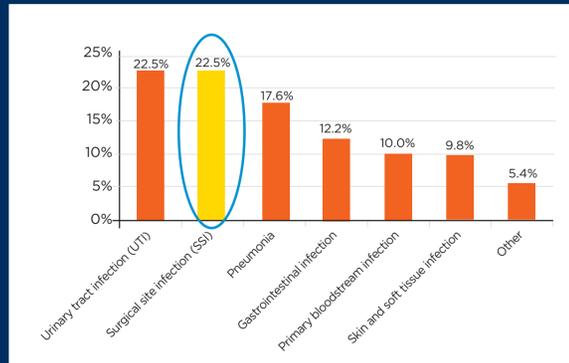


“Our collaboration with GS1 Ireland and the use of GS1 standards has helped us realise a world class electronic traceability solution for a number of HSE and HSE Funded Central Decontamination and Endoscopy Reprocessing Units”
Pauline Biggane, HSE

The Challenges

- Hospital Acquired Infections



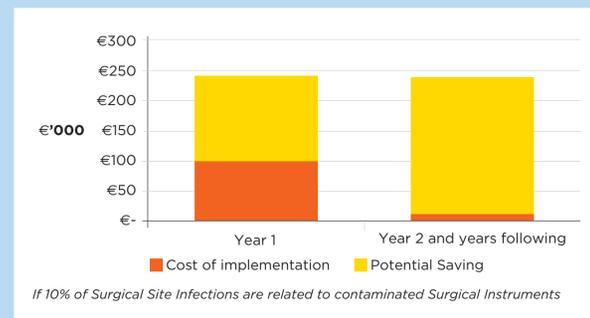
- Loan instrument sets
- Economic Pressure

National Guidelines

HSE Standards and Recommended Practices for Central Decontamination Units and Endoscope Reprocessing Units require:

- A link to Patients
- Records of cleaning and disinfection cycles
- Instruments should be marked with GS1 barcodes

Potential Cost Savings



Safer Surgery Saves Lives



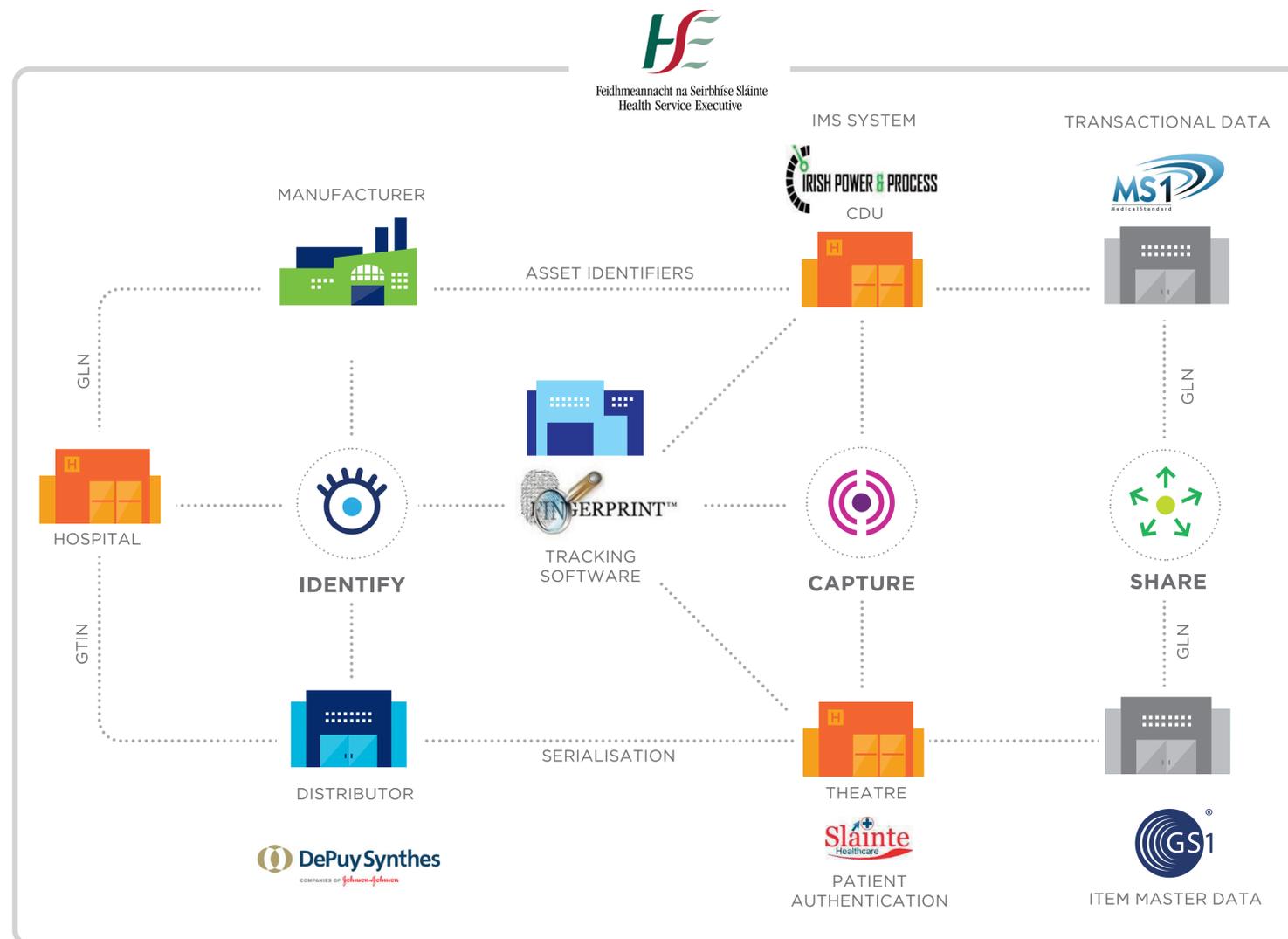
GS1 Identification and Barcode Standards deployed in the Irish Health Service Executive's (HSE) Central Decontamination Units (CDUs).

