GS1 Healthcare Provider Advisory Council Webinar

The role of data and electronic catalogues to improve patient safety

Jean-Michel DESCOUTURES, Hospital Pharmacist, IHF, Resah

July 2016

Welcome and thank you for attending!

- Welcome to our July 2016 webinar. Thank you to our guest speaker – Jean-Michel DESCOUTURES, Hospital Pharmacist, IHF, Resah

- Some housekeeping for today:
  - All attendees will be on mute
  - If you have questions during the presentation, please type them into the questions area and these will be monitored then answered at the end of the call
- After the webinar:
  - Within a week, the recording will be posted to: http://www.gs1.org/healthcare/hpac_webinars
  - All previous webinars are also posted to this location, so please feel free to use this resource and share the link

The GS1 Healthcare Provider Advisory Council (HPAC)

Thought leaders and early adopters of GS1 Healthcare Standards from the global clinical provider environment. Their final goal is to improve patient safety, cost efficiency and staff productivity through implementation of GS1 standards.
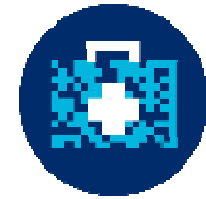
A forum for sharing and discussion

- About the practical realities of implementation of GS1 Standards in the care giving environment in regards to the impact on clinical care and patient interaction

Identification of projects and case studies

- That support the adoption of GS1 Standards in healthcare providers and retail pharmacies
- For publication, presentation and sharing

A source of expertise and advice

- To those involved in GS1 standards development, the wider Healthcare stakeholder community and senior executives/decision-makers to gain their buy-in and support for implementation of GS1 Standards

HPAC Activities

Webinars

- Monthly webinars open to all stakeholders interested in learning about GS1 standards implementation in the care giving environment.
- http://www.gs1.org/healthcare/hpac_webinars

Awards

- Twice per annum
- Provider Best Case Study Award
- Provider Recognition Award
- The prize is travel / accommodation to attend the next GS1 Healthcare conference
- http://www.gs1.org/healthcare/hpac

GS1 Healthcare also holds two global conferences per annum. Next conference in Beijing from 25-27 October 2016. There will be significant Healthcare Provider participation on the agenda.

The role of data and electronic catalogues to improve patient safety

Jean-Michel DESCOUTURES, Hospital Pharmacist

IHF, Resah

Agenda

PART 1. IHF and GS1 working together

➢ IHF opportunities for GS1

PART 2. Implementation in French hospitals : collaboration between Resah and GS1 France

➢ Overview of Resah
➢ Key project
➢ Progress report

IHF opportunities for GS1

- Use **IHF Survey** to better understand where hospitals stand on codification and exchange of data - if using different standards why not adopting GS1 standards

- Share experiences or organize live discussion through **IHF webinars**

- Increase participation in **IHF SIG** through the GPO special interest group on the benefits of mainstreamed codification and alignments with providers

- Initiate an **IHF WHITE PAPER** or contribute to a special issue of the IHF quarterly journal on the enhancing traceability for better patient safety and cost containment

- Promote participation of healthcare GS1 users to submit entries in **IHF international awards** for quality and patient safety

➢ **Overview of Resah**

➢ Key project

➢ Progress report

What is Resah ?
Réseau des Acheteurs Hospitaliers d'Ile-de-France

Resah was established in 2007 as a public, not-for-profit organization and is now one of the main key players in healthcare procurement in France
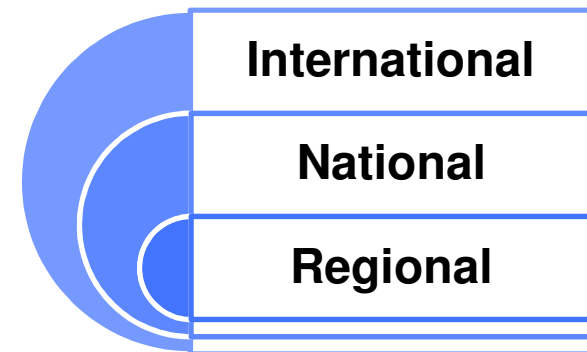
3 levels of activity

Date of creation: 2007

Members: 150

Beds: 42,000

Scope: 1.5 B €/y

International

National

Regional

Central Purchasing Body/ Joint procurement

Ressources & Expertise Center

International Hospital Federation

Resah : regional core business

▶ Funded by the Regional Health Authority of « Ile-de-France »

