



Arab Republic of Egypt



Egyptian Pharmaceutical Track & Trace System (EPTTS)

By

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GS1 Global HealthCare Conference

Egyptian Ministry of Health & Population



1.Introduction about Egyptian Market

Area

1 million Km²

Population

98,575,360

CAPMAS 11/03/2019

Capital

Cairo

GDP

235,369.13
*(World Bank, US \$,
billions) in 2014*

27 Governorates

BIG Market

Pharmaceutical
Manufacturers
165 MF
1200 CMO



Distributors &
Wholesalers
3000



Patients
120 M E



Pharmacies
75,000



Organizations



World wide Trading
50 EXP
60 IMP



Pharmaceutical Trade Volume

2.27 billion unit (10%)



3.8 Billion \$ (16%)





2. Egyptian Track and Trace system Timeline.

Purpose: Pharmaceutical Track & Trace , Reduce Counterfeit & Pharmaceutical Supply chain efficiency.

Level of Implementation: Secondary packaging.

Phases:

- **Phase 1: Acquiring GTIN's & GLN's (9-2017)**
- **Phase 2: Entering the GTIN's & GLN's on CAPA DB (12-2018) 81%**
- **Phase 3: Having 1 pack ready (Printed with GS1 DM) (12-2018)**
- **Phase 4: Pilot Project (3-2019) – Results will be shared in the next Implementation Guidelines**
- **Phase 5: Full Track & Trace Implementation (6-2019)**



3.EPTTS Pilot Project

Pilot was held in co-operation with different stakeholders as follows:

- 11 Manufacturers:-



EGYPTIAN INTERNATIONAL
PHARMACEUTICAL IND. CO.



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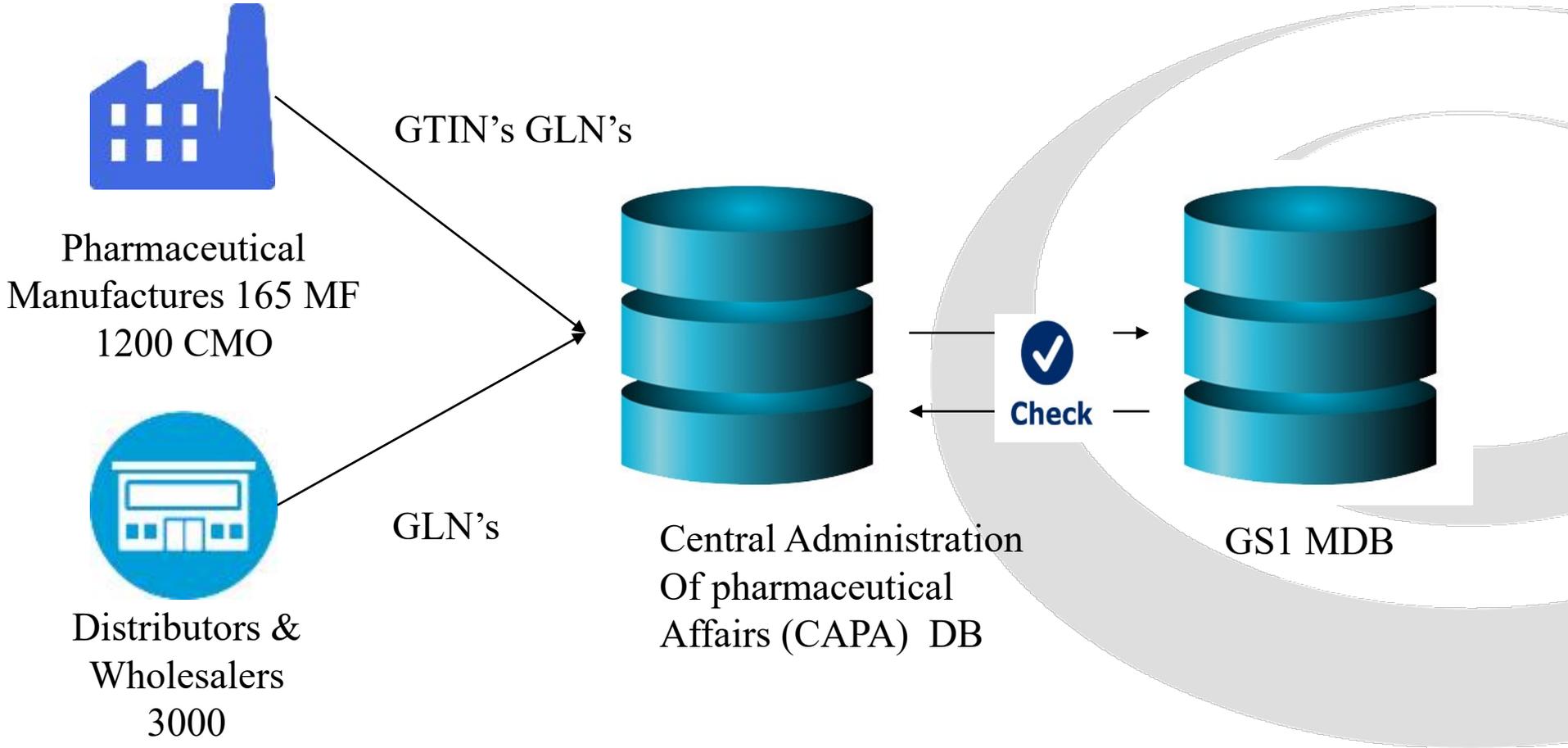
- **9 Test Scripts for Factories.**
- **8 Test Scripts for Distributers**
- **10 Test Scripts for Pharmacies**
- **Some modifications will take place according to pilot participates suggestion**
- **Pilot learnings will be integrated in the next release of the EPTTS Implementation Guidelines**





