

Presentation Outline

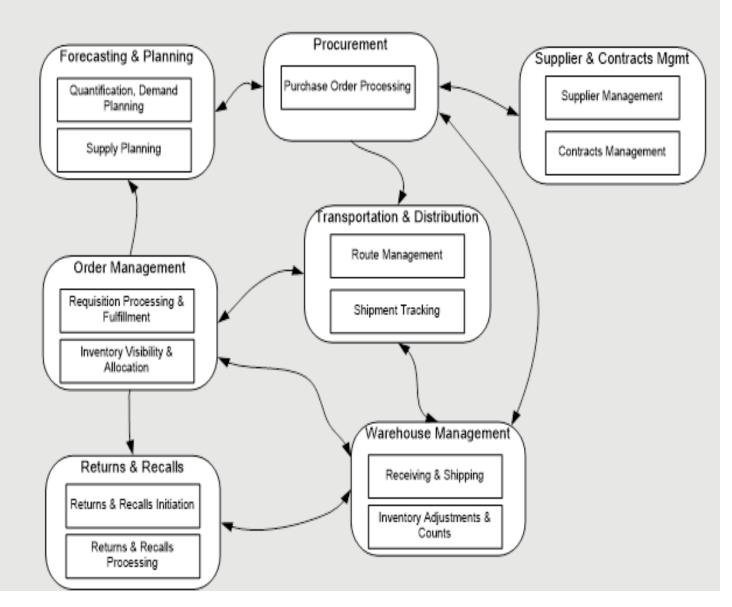
- Trends in public health supply chain information systems
- Foundation for End-to-End Data Visibility and Track & Trace
- Next step in building the foundation
 - Solving Product Master issues (GDSN)
- GDSN Adoption by USAID's GHSC-PSM
- Last mile challenges

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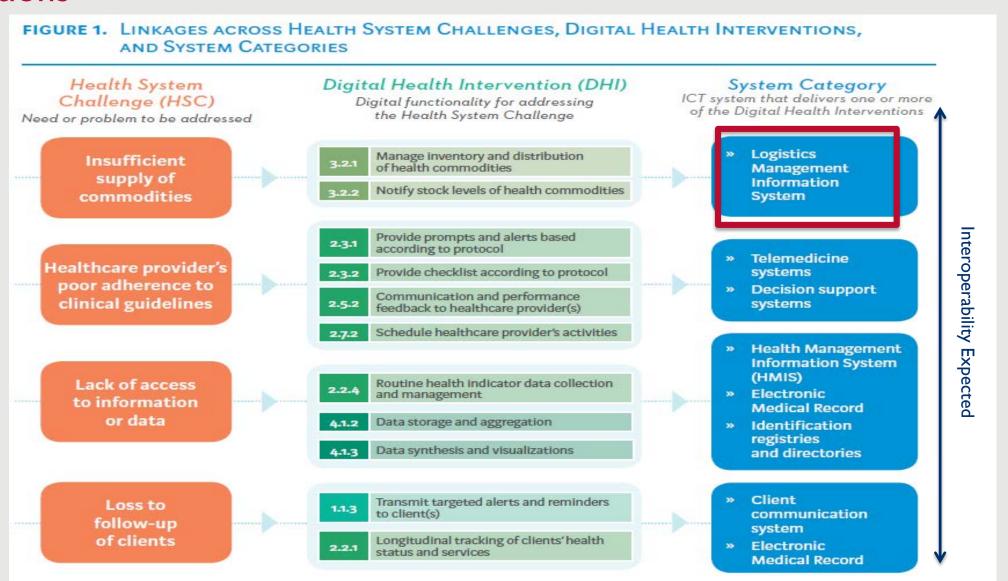
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Supply Chain Information Systems Are Increasingly Complex

- Moving from reporting to transactional.
- Expanded functionality to cover various supply chain areas (Procurement, FASP, Order Management, Contracts management and logistics)
- Transitioning from one system to multiple systems crossing multiple admin domains (CMS, MOH, NRA, custom, suppliers, donors)
- Major issues with data quality

