

Global GS1 Healthcare Conference

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Agenda

- Serialization Benefits
- Identification Systems
- Aggregation – Logistics Labels
- Manual Solution
- Serialization Building Blocks
- Automated Solution
 - IT Infrastructure
 - Carton Coding
 - Bundling – Case packing
 - Video
- Main Partners
- Key Success Factors
- Challenges / Next Steps



Serialization Benefits

- Detect counterfeit and stolen products
- Prevent products from re-entering the distribution channel
- Control the Supply Chain
- Ensure preservation, authenticity, integrity and quality of the product
- Generate audit information
- Improve productivity of the Supply Chain
- Facilitate product recall
- Provide real time track & trace information



Identification Systems



Manual (Phase I)

- Pre-printed labels
- 1 Dimensional Barcode
- GS1 Databar
- “Scratch off” ID code
- Human readable data
 - GTIN
 - Serial Number

Manual (Phase II)

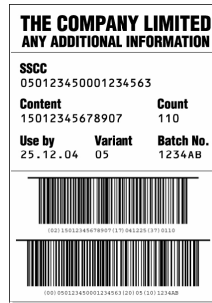
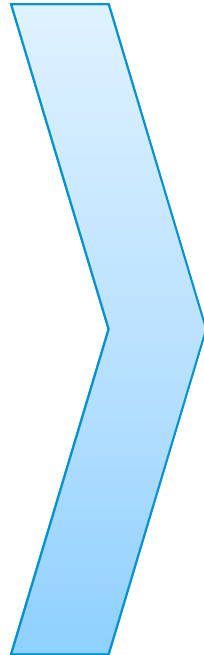
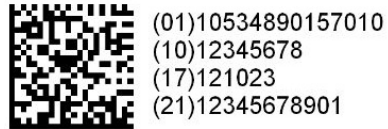
- On-site printed labels
- 2 Dimensional Barcode
- GS1 DataMatrix
- Human readable data
 - GTIN
 - Serial Number
 - Expiration Date
 - Batch/Lot Number

Automated

- Direct Printing
- 2 Dimensional Barcode
- GS1 DataMatrix
- Human readable data
 - GTIN
 - Serial Number
 - Expiration Date
 - Batch/Lot Number

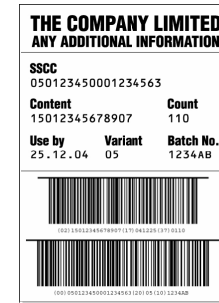
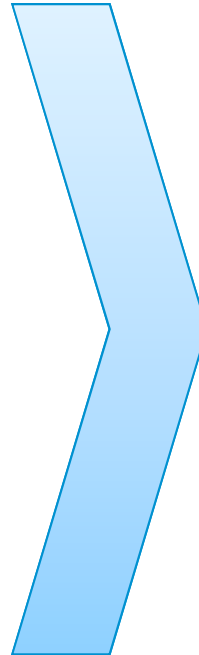