4. What's next

MOH will Use Verified By GS1



MOH Will Embed the EPCIS into the System



GS1 DM Sequence

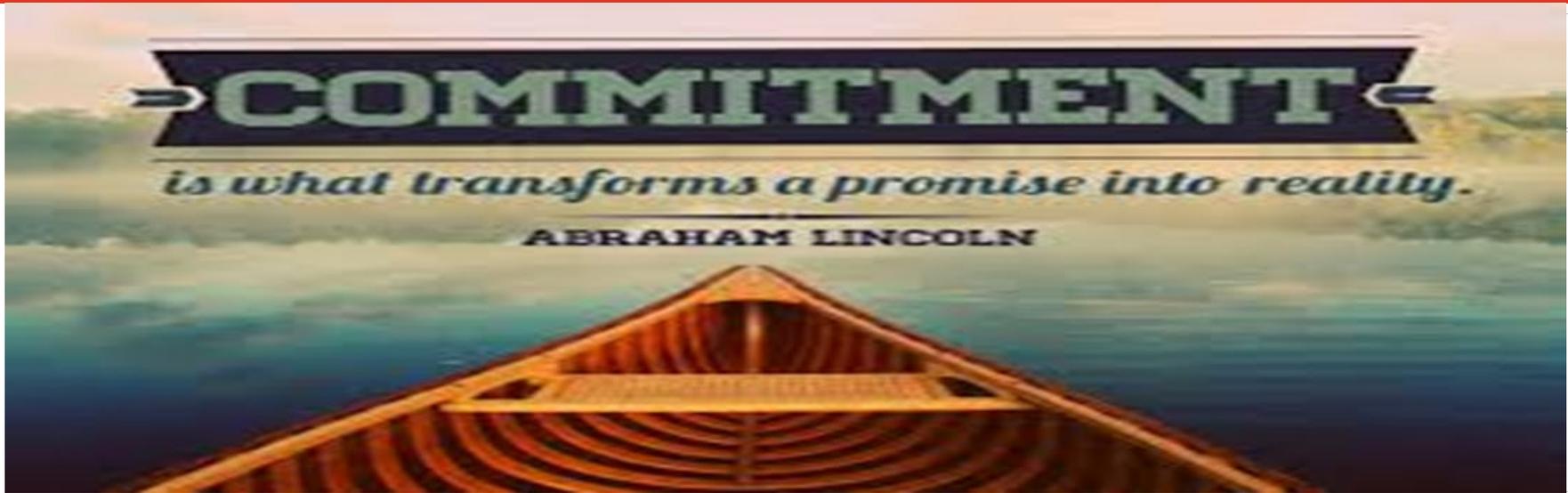
- Past: There was an obligation to encode GS1 DM with specific Sequence GTIN, EXP, Batch, Random serial number
- NOW: The MOH decided to give more flexibility to the manufactures and will not obligate them to do a specific sequence in GS1 DM due to business needs



(01)09099999543217
(17)180521
(10)ABC1234567890
(21)A1234567890

- We have a lot of complexes
- Complex but committed
- A very short period of time we managed to on board 80% of our manufacturing base (which is not small by the way).
- We did so in a very cost effective manner.
- We impressed global standards along the way as a means to reduce cost and complexity for all stockholders .

2016 was a dream and it will become real in 2019



Finally, We are Committed to Combat Counterfeit in Egypt

Thank You

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