

Data Standards and Their Impact in Health Supply Chain Security and Efficiency

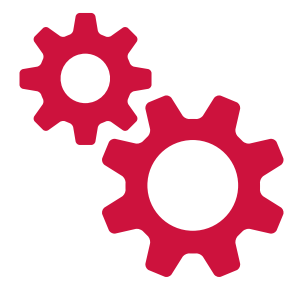
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Objectives



Enable End-to-End Data Visibility



Identify & Implement Supply Chain Efficiencies



Enhance Supply Chain Security



Increase Patient Safety

Methods

Develop Supplier Requirements

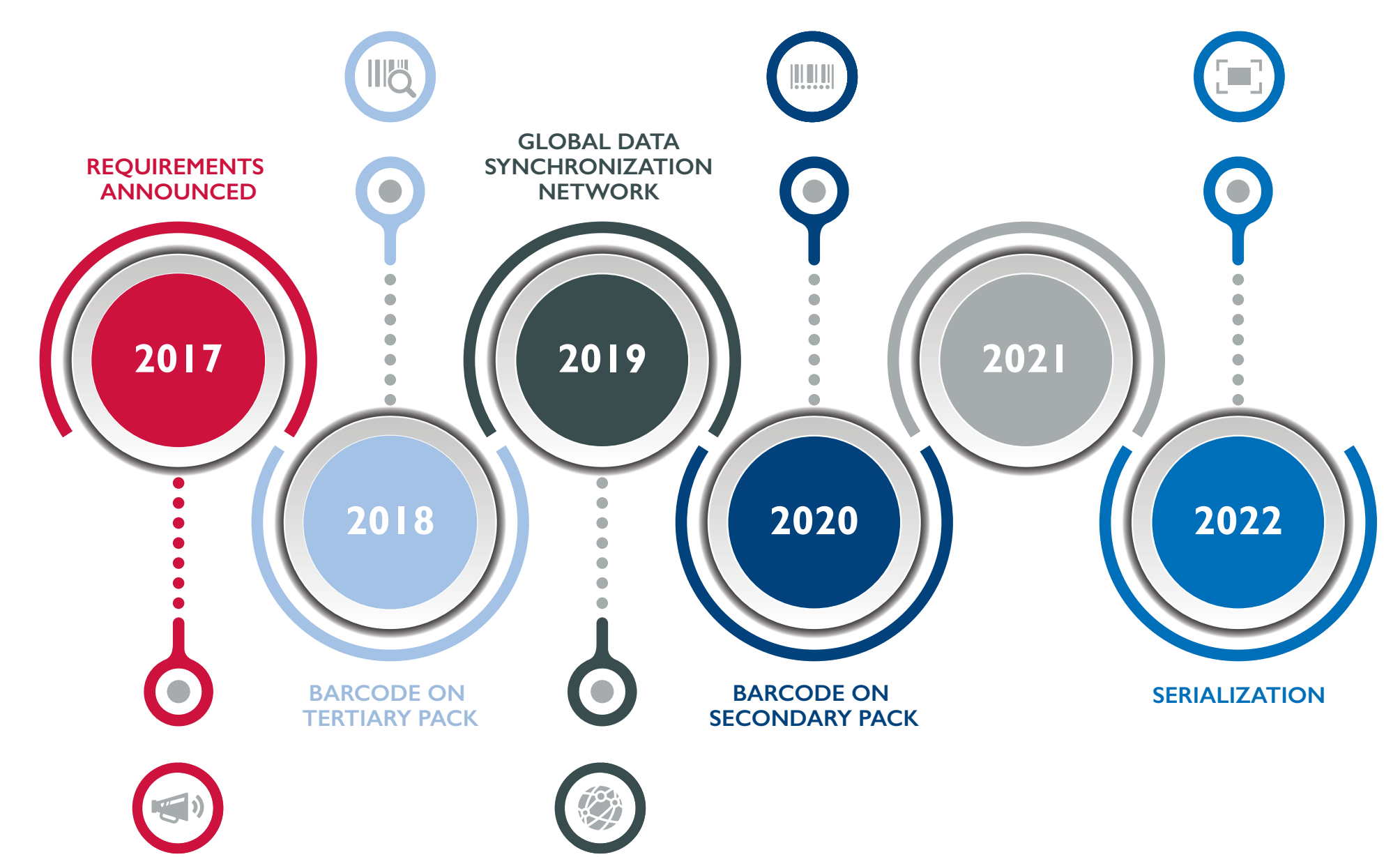
- Attend GS1 healthcare conferences to learn global best practices
- Engage suppliers on capabilities and feasible timelines
- Develop a procurement requirement for standardized product identification, labeling, and data exchange

Results

Published Contract Language

- Contract language was implemented January 2018 and can be found in Article 3 of our standard Terms and Conditions
- Resources were developed to support implementation including a Global Standards Technical Implementation Guide and FAQ

