

Winner of The April 2018 GS1 Healthcare Provider Recognition Award



Mrs Véronique Jost,
Hospital Pharmacist



University Hospital of Dijon, France



The Use of GS1 Standards from Reception Platform to Care Room

Bogota – April 2018

Who is Véronique Jost ?

- Véronique Jost
 - Hospital pharmacist
- Pharmacist in Dijon University Hospital
 - The Pharmacy is located on 2 sites :
 - 1st site in a new building, for clinical pharmacy, and technical pharmacy
 - 2nd site in Hospital Supply Platform (HSP), next to the general store room, for storage (pharmaceuticals and sterile medical devices)

- **CHU Dijon-Bourgogne**

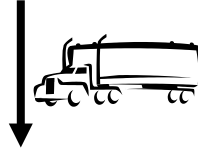
- About 1750 beds including 280 beds for dependent elderly people, involving all medical specialties
- New building for Medicine/Surgery/Obstetrics, opened in 2010 as part of a goal to close the former hospital (since 1204), in 2015.

- **New Building – New Logistics**

- Lifts
- Automated Transport : AutoGuided Vehicles, pneumatic delivery, suitcase-on-rail delivery system
- The Hospital Supply Platform is within 10 min walking distance of Care Units equipped with a Warehouse Management System (WMS), using GS1 standards (GTIN, SSCC, GRAI, GLN)
- Set up of logistic traceability between the HSP and Care Units

