

Traceability in French Hospital at Dijon.



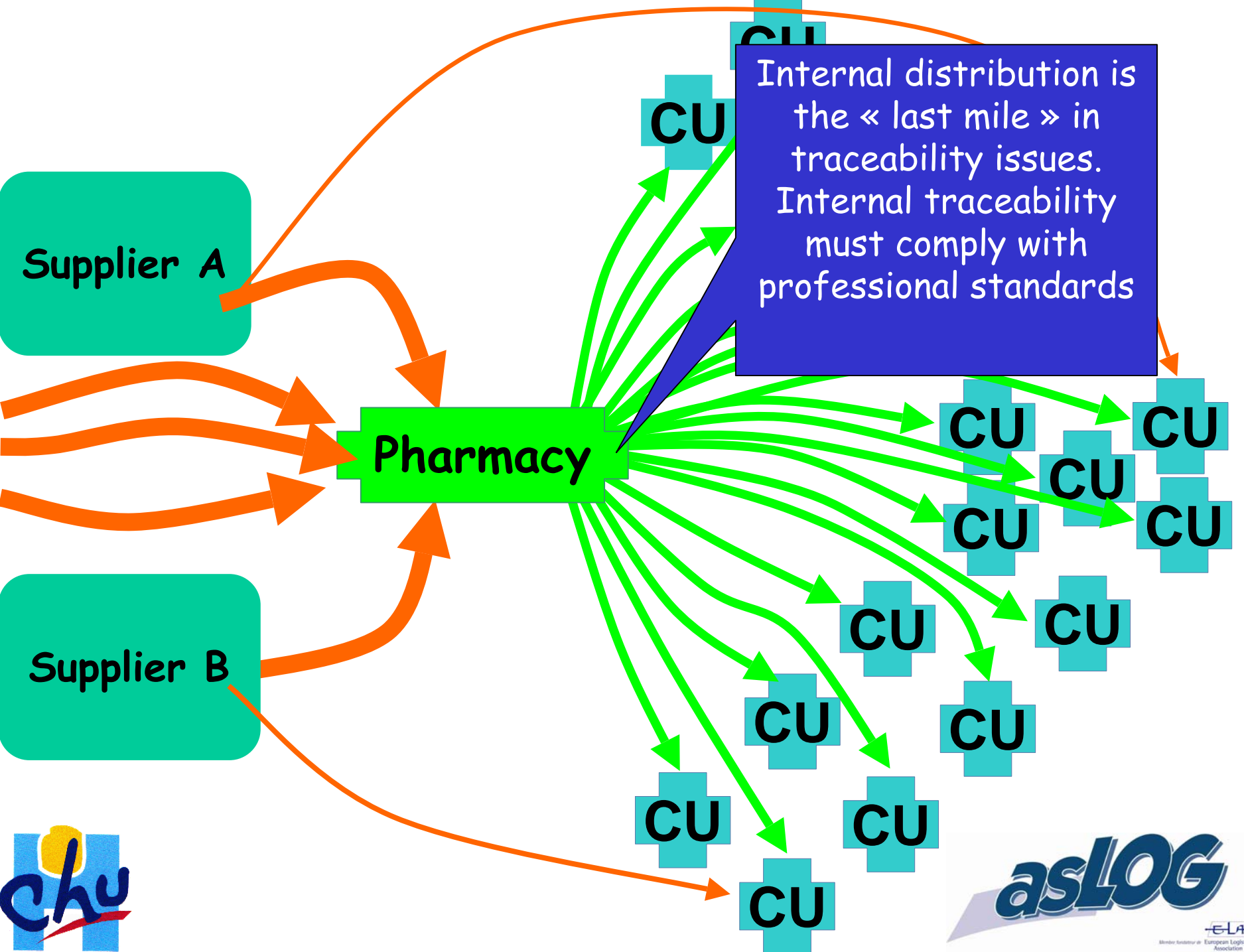
Regional & University Hospital at Dijon in few figures :

- 455 600 days of patient's care (2004)
- 610 838 « external » consultations (2004)
- 21 131 surgical operations (2004)
- 6 455 medical emergency missions (2004)
- 4 669 employees (ex MD) (2004)
- 1 242 medical doctors (2004)
- 1 638 beds (2004)
- 14 hectares of burgundy wine yards



Why logistics in a hospital ?