IMPLEMENTATION TIMELINE



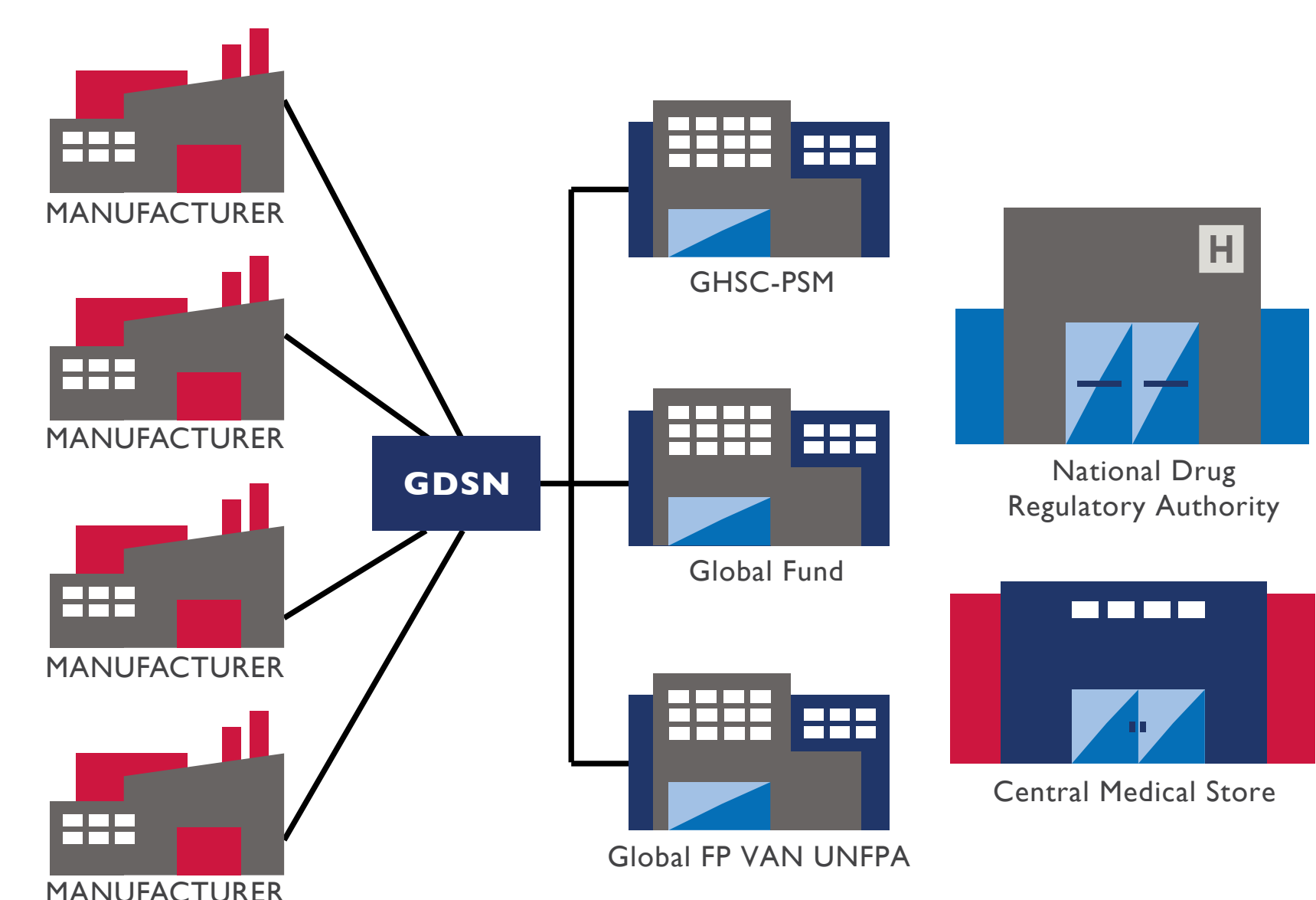
Global Data Synchronization Network (GDSN)

- GDSN enables near real-time automatic data exchange of product master data (e.g. GTINS, GLNs, volumetrics, market authorization info) between suppliers and their recipients

ARTMIS-GDSN Integration

- In February 2019, PSM's Automated Requisition Tracking System (ARTMIS) completed integration with GDSN
- Resources were developed to support implementation including completed pilots with Abbott and Johnson & Johnson, and the system is now live and synchronizing data with select manufacturers

