Evolution

- NHS eProcurement strategy
- GS1 and PEPPOL
- Scan4Safety
Audience

- Patients
  - Trusts
  - Suppliers
  - Technology Providers
  - Managed Service Providers
GS1 and PEPPOL standards

- People
- Product
- Place
- Process

Benefits

- Patient safety
- Clinical productivity
- Supply chain efficiency
What it means to a Hospital Pharmacy
CORE ENABLERS

PLACE  PRODUCT  PATIENT

PRIMARY USE CASES

INVENTORY MANAGEMENT  PURCHASE TO PAY  PRODUCT RECALL
Acronym buster:

- **GTIN** – Global Trade Item Number - product reference
- **GLN** – Global Location Number – location identifier
- **GSRN** – Global Service Relationship Number – person identifier
- **GDSN** – Global Data Synchronisation Network - network of data pools for sharing product information
- **PEPPOL** – Pan European Public Procurement On-Line – standard approach for transferring business documents (including PO’s and Invoices)

Myth buster:

Scan4Safety *is* about common standards and common ways of working

Scan4Safety *is not* about common systems in trusts or suppliers

Core Enablers and Primary Use Cases are the base line all trusts should achieve and are the start of so much more
How does dm+& GTIN fit together:

<table>
<thead>
<tr>
<th>Unique identifier</th>
<th>Product level</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTIN (dm+&amp; = AMPP)</td>
<td>Product, Supplier &amp; Pack Size</td>
</tr>
<tr>
<td></td>
<td>(amoxycillin 500mg capsules, GSK, 21 caps)</td>
</tr>
<tr>
<td>GTIN + production identifiers (extensions)</td>
<td>GTIN + batch, expiry date &amp; serial number</td>
</tr>
</tbody>
</table>
**Catalogue:**
- Standard data feed
- Product barcode data
- Range of attributes
- Created by manufacturer

**Receipting:**
- Barcode scan
- Capture lot / batch / expiry date

**Order & Invoice:**
- Machine to machine
- Product code
- Trust Location & Supplier

**Storage:**
- Pharmacy + Ward
- Product & production identifier
- Link to specific location

**Dispense:**
- Barcode scan
- Product & production identifier
- To Patient or Location

**Administer:**
- At bedside, barcode scan
- Right Patient, Drug, Dose, Presentation, time & in-date
- Direct link to patient record

**GDSN, GTIN, GLN**

**GSRN, GTIN, GLN**

**PEPPOL, GTIN, GLN**

**GTIN, GLN**
NHS trusts - call to action

Appoint a Trust Board sponsor
   Single point of ownership to coordinate across all aspects of the Trust, appointed from and by the Trust Board

Appoint a senior Clinical champion
   Someone who is recognised and respected by peers and who wants to make a change

Produce a Trust Board Charter to garner support from across the whole Trust Board
   It is about stating agreement to the approach and direction

Develop a current state assessment
   Understand where you are today and what you are already doing
What it means to a Medicines manufacturer / supplier / wholesaler
Supplier application