▶ Groups the purchases of 150 member hospitals and nursing homes

- 42,000 beds

- 1,5 billion € procurement/y

- Partnership with AP-HP (the biggest university hospital in Europe)

▶ Purchases both medical and non-medical products and services with 10 procurment segments

▶ 600 suppliers

▶ 3 500 contracts

Mission of support for the RHA to set up a policy of innovation at a regional level (products, solutions, processes, organisation, ...)
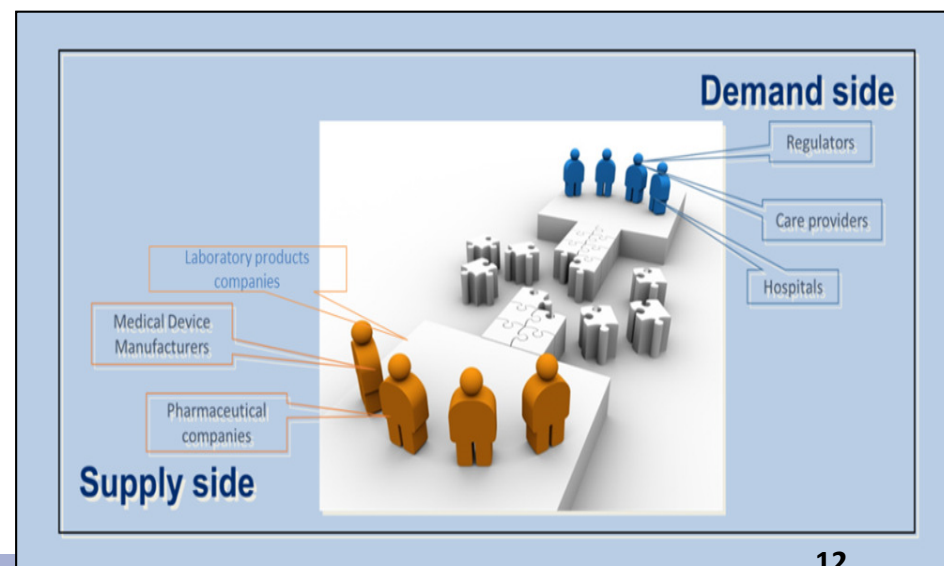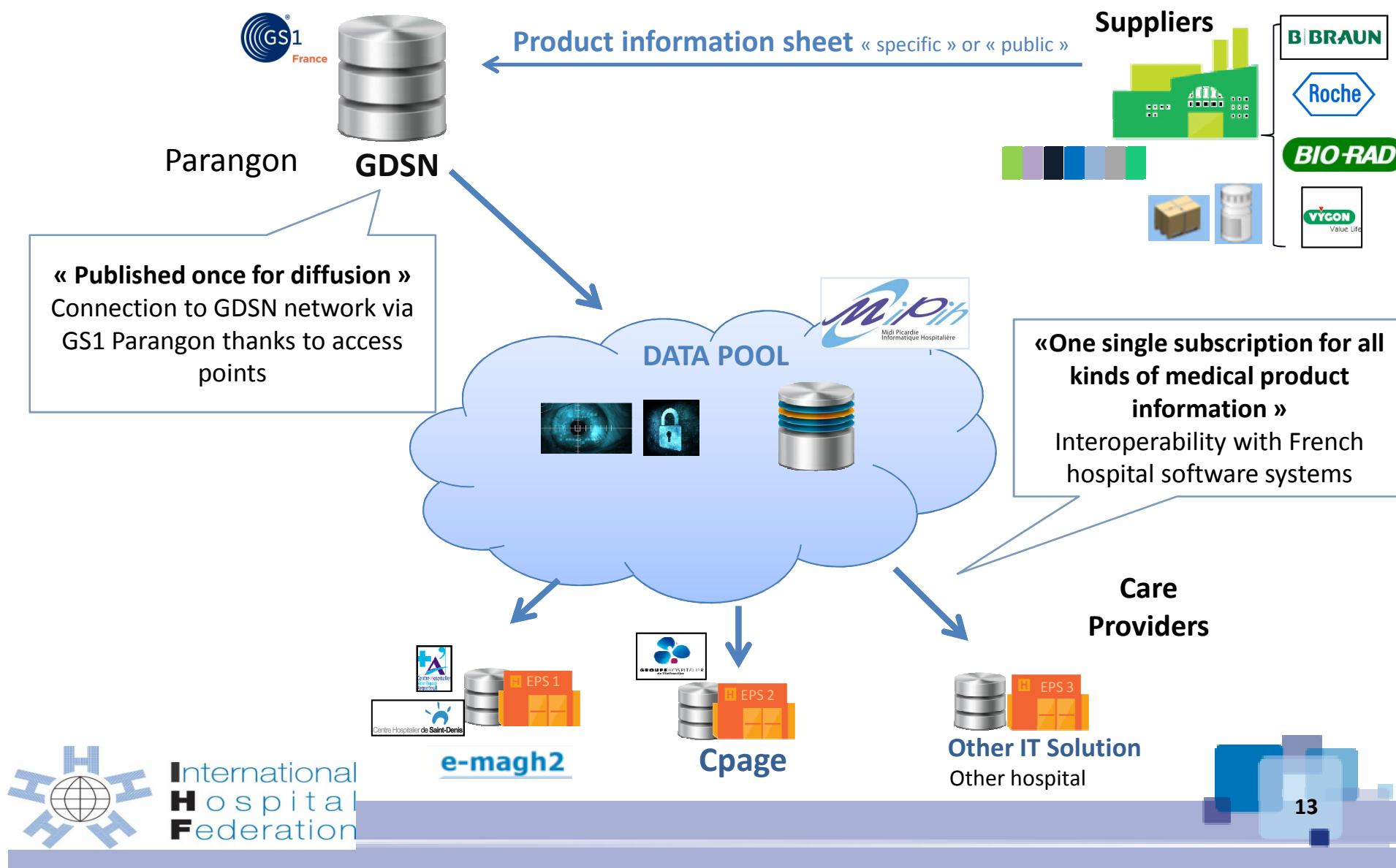
➢ Overview of Resah