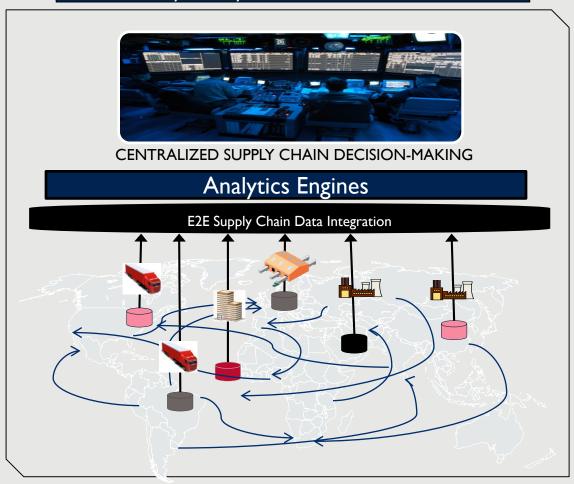


Supply Chain Information Systems Are A Component of Digital Health Interventions



Increased need for data visibility, analytics and data driven decisions – Control Tower (Visibility and Analytics Networks (VAN))

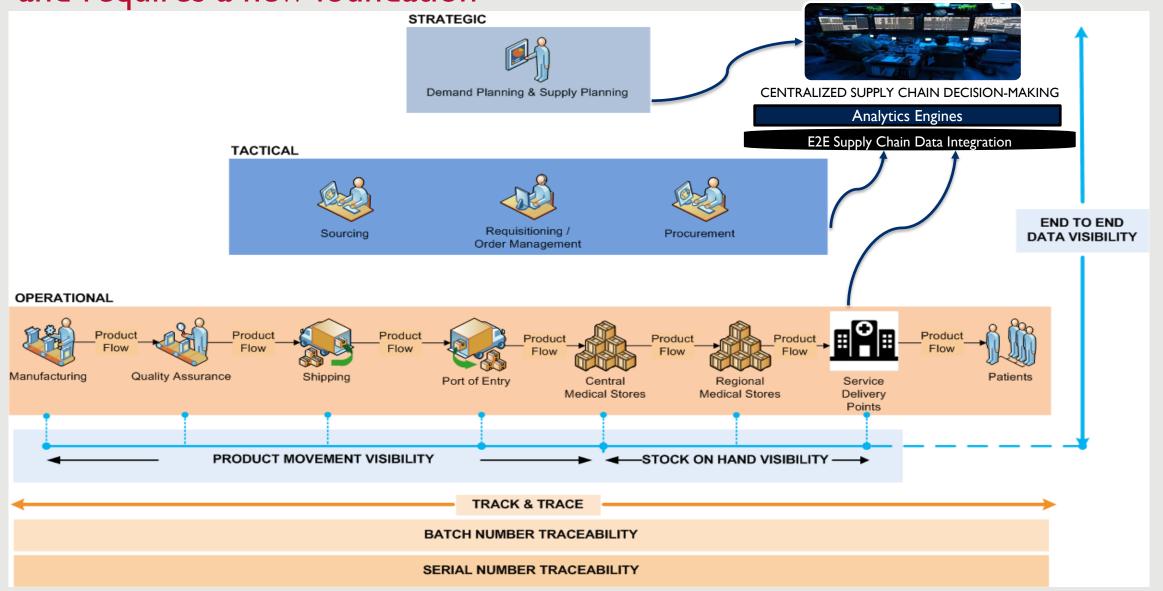
Global Visibility & Analytics Networks



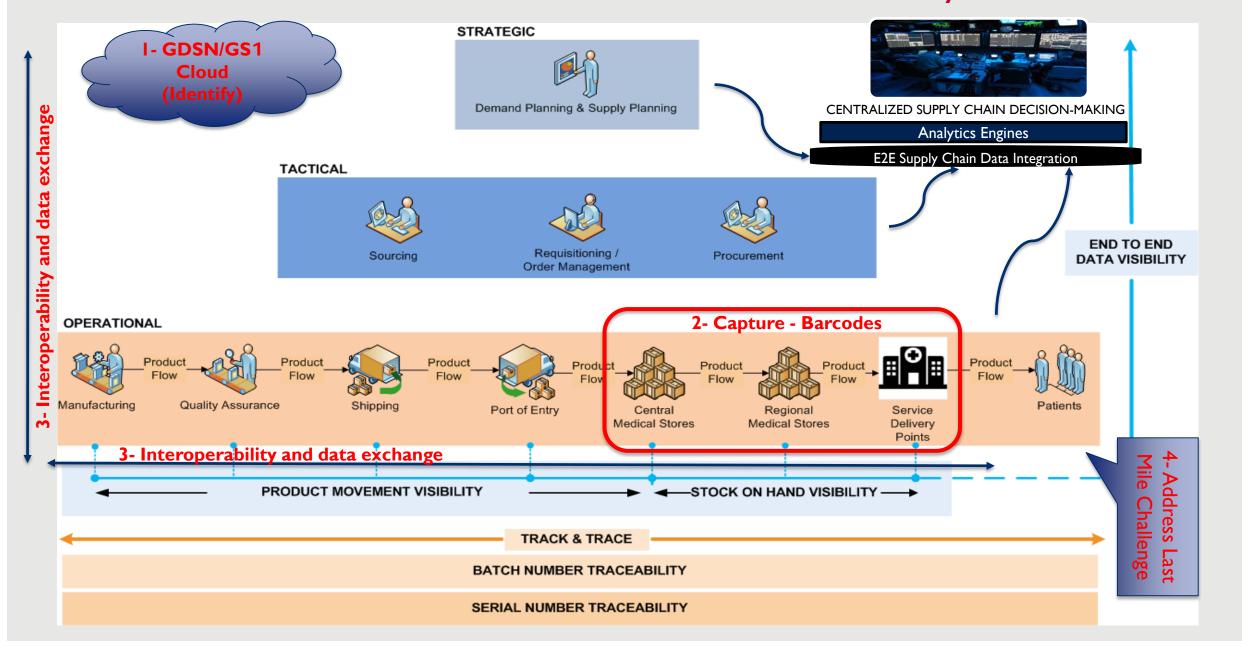
Challenges

- Major challenges are facing the current country supply chain information systems implementation:
 - Master Data Management
 - Data Quality
 - Interoperability
- And there is a need for a new foundation to achieve end-to-end data visibility or track and trace.

End-to-End Data Visibility and Track and Trace is increasingly complex and requires a new foundation



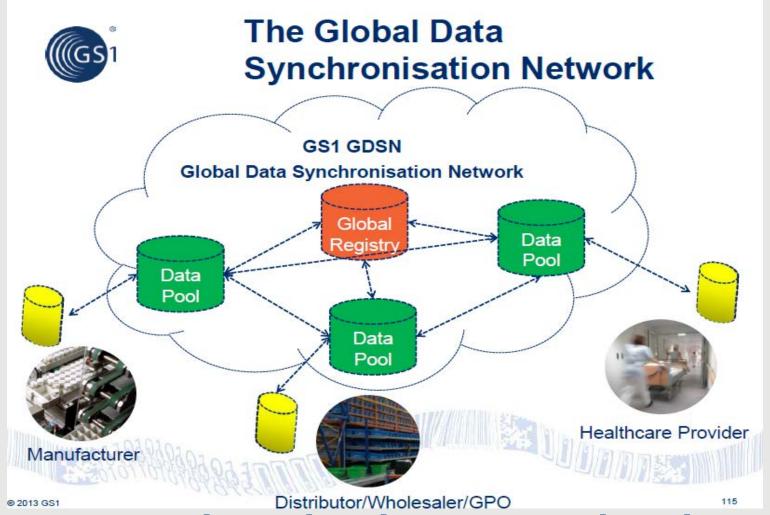
Global Standards Need to be the foundation for E2E Visibility and Track & Trace



GSI provides the required foundation for Identification, Capture and Data Sharing