- Corporate
- Data
- Labelling
- Messaging
<table>
<thead>
<tr>
<th>1.</th>
<th>Corporate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Join GS1 30-Sep-17</td>
</tr>
<tr>
<td>1.2</td>
<td>Complete medicines supplier readiness questionnaire 30-Sep-17</td>
</tr>
<tr>
<td>1.3</td>
<td>Join a PEPPOL access point 31-Mar-18</td>
</tr>
<tr>
<td>1.4</td>
<td>Allocate GS1 Global Location Numbers (GLNs) and upload to LocationManager 31-Mar-18</td>
</tr>
<tr>
<td>1.5</td>
<td>Provide the Department of Health with a statement of commitment to the adoption of GS1 and PEPPOL standards 31-Mar-18</td>
</tr>
<tr>
<td>1.6</td>
<td>Update your systems where needed to achieve compliance with GS1 and PEPPOL standards to achieve dates below</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Allocate 14 digit GS1 Global Trade Item Numbers (GTINs) at patient pack level 31-Mar-18</td>
</tr>
<tr>
<td>2.2</td>
<td>Allocate 14 digit GS1 GTINs at all orderable units 31-Mar-19</td>
</tr>
<tr>
<td>2.3</td>
<td>Arrangements for the exchange of product data between suppliers and trusts are yet to be defined To be agreed</td>
</tr>
<tr>
<td>2.4</td>
<td>Arrangements for the exchange of price data between suppliers and trusts are yet to be defined To be agreed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.</th>
<th>Labelling</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>30-Sep-19</td>
</tr>
<tr>
<td>3.2</td>
<td>30-Sep-19</td>
</tr>
<tr>
<td>3.3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4.</th>
<th>Purchase-to-pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>30-Sep-18</td>
</tr>
<tr>
<td>4.2</td>
<td>31-Mar-19</td>
</tr>
<tr>
<td>4.3</td>
<td>30-Sep-19</td>
</tr>
</tbody>
</table>

Send invoices carrying GS1 GTIN and GLN data to NHS PEPPOL access points

For Medicines subject to the requirements of FMD, the packaging label must carry device and production identifiers in a 2D Datamatrix

Receive orders from NHS PEPPOL Access Points including, where available, GS1 GTIN and GLN data

Send invoices to NHS PEPPOL access points

Send invoices carrying GS1 GTIN and GLN data to NHS PEPPOL access points
Medical and In-Vitro Diagnostic Devices Self-Declaration Compliance Questionnaire

April 2017

• 66 suppliers compliant = 25% of category spend

• Name and celebrate the 66 on the Supplier Workspace and the Scan4Safety website

October 2017

• Questionnaire was open for the month – currently analysing responses
Updated Terms and Conditions of Contract

“Suppliers shall ensure full compliance with any Guidance issued by the Department of Health in relation to the adoption of GS1 and PEPPOL standards (to include, without limitation, any supplier compliance timeline and other policy requirements published by the Department of Health in relation to the adoption of GS1 and PEPPOL standards for master data provision and exchange, barcode labelling, and purchase-to-pay transacting).”
Published supplier guidance
Medicines suppliers – call to action

• Join GS1
• Join the DH Supplier Workspace - email eProcurement@dh.gsi.gov.uk
• Complete your Supplier Readiness questionnaire
• Find out about PEPPOL and Access Point providers
• Send us your Statement of Commitment
• Any questions email eProcurement@dh.gsi.gov.uk
This is the start of the journey not the end
Doctors and nurses focus on care and patient interaction.

Quality, accurate data capture is built into all process and ‘just happens’.

Medical devices, medicines, office and IT, estates and facilities, services.

Patient and clinicians.

Patient

Every step along the pathway

Visibility at each point of contact/care

Home

Community

Ambulance

Primary

Acute

Test

Location

Treatments

Equipment

Time

Staff

Products
Learn from a demonstrator site

If you have any questions, or would like to book an informal visit to one of the demonstrator sites, please feel free to contact them:

**Demonstrator Site**
- Derby Teaching Hospitals NHS Foundation Trust
- Leeds Teaching Hospitals NHS Trust
- North Tees and Hartlepool NHS Foundation Trust
- Plymouth Hospitals NHS Trust
- Royal Cornwall Hospitals NHS Trust
- Salisbury NHS Foundation Trust

**Contact Email**
- DHFT.Scan4Safety@nhs.net
- lthscan4safety@nhs.net
- scan4safety@nth.nhs.uk
- plh-tr.Scan4Safety@nhs.net
- scan4safety.cornwall@nhs.net
- Scan4Safety@salisbury.nhs.uk
Scan4Safety trust and supplier workspaces (DH eXchange). Register at: Scan4Safety@dh.gsi.gov.uk

www.scan4safety.nhs.uk