



The Global Language of Business

The Past, the Present and the Future that GS1 Healthcare Standards will deliver for the African Continent

African GS1 Healthcare Conference, Addis Ababa, Ethiopia

Tunde Odunlami, CEO – GS1 Nigeria

8 May, 2018

GS1 in numbers

- **112 local member organisations**
- **1.5 million companies around** use GS1 standards
- **Over 100 million products** carry GS1 barcodes around the world
- **More than 5 billion GS1 barcodes** are scanned every day

GS1 – the global language of business

GS1 is a global standards organisation

Neutral and
not-for-profit

User-driven
and governed

Global
and local

Inclusive and
collaborative



The GS1 barcode: *“one of the 50 things that made the world economy”.....**BBC***



Key industries served



Retail



Healthcare



Transport &
Logistics



Foodservice



Technical
Industries



CPG/Grocery



Apparel



Fresh Foods



General
Merchandise

The Past outlook of Healthcare in Africa



Inadequate funding and poor regulation

- Low funding by government yet increasing needs for essential health commodities
- Poor regulations yet more threats of huge population
- With population of 1.256 billion in 2017 against the world population of 7.2 billion, Africa population at 2017 represents 17.4 percent of the world population.
- By 2050, Wikipedia estimates an increase of 1.3 billion in Africa, 0.9 billion in Asia and 0.2 billion for the rest of the world

Poor pipeline monitoring and control

- Counterfeiting on the increase
- Non availability of health commodities when needed

Ineffective warehousing and distribution

- Ineffective warehousing system
- Defective or poor distribution channel and system
- Deficient last mile delivery protocols

No visibility of commodities

- No transparency among stakeholders
- No networking among supply chain partners
- No information exchange and slow/late decision-making

Present status of healthcare



- Visibility of commodities of commodities in the pipeline, increasing threats of counterfeiting
- Discrepancies between reported system data and physical data on consumption and storage leading to stock outs or over stocks

No interoperability of system for necessary exchange of information and for proper decision-making

Disjointed links and transparency between upstream, mid-stream and downstream giving false data for analysis

- Inadequate health worker capacity to support data reporting and reluctance to do so
- Poor gathering of data along side commodities flow in the supply chain

- Avoidable wastages, expiration and poor warehousing and leading to inaccurate quantification, selection, and procurement



Counterfeit medical goods can form up to
30% of the market
in parts of Asia, Africa and Latin America

>1 million people die
each year from counterfeit drugs



Millions of patients at risk for adverse drug events

Tens of billions of dollars'
worth of counterfeit drugs could be
blocked with help of standards



\$160-280 billion lost
due to inefficiencies and errors

The future African Healthcare we love to see



*Data enabled healthcare system at every point in the chain.
This made possible GS1 identification standards for the
healthcare industry.*

Integrated Data Capture

- Data Capture
- Visibility
- Authentication
- End-to-end Traceability
- Recall readiness
- Transparency
- Trust
- Patient-safety
- Improved regulation by government
- Increased revenue for all parties

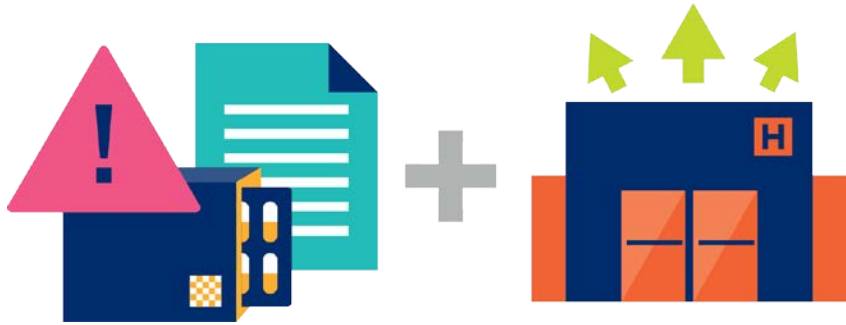
Healthcare



Traceability benefits

- Improve patient safety
- Prevent counterfeits
- Achieve supply chain efficiency, visibility and accurate recalls

Increasing request for traceability



- Regulations or trading partner requirements in many countries
- Driven by the need to increase patient safety, prevent counterfeit product entering the market
- For shared, enhanced supply chain control



Argentina



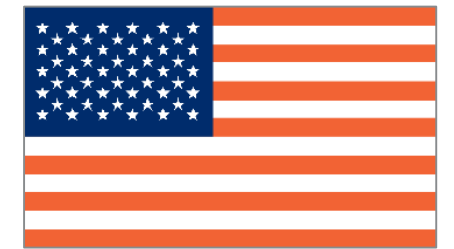
European Union



South Korea



Turkey



United States

Africa must rise up to the global progress



Progress in the Middle East

- UAE: innovated medicine pack recommendations
- EGYPT: decree issued on national track and trace system requiring GS1 standards
- JORDAN: Publication of Jordan Food & Drug Administration (JFDA) Instructions on drug traceability with GS1 standard
- SAUDI ARABIA: Identification and serialization of medicinal products using GS1 standard
- PAKISTAN: Drug Regulatory Authority is developing policy and regulation for GS1 standards adoption.