Aggregation - Logistics Labels



SSCC

- Product
- Lot/Batch
- GTIN
- Expiration Date
- Units



SSCC

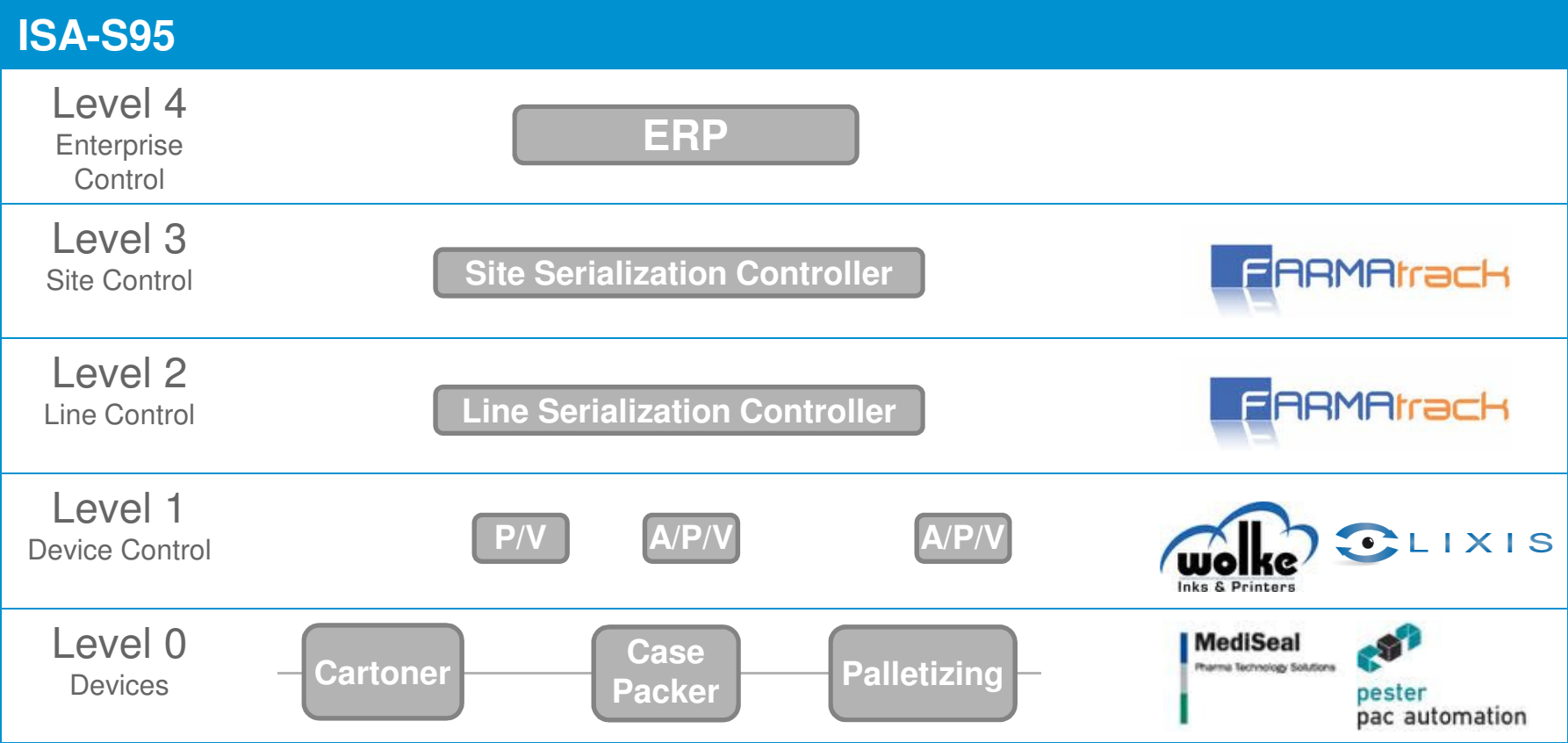
- Product