Internal distribution is the « last mile » in traceability issues. Internal traceability must comply with professional standards

Supplier A

Pharmacy

CU

CU

CU

CU

CU

CU

CU

CU

CU

CU

CU

CU

CU



KEY FLOWS

Patient's records

Samples

Blood

Drugs

Sterile devices

Other medical devices

Surgical instruments

Surgical instruments

Food

Back dishes

Clean Linen

Dirty Linen

Hotel & Office Stationnery

er

st

Post

As many « norms » as material flows !

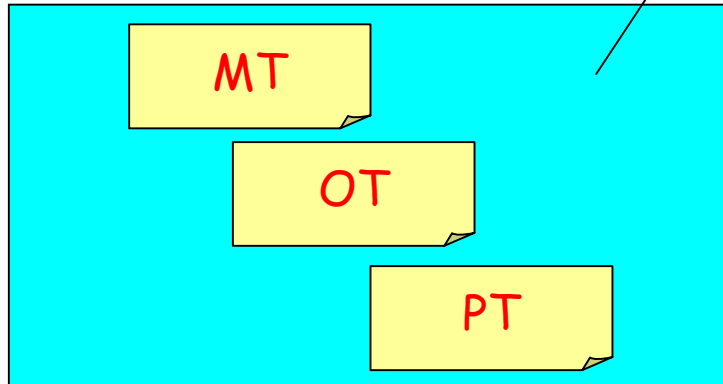


Reduce the variety of norms to their minimum !

Simplification is natural for boxes and pallets;
How to make it simple for
Traceability ?