The Health Service Executive (HSE) is the government agency responsible for the provision of public healthcare services for everyone living in Ireland. The HSE requires that all surgical instrument trays and endoscopes are identified using GS1 Standards to enable stakeholders to track and trace the trays throughout the supply chain.



The GS1 enabled solution

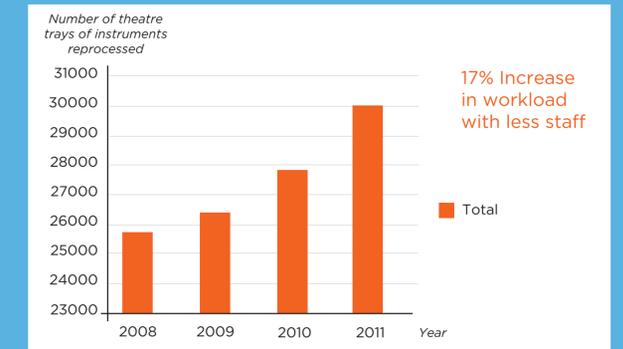
- Each instrument tray is labelled with a GS1 Identifier
- Contents of the tray are logged in the system and linked to the GS1 Identifier
- CDU staff scan instrument tray at each step in the cycle
- Commercially loaned instrument trays are also easily traced using the HSE solution
- The GS1 Identifier on the instrument tray is linked to the patient in theatre



Key Patient Safety and Efficiency Benefits

- Robust traceability (links patient to the instrument set and the decontamination process)
- Easier and safer to share loan instrument trays
- Effective Patient recall management
- Instrument sets can be located quickly
- Warnings provided if a step is skipped
- Improved workflow, communication and reporting
- Inventory visibility available in real time
- Reduction in administrative paper work

Example of the efficiency achieved in one hospital



The Future for increased Patient Safety

- The solution is currently being rolled out to an additional 30 Hospitals
- Loan set providers are being encouraged to join the programme
- GS1 Ireland is working with Private hospitals to join the programme
- Further phases will involve single instrument marking
- Solution supports shared services model and formation of Hospital Groups

Call to Action:

All stakeholders in healthcare benefit when manufacturers apply the GS1 Identifier at point of manufacture. DePuy Synthes is the first manufacturer to mark their loaned tray sets at source to guarantee traceability from manufacturing site right through to the patient record.