TRACEABILITY

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Tracking of containers with sterile products

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GEOGRAPHICAL AREA:
- Bocage Hospital
- CSSD (Clean area)
- 2 Surgery theatre

Bloc HE
- 3 GLN for traceability

CSSD
- 2 GLN for traceability

Bloc HB
- 2 GLN for traceability
ENVIRONMENT

- PRODUCTS:
  - Containers for transportation of surgical materials

30 containers GRAI
DESCRIPTION OF PHYSICAL FLOWS

- From GLN CSSD to GLN OR:

**GLN CSSD (Exit door)**

- Automatic data capture (RFID)
- **START** GRAI (container) : GRAI/GLN + time & date
- Green Address of destination with barcoded GLN

**GLN « OR X » (Enter/Exit door)**

- Automatic data capture (RFID)
- **ARRIVAL** GRAI (container) : GRAI/GLN + time & date
- Barcode scan; check GLN destination ⇓ GLN location
DESCRIPTION OF PHYSICAL FLOWS

From GLN OR to GLN CSSD:

- Automatic data capture (RFID)
  
START GRAI (container) : GRAI/GLN
  + time & date

- Red Address of destination with barcoded GLN

- Automatic data capture (RFID)
  
ARRIVAL GRAI (container) : GRAI/GLN
  + time & date

- Barcode scan; check GLN destination ⇔ GLN location
BENEFITS

Pilot demonstrates:

- Full and precise traceability of transportations
- Easy positionning of containers (GRAI / GLN)
- Turnover of containers enhanced
- Registration of movements at GLN
- Monitoring maintenance (count of utilisations)
ABOUT « RFID / Barcodes »

- RFID & Barcodes => complete each other:
  - RFID -> automatic / transparent data capture
  - Barcode enrich control, i.e. check adequate location, porters involved
IT environment

- Data centralised:
  - By using LAN (already existing)
INFORMATION

- Stored information:
  - GRAI of container
  - Date & time of data capture
  - GLN Destination (green Address)
  - GLN location (Barcode on the door)
  - Number of rotations
  - Option: GSRN porters
SUCCESS KEYS

- Educating users and staff:
  - Sed technologies (RFID, Barcodes)
  - No danger for individuals
  - Benefits of the project, barriers
  - Concrete examples of successful projects run by CHRONO INDUSTRIE
  - Demonstration of RFID & Barcode tools
ANNEX:

- RFID Data capture locations (antennas)

Way out CSSD

Way in CSSD

OR