Progress in Traceability regulations in Europe

- Counterfeit medication is a growing reality today in all parts of the world
- EU- Falsified Medicines Directive Deadlines for implementation of the requirements will be on 9 February 2019 (2025 for Belgium, Italy, Greece). Medicinal product to carry Unique Identification number, Batch/Lot number, Expiry date, Serial number, in a DataMatrix

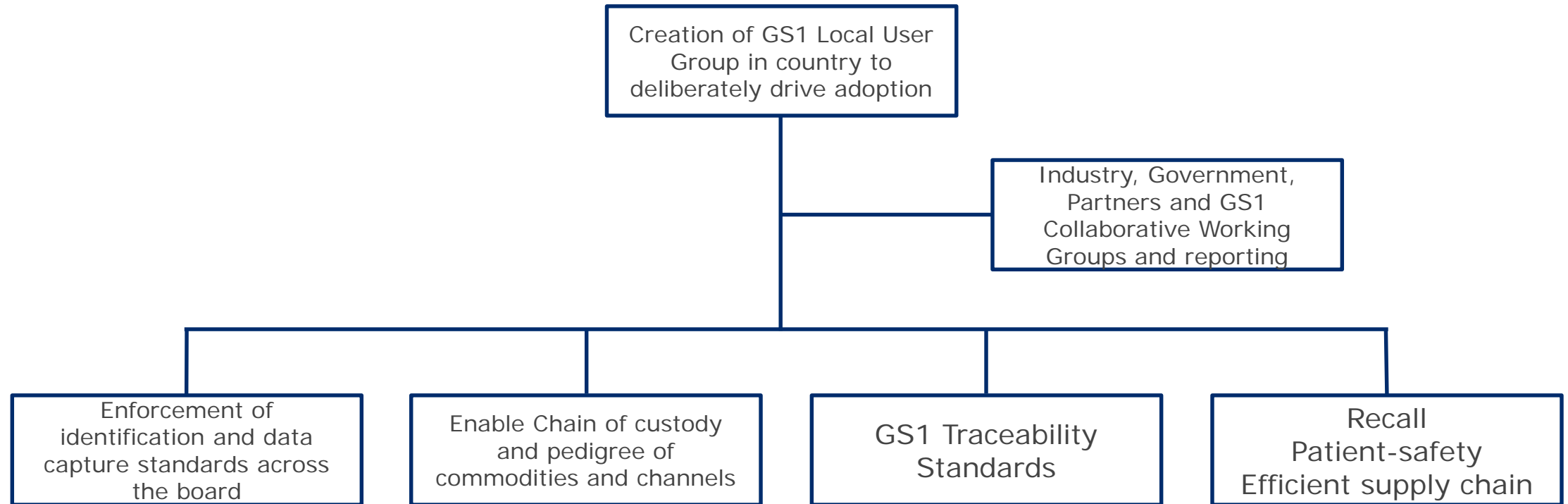
UDI (Unique Device Identification)

- Over 500,000 devices have been registered to the U.S. FDA Global UDI Database (GUDID) and 90% carry a GS1 Unique Identifier (GTIN)
- 1,500,000 GTINs are currently registered in GDSN
- GDSN as a source for trusted data. Latest report published on the value of trusted product data

Progress around African countries so far

- ETHIOPIA: National Drug Regulatory Authority is developing policy and regulation for GS1 standards adoption, designing and implementing a national level track and trace system.
- MYANMAR, HAITI, TANZANIA, ZAMBIA: Drug Regulatory Authority developing policy and regulation for GS1 standards adoption.
- LESOTHO, UGANDA: GS1 standards required for Warehouse Management System (WMS-ERP).
- SOUTH AFRICA: Implementation of GS1 standards.

First steps



A group of diverse professionals in a meeting. A man in a white lab coat with a stethoscope is on the left. In the center, a man in a dark suit holds a tablet. On the right, a man in a white shirt is looking at a document. The background shows other people in a meeting setting.

*Together, let's build a
healthy future in
AFRICA*

Thank you!

Contact Information



Tunde Odunlami

CEO

GS1 Nigeria

MAN House, 3RD Floor

77, Awolowo Way,

Ikeja, Lagos-State, Nigeria

T +2348099999333

E enquiries@gs1-nigeria.org

www.gs1ng.org/healthcare