➢ **Key project**

• How it works ? Exchanging master data among the different actors

• The pilot project, organisation and return of experience

➢ Progress report

Main goals of the project : implementation of an e-catalogue by exchanging master data among the different actors

➢ Provision of standardized and complete product data to French hospitals

- Gives information for clinical use of pharmaceuticals / medical devices / medical consumables
- Ensures an effective electronic procurement → continuity of supply
- Removes paper based processes (inefficient, source of error)
- Reduces supply costs linked to invoice reconciliation, credit claims, returns, refused deliveries

➢ Automatic update in hospitals information systems

➢ Consolidation and update of logistical and clinical data

➢ Quality of orders

International Hospital Federation

Demand side
Regulators
Care providers
Hospitals
Laboratory products companies
Medical Device Manufacturers
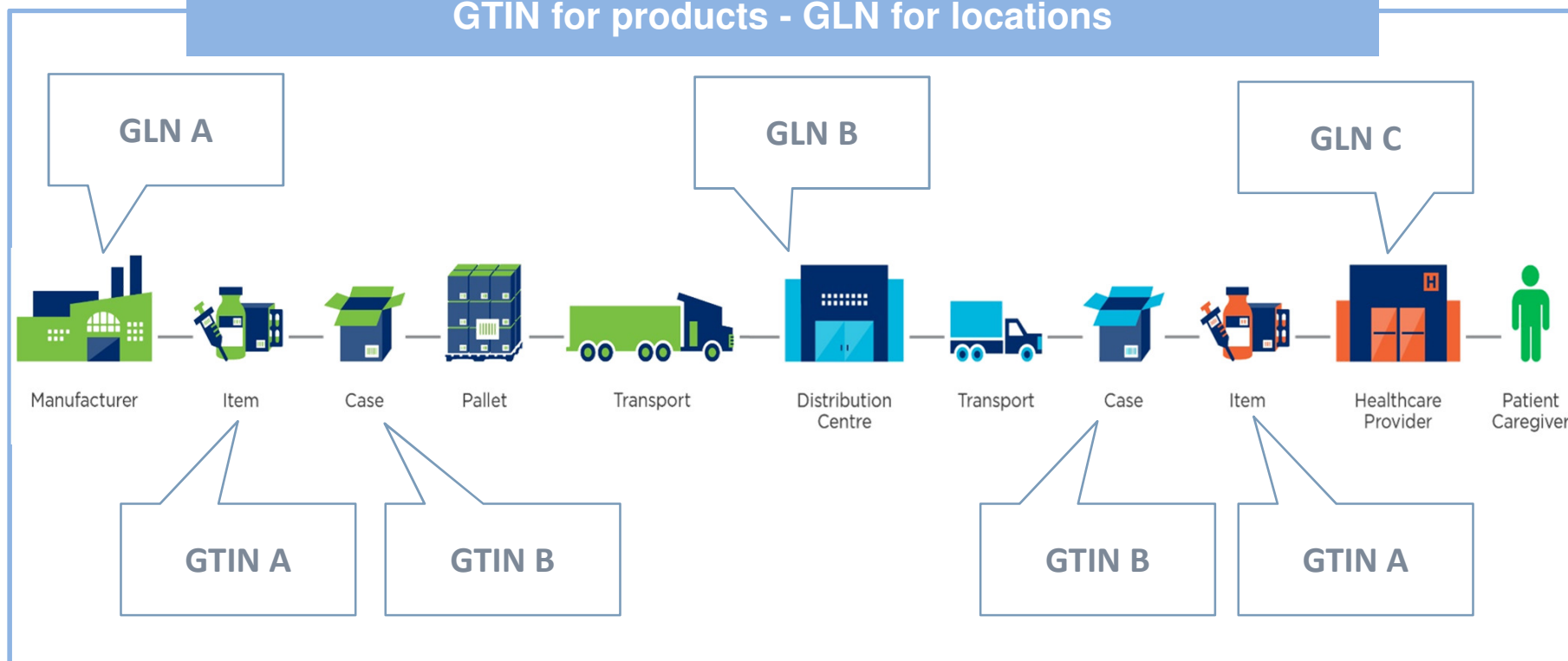Pharmaceutical companies
Supply side

To share the same language : need of one global standard
Synthetic Vision product sheets

Common standards to identify locations and products
GTIN for products - GLN for locations

GLN A

GLN B

GLN C

Manufacturer | Item | Case | Pallet | Transport | Distribution Centre | Transport | Case | Item | Healthcare Provider | Patient Caregiver

GTIN A

GTIN B

GTIN B

GTIN A

To be identified, read and shared, information needs one standard
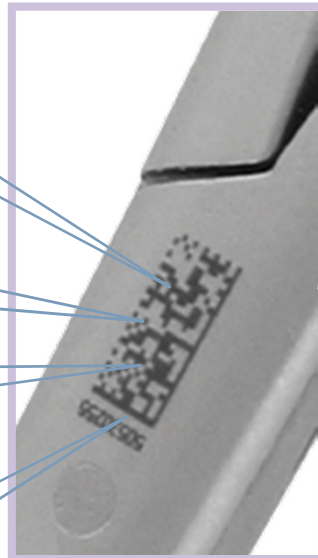## Standard symbols and standard master data

