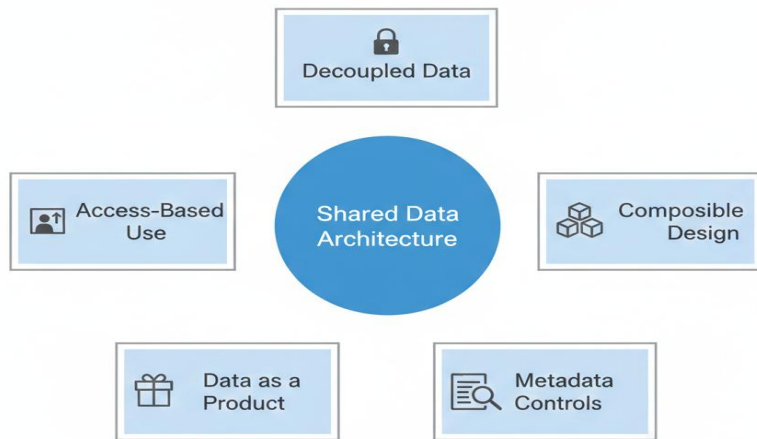
04: Enforce Controls at the Metadata Layer :

Apply granular access policies directly at the data layer.

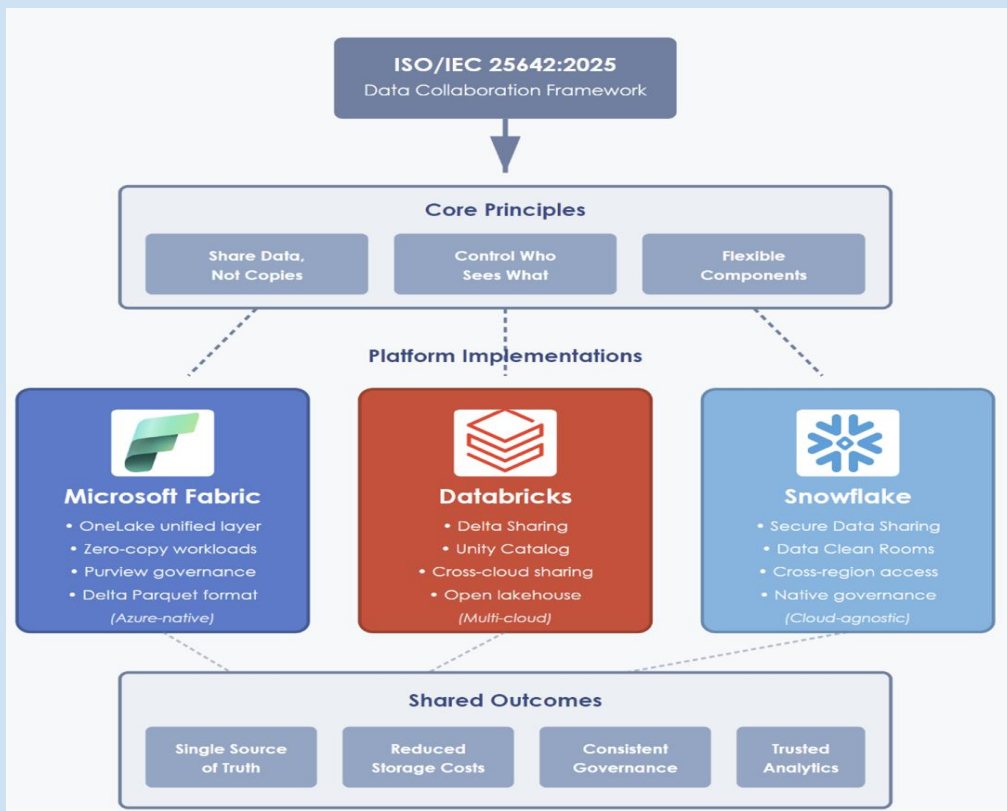
05: Design for Enterprise Composability:

Build modular applications that evolve without duplicating data.

ISO/IEC 25642 Core Principles



Build the rules into the data, not the application.



01: Enables Secure Data Collaboration

02: Preserves Data Sovereignty and Control

03: Reduces Regulatory & Compliance Risk

04: Supports Zero-Copy Data Integration

05: Improves Trust Between Organizations

06: Enhances Data Quality and Consistency

07: Facilitates Trusted Analytics and AI

08: Improves Interoperability

09: Lowers Data Management Costs

The standard writes the rules. The platforms make it cool.