BASIC PROCESS UNIT

RAW MATERIALS



Example
Instrument
Sterilization
Pharmaceutical
Preparations

PRODUCTS

Basic data :
Origin
Batch Nr
Serial Nr
Expiry date

For instance:
Process timing
Temperatures
Equipments
Technicians
Pharmacists

Basic data :
Batch nr
Serial nr
Best before
date

MT

MATERIALS TRACEABILITY

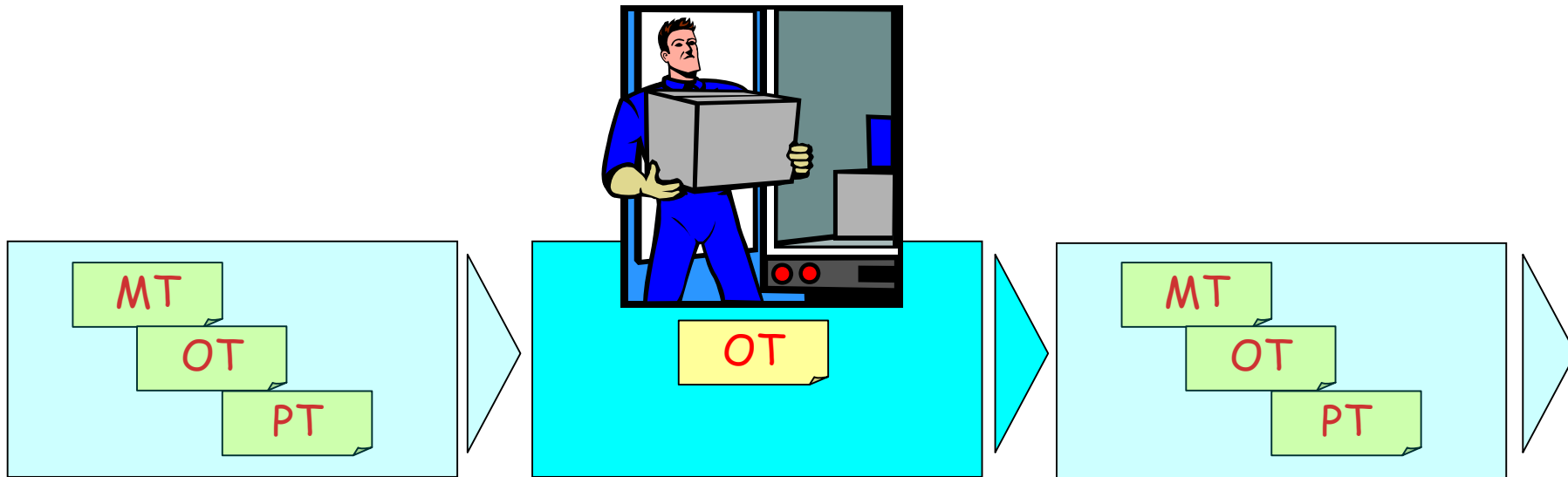
OT

OPERATIONS TRACEABILITY

PT

PRODUCTS TRACEABILITY

Sequence of processes: Specificity of the transportation process

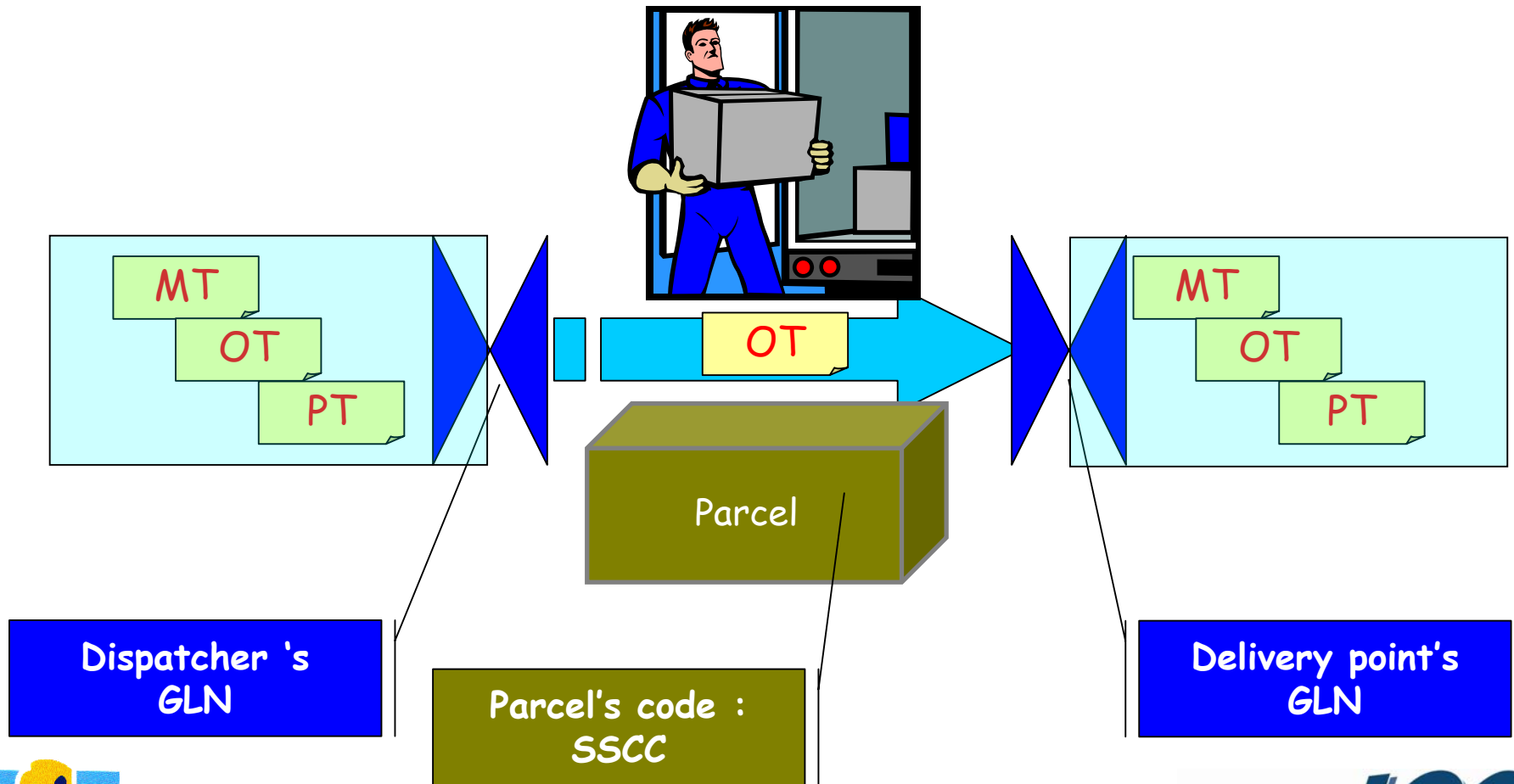


Transportation :