CHU of Dijon Supply Chain

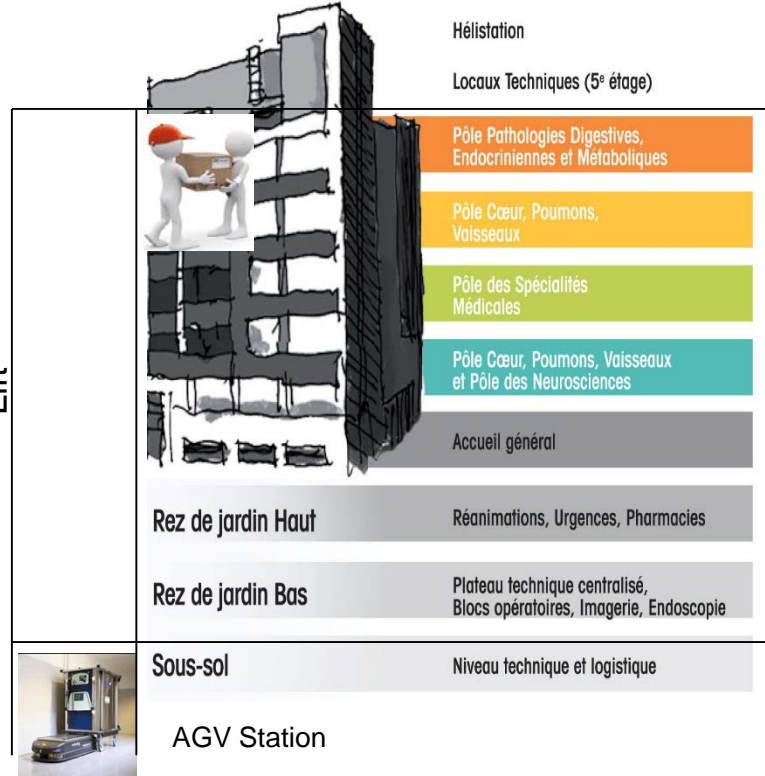
HSP - Hospital Supply Platform



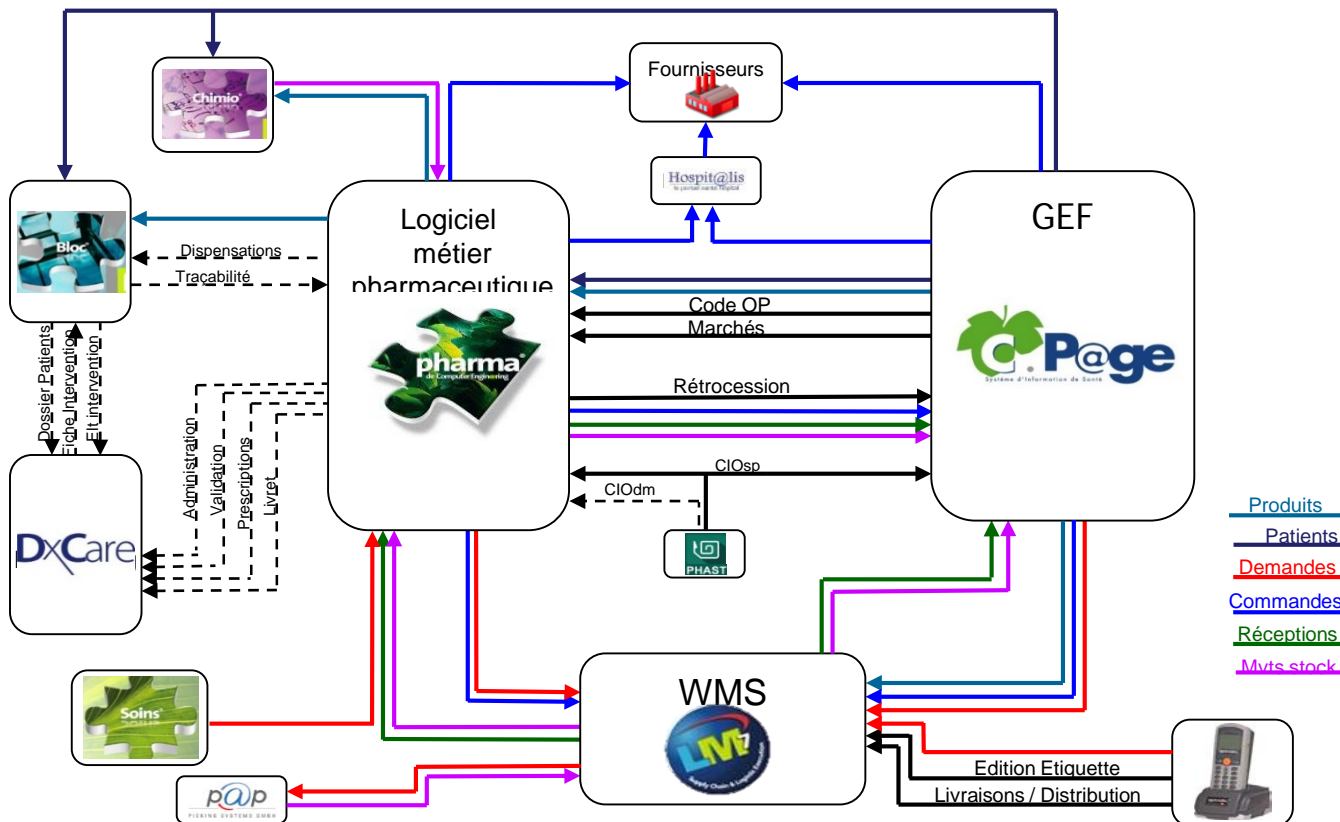
Hôpital F. Mitterrand



Lift



Hospital Supply Platform



How do we identify Care Units

Global Location Number

For delivery on the
correct **F**loor



For delivery in the final **R**oom



What is used in Care Units

Global Trade Item Number



On the Hospital Supply Platform

Global Returnable Asset Identifier

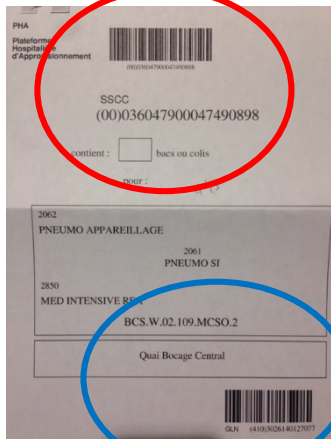


On the Hospital Supply Platform

Serial Shipping Container Code

GLN (F)

GLN (R)



Steps and Difficulties

- Project carried out by the logistic engineer (F. Bisch) as part of the general reorganisation of the Hospital
- Integration of Pharmacy in the project: profound cultural change
 - Separation of the logistics process versus the clinical process
 - Splitting of pharmaceutical storage (clinically or administratively tracked products versus ordinary products)
 - Upheaval of storage habits
 - From « by pharmaceutical form » and alphabetical order
 - To « by volume » and « by turnover »
 - Warehouse Management System use
 - Logistics traceability set up, versus sanitary traceability, versus financial traceability

Challenges

- Strong resistance to change with fellow pharmacists
- Failure of the general management for project management and communication
- Organisational chart of the project unclear:
 - Who does what?
 - Who decides what?
- Transition from project phase to operational phase unclear
 - => No opening ceremony!
- Starting from scratch, inexperienced staff
- In 2009, no unique-coding for pharmaceutical products in France

Yet...

- The project team was small but united, motivated and available
 - Strong sense of duty to succeed
- Stabilisation in 2010/2011

- Status quo for 5 to 7 years in the Hospital Supply Platform (HSP)
- Collaborative work at GS1 France to continue and prepare for future developments
 - Drafting of a document to assist with the acquisition of a WMS in the hospital sector*
 - Drafting of a document on the contribution of GS1 standards in drug management and medical devices*
 - Preparation for the arrival of the serialisation of drug packaging for 2019*

* available on GS1 France website

With Suppliers

- Interactive catalog of products using correct standards, kept up to date by every supplier
- De-materialisation between order and receipt : DESADV
- Integration of reception data into our WMS
- Identification of each Logistics Unit according to the correct standards

At the Hospital, the pharmacy and in the care units

- Identification of each dose or unit (pharmaceutical or medical device)
 - Depending on when suppliers will be able to do it
- Traceability of administration or use by registration
 - Patient
 - Health professional
 - Product (+ batch + expiry date)
 - Check with the prescription.

In 2018/2019, **purchase of an automaton** to

- Prepare and identify drug doses
- Separate drug doses per patient

Et voila...

The new « BAR-code » made in Burgundy!

