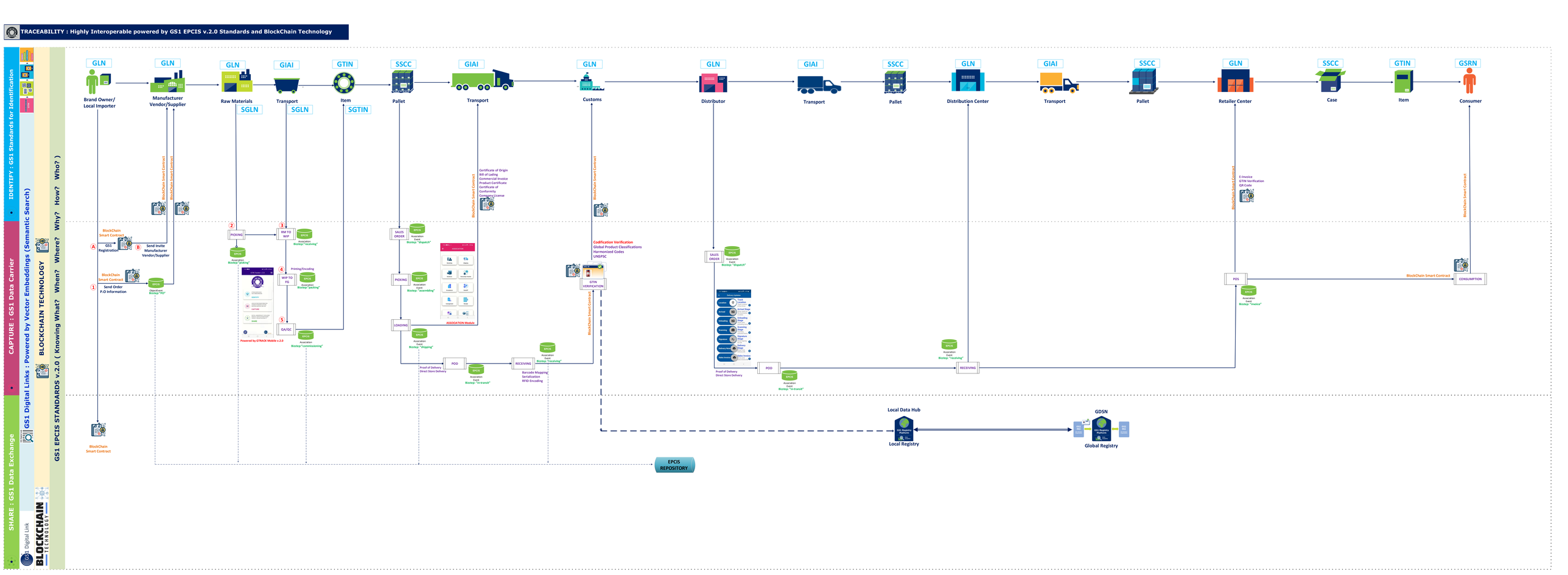
TRACEABILITY : Highly Interoperable powered by GS1 EPCIS v.2.0 Standards and BlockChain Technology
IDENTIFY : GS1 Standards for Identification
CAPTURE : GS1 Data Carrier
SHARE : GS1 Data Exchange
GS1 Digital Link
BLOCKCHAIN TECHNOLOGY
GS1 Digital Links : Powered by Vector Embeddings (Semantic Search)
GS1 EPCIS STANDARDS v.2.0 (Knowing What? When? Where? Why? How? Who?)
GLN
Brand Owner/ Local Importer
GLN
Manufacturer Vendor/Supplier
GLN
Raw Materials
SGLN
GIAI
Transport
SGLN
GTIN
Item
SGTIN
SSCC
Pallet
GIAI
Transport
GLN
Customs
GLN
Distributor
GIAI
Transport
SSCC
Pallet
GLN
Distribution Center
GIAI
Transport
SSCC
Pallet
GLN
Retailer Center
SSCC
Case
GTIN
Item
GSRN
Consumer
BlockChain Smart Contract
GS1 Registration
Send Invite Manufacturer Vendor/Supplier
Send Order P.O Information
ObjectEvent Bizstep: "PO"
PICKING
Association Bizstep: "picking"
RM TO WIP
Association Bizstep: "receiving"
WIP TO FG
Printing/Encoding
Association Bizstep: "packing"
QA/QC
Association Bizstep: "commissioning"
Powered by GTRACK Mobile v.2.0
Certificate of Origin
Bill of Lading
Commercial Invoice
Product Certificate
Certificate of Conformity
Company License
SALES ORDER
Association Event Bizstep: "dispatch"
PICKING
Association Event Bizstep: "assembling"
LOADING
Association Event Bizstep: "shipping"
ASSOCIATION Module
Codification Verification
Global Product Classifications
Harmonized Codes
UNSPSC
GTIN VERIFICATION
Proof of Delivery Direct Store Delivery
POD
Association Event Bizstep: "in-transit"
RECEIVING
Association Event Bizstep: "receiving"
Barcode Mapping Serialization RFID Encoding
E-invoice GTIN Verification QR Code
POS
Association Event Bizstep: "invoice"
CONSUMPTION
BlockChain Smart Contract
EPCIS REPOSITORY
Local Data Hub
Local Registry
GDSN
Global Registry