FUTURE STATE GDSN ENVIRONMENT



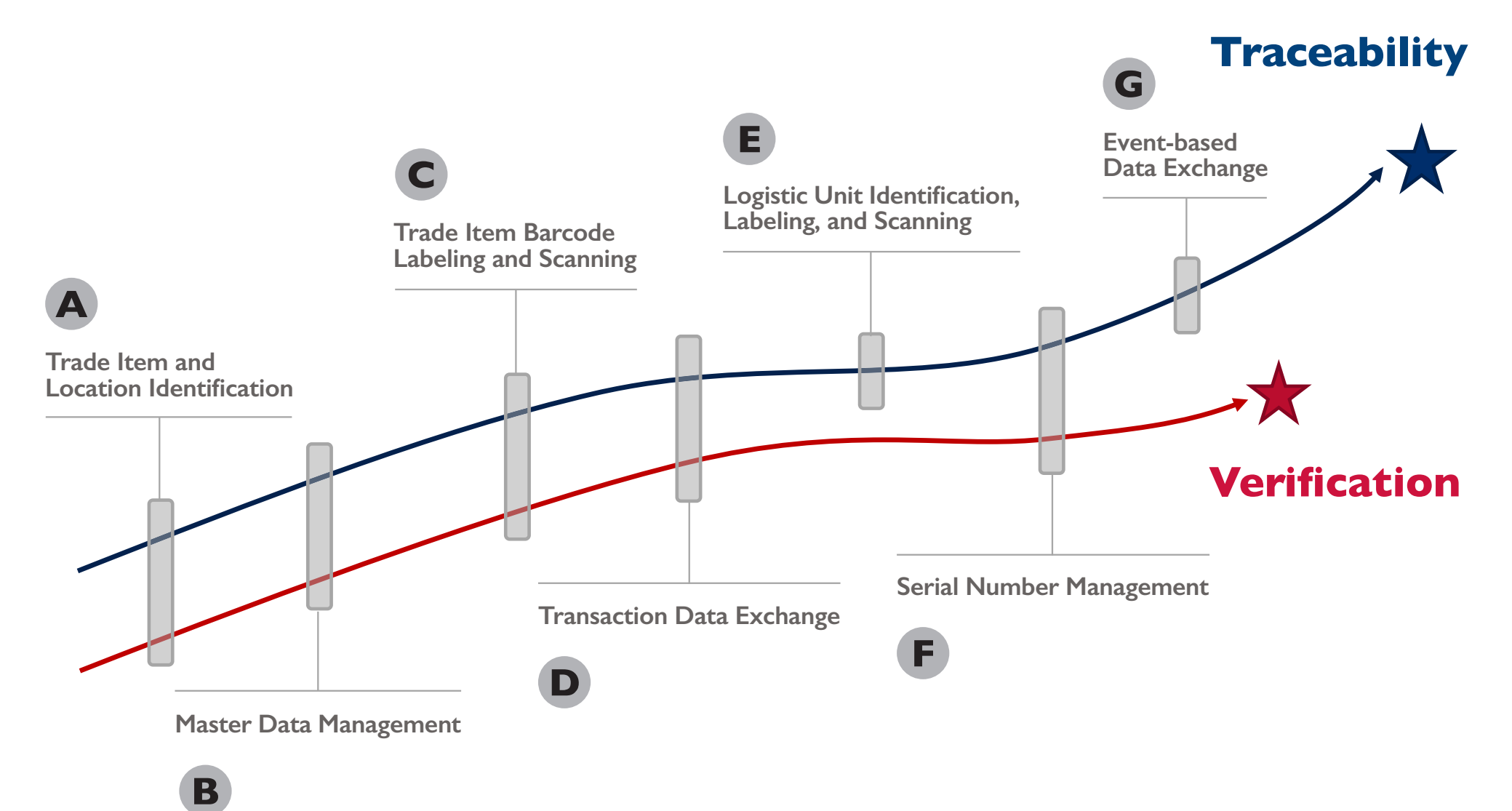
Country Implementation Guidance

- A framework to guide GHSC-PSM country programs systematically to organize efforts to operationalize and execute pharmaceutical traceability
- This tool supports the development of a vision, strategy, and implementation roadmap specific to the country environment

Technical Assistance to Country Programs

- **Rwanda:** Supported MOH to host national workshop to develop national traceability vision and strategy
- **Ghana:** Implemented GS1 standards in master data for new LMIS system
- **Angola:** Conducted Readiness assessment for using GS1 AIDC standards at central medical stores

TRACEABILITY ROAD MAP



The USAID Global Health Supply Chain Program-Procurement and Supply Management (GHSC-PSM) project is funded under USAID Contract No. AID-OAA-I-15-0004. GHSC-PSM connects technical solutions and proven commercial processes to promote efficient and cost-effective health supply chains worldwide. Our goal is to ensure uninterrupted supplies of health commodities to save lives and create a healthier future for all. The project purchases and delivers health commodities, offers comprehensive technical assistance to strengthen national supply chain systems, and provides global supply chain leadership. The views expressed in this poster do not necessarily reflect the views of USAID or the U.S. government. PSM 01 00079

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