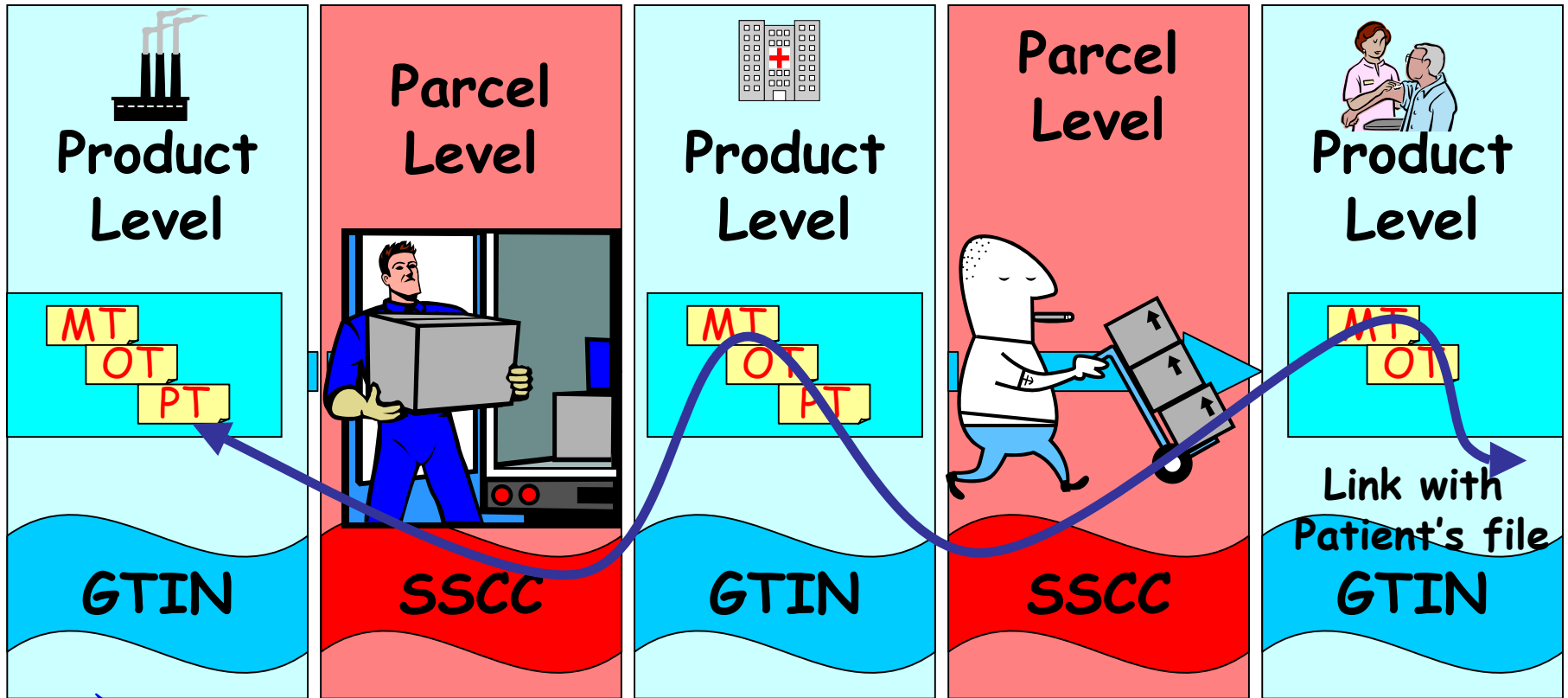
= process without product transformations