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- GTIN
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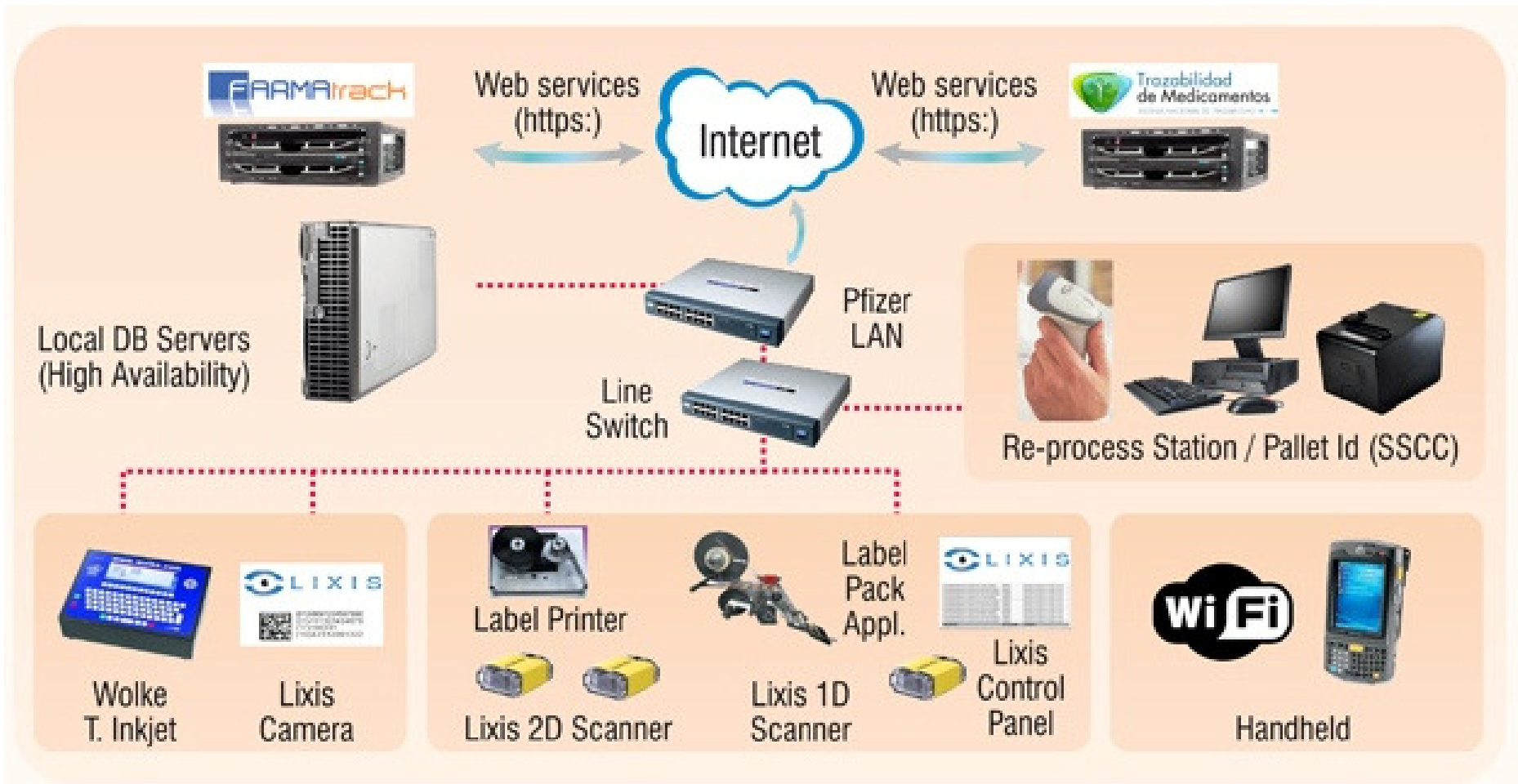
Manual Solution



