GS1 – Supporting the Infrastructure for the Internet of Things

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A fully integrated global organisation, GS1 was formed in early 2005 from the joining of EAN International and the Uniform Code Council (UCC).

- More than 30 years of experience
- 108 local GS1 organisations representing all points in the supply chain
- Over 1700 professionals around the world
- Over a million companies doing business across 145 countries
- Over 20 represented sectors (FMCG, healthcare, transport, defence…)
- Over 5 billion transactions a day

GS1 is the most widely used supply chain standards system in the world.
Vision & Mission
GS1 Vision and Mission

• Our vision is a world where things and related information move efficiently and securely for the benefit of businesses and improvement of people’s lives.

• Our mission is to be the neutral leader enabling communities to develop and implement global standards.
Beliefs

• We are a **not-for-profit** organization

• We are **neutral** from the business partners

• We are **user driven and governed**

• We serve all companies, both multinationals and SMEs

• We are a **platform for collaborative agreements** between business partners

• We believe that **our people** – employees and associates – are our **most important asset**
Core Competencies

1. Global Identification System

2. Global Standards Development

3. Global Reach

4. Cross-Cultural Communication
The GS1 System: A broad portfolio
The GS1 System

An integrated system of global standards that provides for accurate identification and communication of information regarding products, assets, services and locations.
The GS1 System: A Broad Portfolio

GS1 has a full portfolio of **products**.

- **Global standards for automatic identification**
  Rapid and accurate item, asset or location identification

- **Global standards for electronic business messaging**
  Rapid, efficient & accurate business data exchange

- **The environment for global data synchronisation**
  Standardised, reliable data for effective business transactions

- **Global standards for RFID-based identification**
  More accurate, immediate and cost effective visibility of information
GS1 BarCodes

Global standards for automatic identification
Rapid and accurate item, asset or location identification

- The BarCodes and GS1 Identification System have provided benefits to consumers around the world for over thirty years
- The most widely used physical identification standard in the world
- Supported by all open trade retailers globally
- Implemented by over 1,200,000 user companies in more than 140 countries
- More than 5 billion ‘beeps’ in the check-outs each day
Global standards for electronic business messaging
Rapid efficient & accurate business data exchange

- Global standards for electronic business messaging
- Rapid, efficient and accurate automatic electronic transmission of agreed business data between trading partners all along the supply chain
- Improved efficiency and visibility in the supply chain
GS1 GDSN

The environment for global data synchronisation
Standardised, reliable data for effective business transactions

- GDSN: Global Data Synchronisation Network
- An automated, standards-based global environment that enables secure and continuous data synchronisation, allowing all partners to have consistent item data in their systems at the same time
- Standardised reliable data for effective business transactions in both global and local markets, driving costs out of the supply chain
Global standards for RFID-based identification
More accurate, immediate & cost-effective visibility of information

- A global standard system that combines radio frequency identification (RFID) technology, existing communications network infrastructure and the Electronic Product Code (a number for uniquely identifying an item)

- Immediate and automatic identification and tracking of an item through the whole supply chain

- Improved efficiency and visibility in the supply chain
Organization & Governance
Our Organisation

GS1

Global Operations
GDSN
EPCglobal

GS1 Global Office…
✓ Leads the design of Global Standards

Local GS1

Local GS1 offices…
✓ Lead the implementation in the countries

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The General Assembly, which consists of 108 GS1 Member Organizations, provides overall governance for GS1 activities.
Thanks!!!