Data about basic product remain unchanged

Traceability of operations: Specificity of the transportation operations



Data about product traceability to be kept available throughout the chain

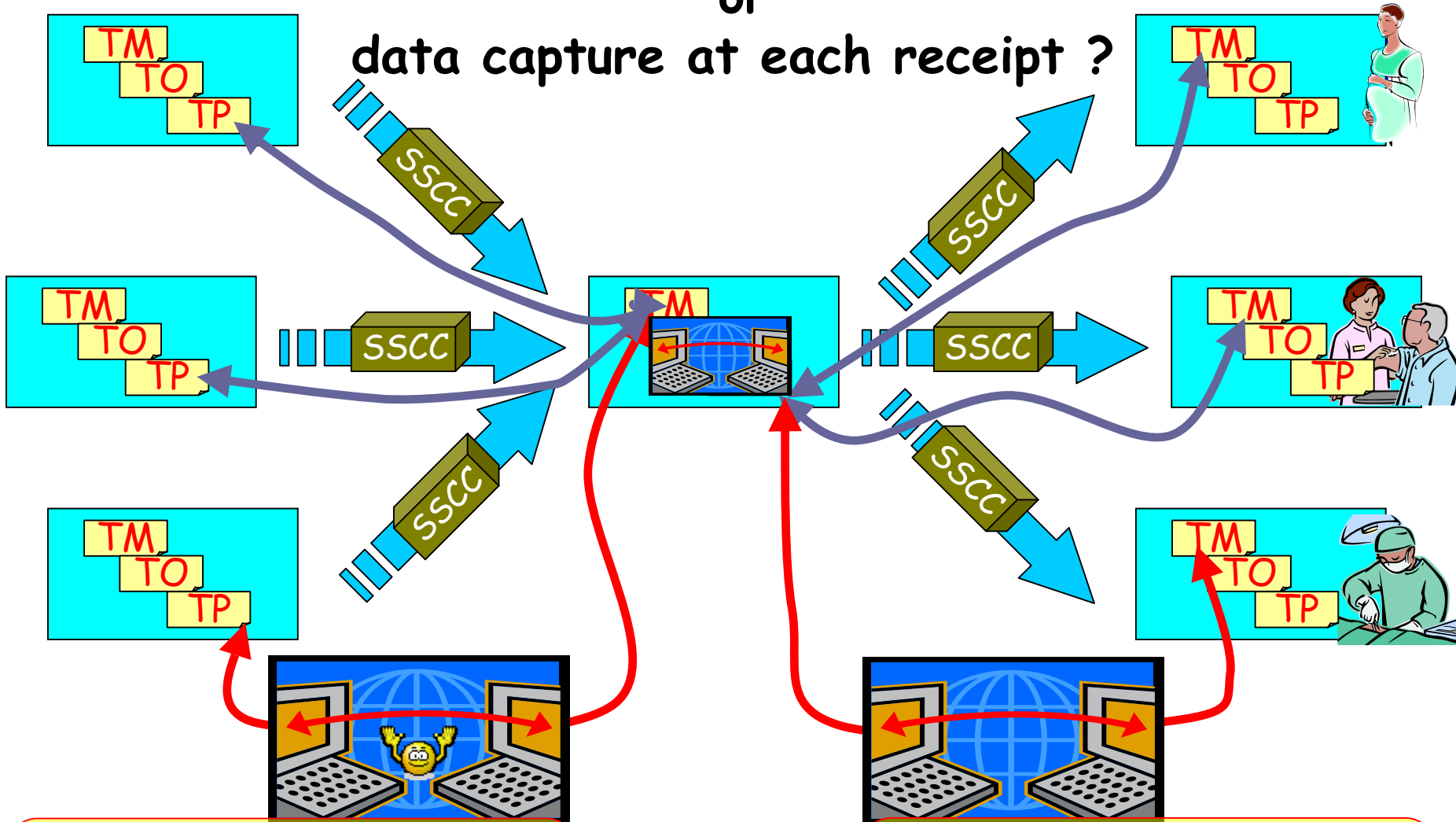


Batch nr
Serial nr
Best before or
Expiry date

Batch nr
Serial nr
Best before or
Expiration date

Batch nr
Serial nr
Best before or
Expiration date

Data about product traceability transmitted or data capture at each receipt ?