Next Step – Building the first building block – GDSN

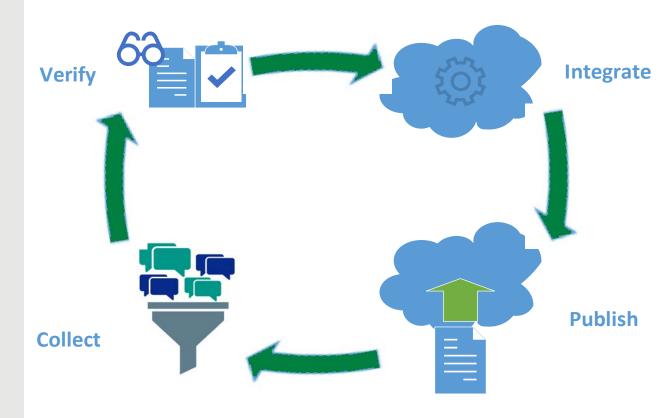


There is a critical need to have an updated, maintained authoritative source for product information

Product Master - Data Pool

- Supplier registers with GSI and obtains a prefix
- 2. Supplier assigns GTINs to its products
- 3. Supplier registers with a GDSN data pool provider
- 4. Supplier provides product attributes through their GDSN Data Pool

GDSN DATA POOL



Collaboration is Needed

- Need to have a sustainable GDSN for life saving commodities for LMIC countries:
 - We need to analyze a sustainable cost and operational model
 - Suppliers submit their product information once to GDSN and used by all countries and donors
 - GDSN data to be used for both drug registration and supply chain information systems
- When designing country supply chain information systems we should not ignore the last mile challenge

https://www.youtube.com/watch?v=7CW8rjQAap4