Common standards to read regulatory data

- Manufactu-ring date
- Expiry date
- Batch/serial number
- Product GTIN

Common standards to exchange master data

PRODUCT RECORD
GS1 STANDARD DATA

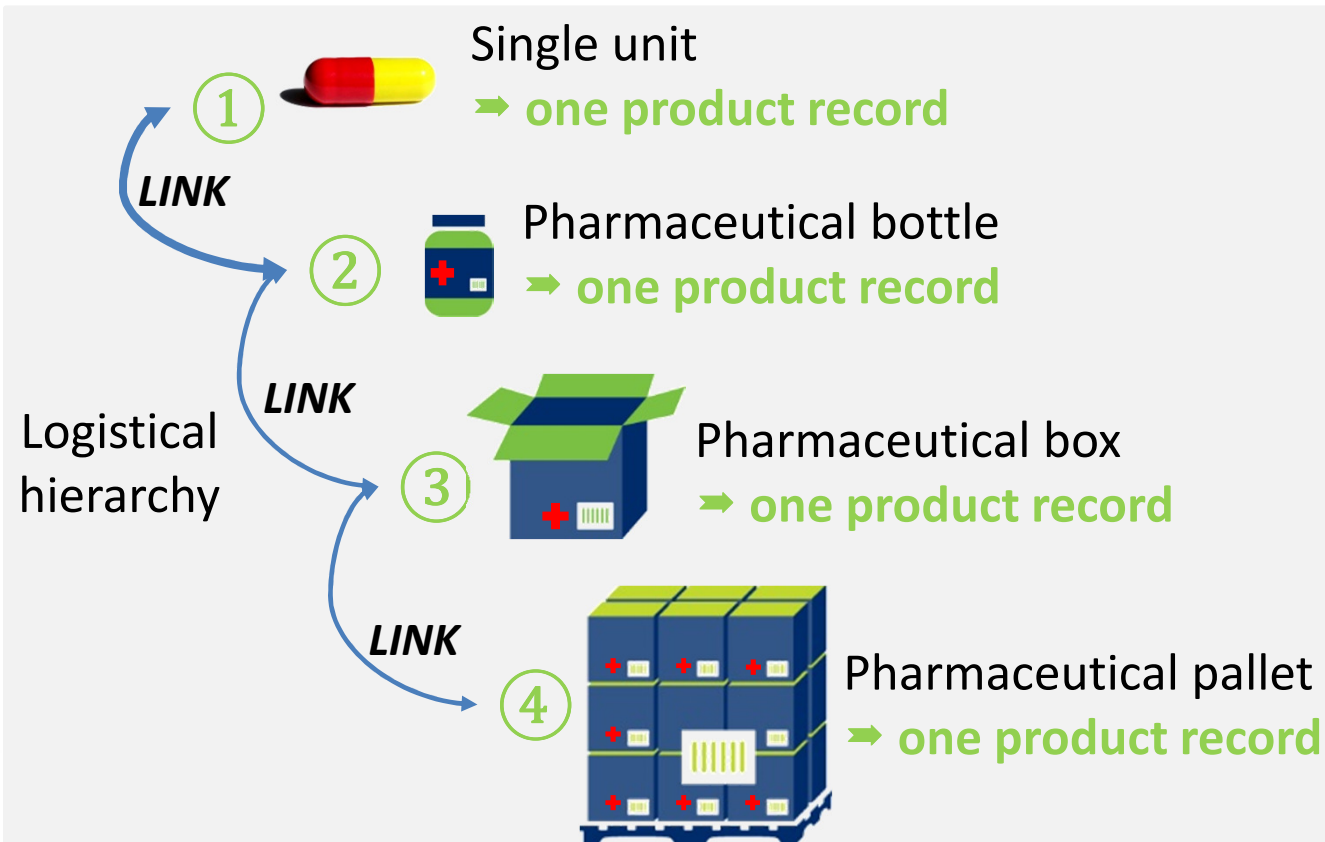Kocher forceps

- Dimensions
- GTIN
- Brand
- Target market
- Product name

Welcome to the era of #BigData
Trust information >> Patient safety

- ➤ One product record for each product (bottle, box, pallet)
- ➤ One standard product record = 35 mandatory data
- ➤ **Trust data >> best information for patient care and safety**