Serialization Building Blocks

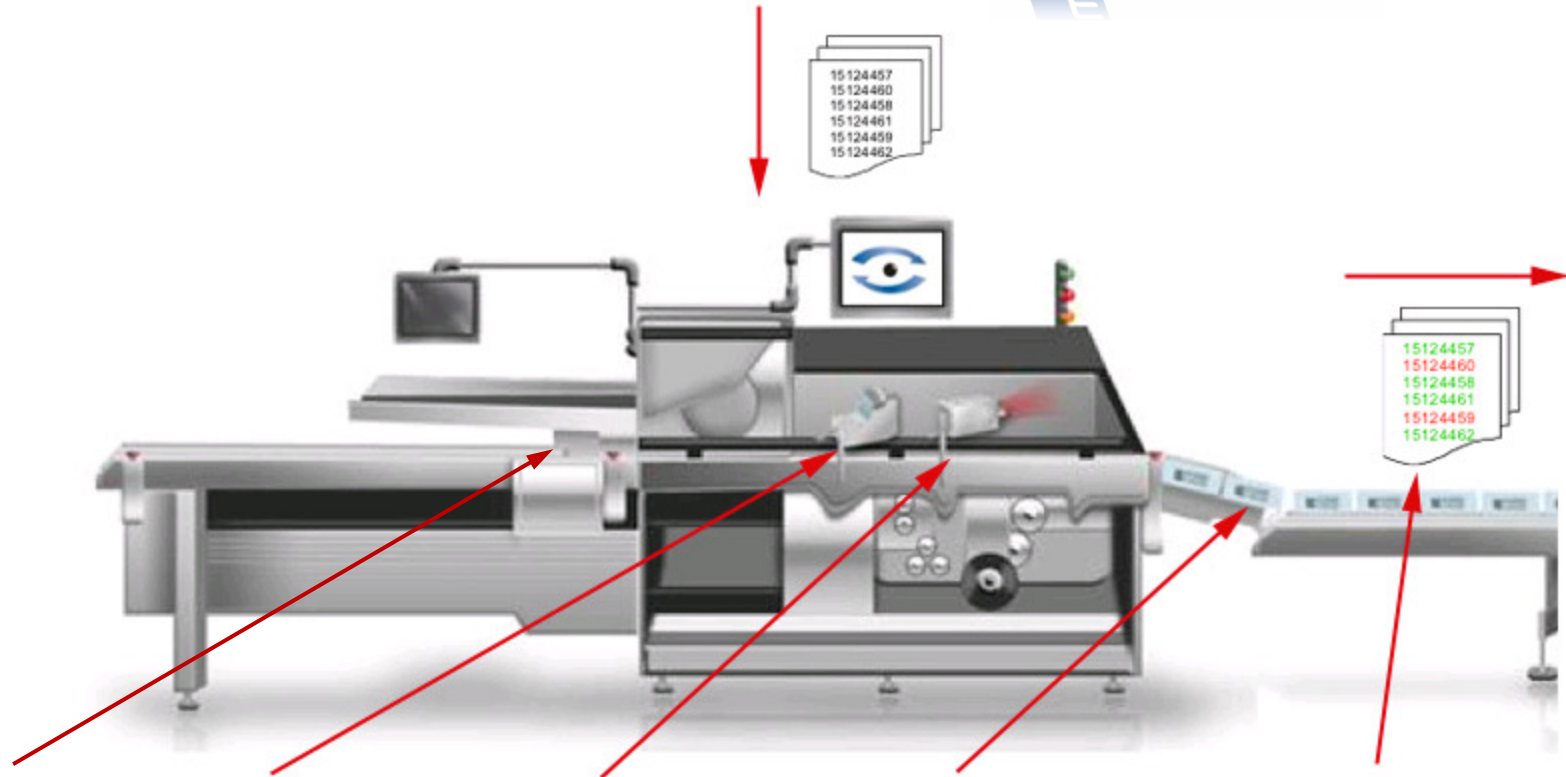


Automated Solution IT Infrastructure



Automated Solution Carton Coding

Traceability System



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Printing

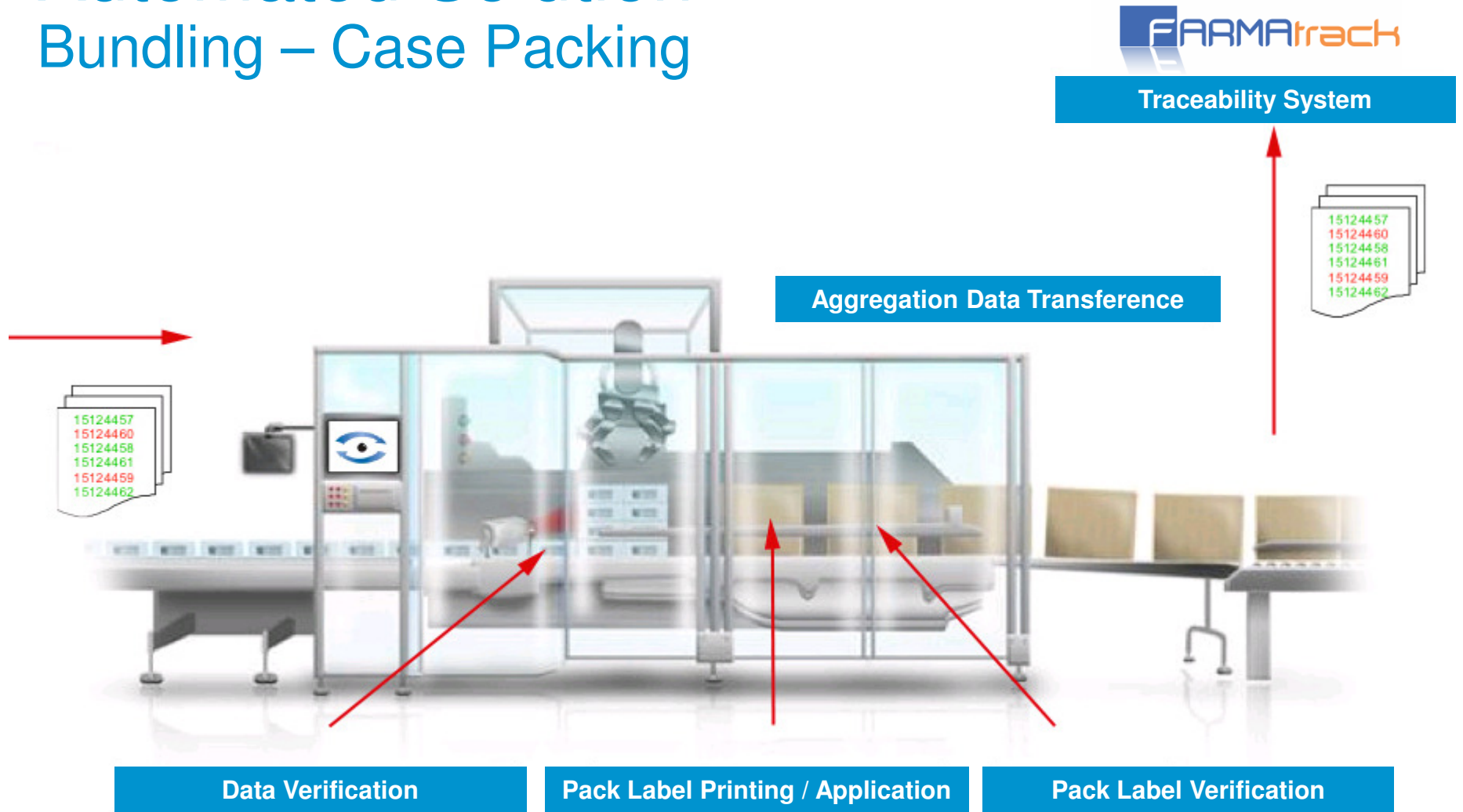
Verification

Rejection

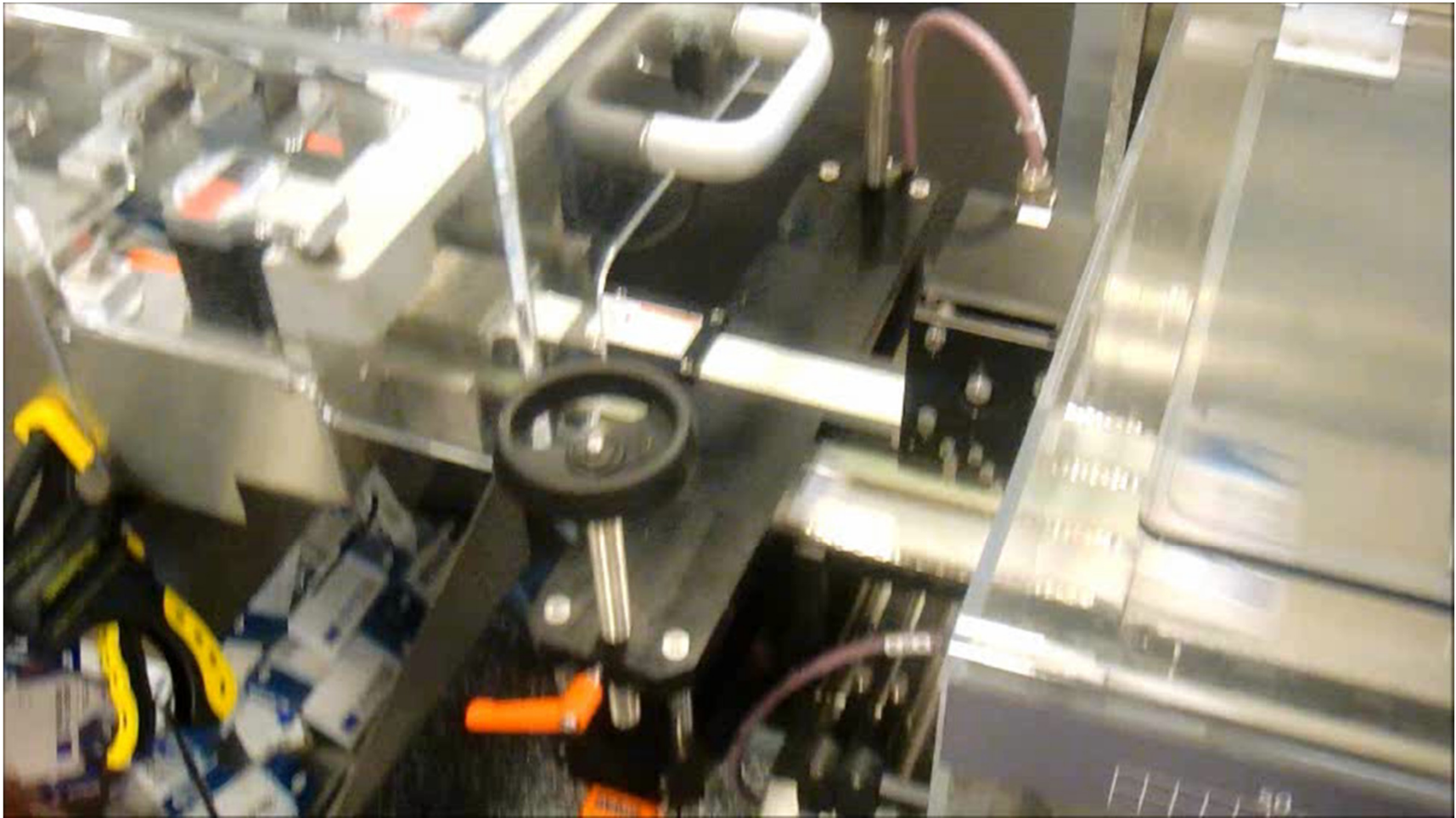
Data Transference



Automated Solution Bundling – Case Packing



Automated Solution



Main Partners



- Standards provisioning
- Codification validation



- Printing control
- Data verification (OCV/OCR)
- Secondary packaging control



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- Serial number provisioning
- Regulatory agency interface
- Logistic Service Providers Interfaces



Key Success Factors

- Multidisciplinary team
 - Logistics + Regulatory + Engineering
 - Manufacturing + TS + Quality + IT
- Partnership with local vendors
- Corporate Serialization Team guidance
- Flexible solution to operate in different sites
 - Manufacturing facility
 - LSPs
- Easy deployment (Software as a Service)



Challenges / Next steps

- Keep packaging lines rejection rate under control
- Continue roll out on automatic packaging lines
- Identification from the source (Imported products)
- Integration with Global Core Solution (SAP Auto-ID)
- RFID technology assessment
- Data standardization throughout the Supply Chain



Thank You!

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