DIASCA
Traceability

September 2022
Pillars of Traceability

**Identify**
Globally-recognised unique identification of products, assets, locations and more

**Capture**
Real-time accurate and automatic capture of data

**Share**
Efficient sharing of information from trusted and authentic sources
Interoperability like a common language

**Vocabulary**

**Font**

**Grammar**
Requirements of a common language

Vocabulary - worldwide unique

Font - commonly known and agreed

Grammar - valid across systems
Example for Traceability System in use
EPCIS and CBV The GS1 visibility standards

Tracking lots and a high amount of individuals with EPCIS-based solutions

- GS1 & ISO Standard to collect, store and provide value chain events on business level
  - Framework to track events by unique identified objects in real time
  - Defines interfaces to capture and share/query data in
    - SOAP/XML and
    - REST/JSON(-LD)
  - Version 2.0 ratified in July 2022
- Usable for industry and existing applications
  - Cross-industry Framework
  - Cross-industry and industry-specific Core Business Vocabulary available
  - Extendable by the user
- EPCIS is an extension, not an replacement for existing Enterprise Information Systems

find more information and the standards here: https://www.gs1.org/standards/epcis