Single unit
① ➡ **one product record**

LINK

Pharmaceutical bottle
② ➡ **one product record**

LINK

Logistical hierarchy

Pharmaceutical box
③ ➡ **one product record**

LINK

Pharmaceutical pallet
④ ➡ **one product record**
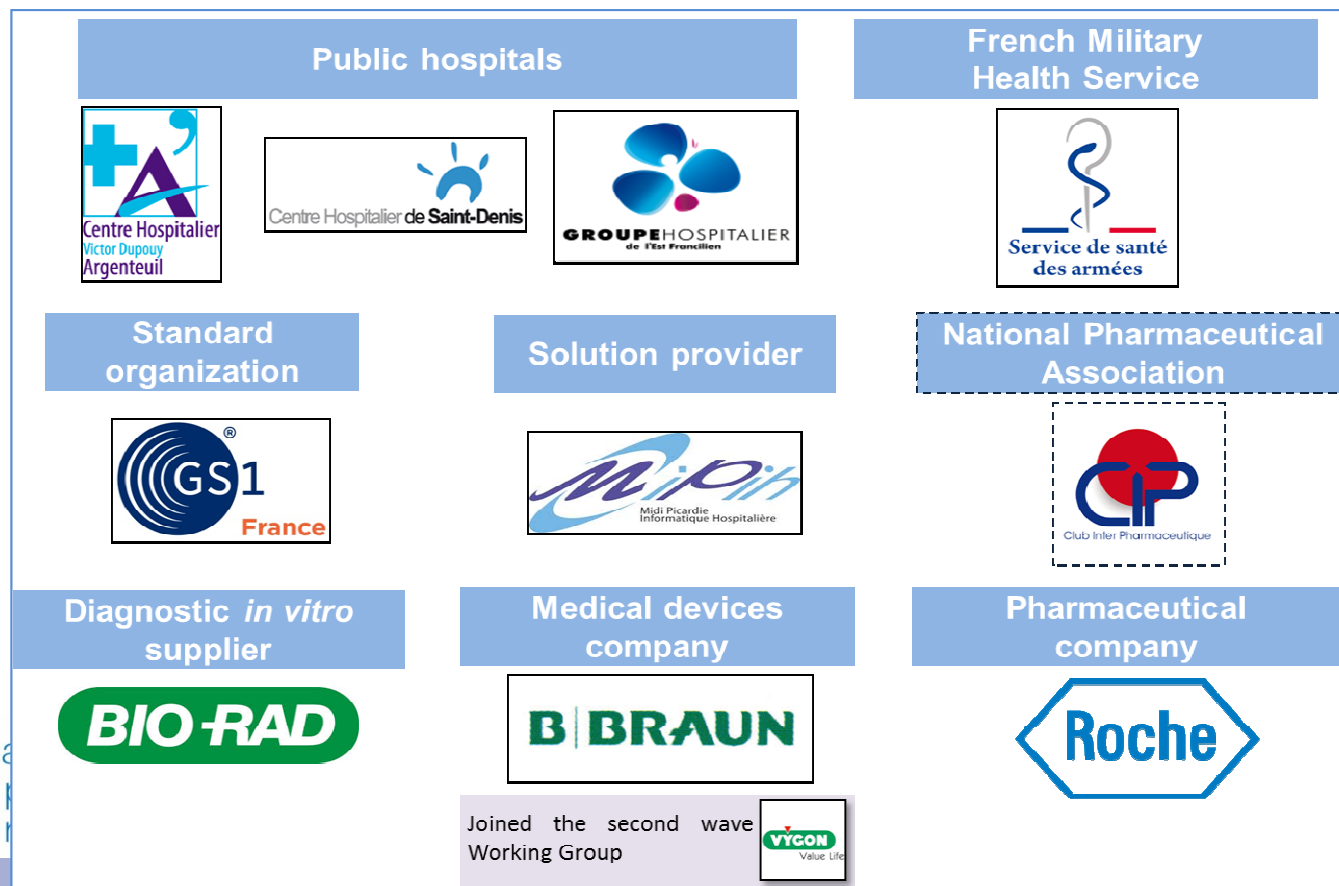
SAFETY FIRST

➢ Overview of Resah

➢ **Key project**
- How it works ? Exchanging master data among the different actors
- The pilot project, organisation and return of experience

➢ Progress report

International
Hospital
Federation

Organization of the pilot project

Why build a pilot project ?

- To evaluate the technical details of implementation for the suppliers and the healthcare providers
- To demonstrate how GS1 standards can improve and make more efficient the relationship between health institutions and suppliers

➢ Overview of Resah

➢ Key project

➢ **Progress report**

Progress Report

Current actions	Ongoing tasks

▪ Set up a pilot with different types of **healthcare products**
 	
▪ Set up an action plan for each stakeholder **to collect data**
 	
▪ Definition of a globally approved **list of trade item description** (mandatory and optional attributes)
 	
▪ **Mapping** of the trade item description list and GS1 standards
 	
▪ Definition of a **test scenario**
 	
▪ Get a **trade item description for healthcare products** with 3 data : Basic e-procurement information, Clinical and supply information and UDI compliance
 	
▪ Test phase between a supplier and a healthcare provider
	• **Maintain the test with hospitals**
	  o Plan the test phase
	  o Evaluate the deviations between expected and actual
	  o Implement the corrective actions
	
	• **Leverage more suppliers** (Multinational companies and SMEs)

Thinking beyond UDI regulators' needs

➢ Once actors speak the same language, we can prepare the future of global exchanges: sharing essential master data through the Global Data Synchronisation Network, maintained globally by GS1 AISBL.

➢ The GDSN network enables healthcare actors to share **RELIABLE, UPDATED and STRUCTURED** product information

Contact us !

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