Despatch Advise

(DESADV)

Batch nr, serial nr, dates, etc.
of sent products by parcel nr SSCC

Despatch Advise

(DESADV)

Batch nr, serial nr, dates, etc.
of sent products by parcel nr SSCC

Practical application :



GSRN :
Staff member

GTIN +
Serial Nr

GLN :
Dispatch pt

GRAI:
Container

2004/ 5/25
GLN :
Destination

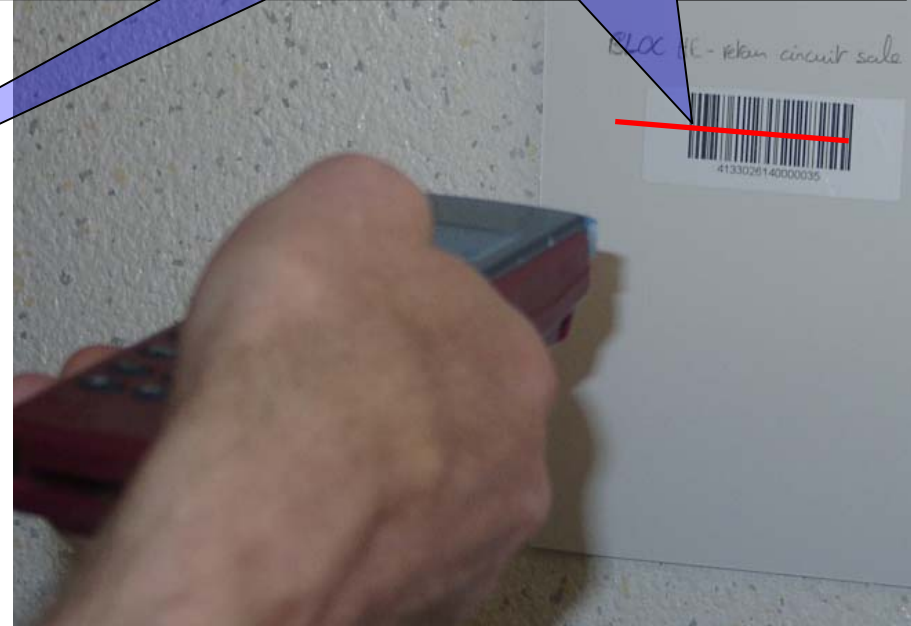


2004/ 5/25

2004/ 5/25



GRAI: <i>Container</i>	GSRN : <i>Staff member</i>	GLN : <i>Collect pt</i>	Ship to GLN	GLN: <i>Arrival pt</i>
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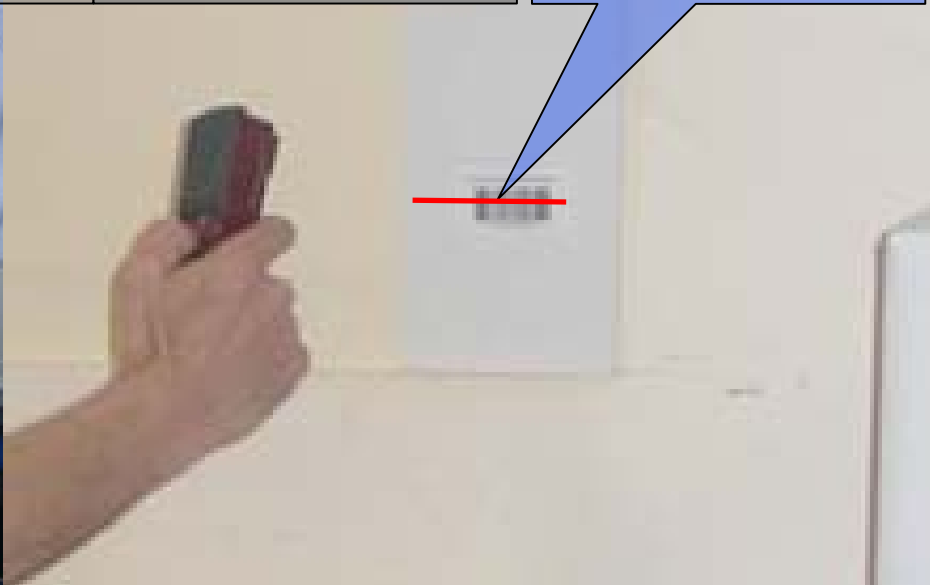


GRAI:
Stretcher

GSRN :
Stretcher Bearer

GSRN :
Patient episode

GLN:
Arrival pt



An aerial photograph of a city, likely Dijon, France. The image shows a dense urban area with a mix of brick and stone buildings. A prominent feature is a large, light-colored church with a tall, blue-tiled spire. The church is situated on a hillside, and the surrounding area is filled with residential and commercial buildings. The overall scene is a typical European cityscape.

Questions ?

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