National Product Catalogue – Data Synchronisation Benefits

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Our data synchronisation solution is the National Product Catalogue (NPC).

- Established by NEHTA in March 2006
- Healthcare branding of GS1 Australia’s GS1net
- Using the Global Trade Item Number (GTIN) as the **standard identifier**, with a standard data set
- For all healthcare items – medicines, devices and consumables
- Suppliers populate data once and publish to many
NPC – how it works

The Future is E-Health

Product Data Synchronisation

Hub working for a Data Recipient

Hub working for a Data Supplier

Hospital

Health Department

Healthcare Department

Wholesaler

Supplier 1

Supplier 2

Supplier 3

Supplier 4

National Product Catalogue (GS1net)

Private Sector
Clinical Outcomes
- Clinical Terminologies – Australian Medicines Terminology (AMT)
- Product tracking and recall
- Bedside scanning (incl. batch, exp., serialisation, etc) => patient record
- TGA approval of pharmaceuticals

National Product Catalogue
- Over 150,000 items, 300+ suppliers
- All jurisdictions accessing data
- Clean, standardised data in all systems
- All major wholesalers signed up
- Most large pharma companies have populated
- Large medical devices companies either populated or getting data organised

Private Sector
- Ramsay Health Care
- Cabrini Hospital
- National Pharmacies
- Accurate reference of Prosthesis Rebate Code for billing benefits
Supply Chain to clinical improvements

Product Data → Data sourcing

NPC
✓ Unique Product Identification (GTIN)
✓ Standard product information

Data Flow

Product Sourcing – eProcurement

Healthcare Products → Product Flow

Convergence of the right product and right data

Scanning for:
✓ Logistics
✓ Dispensing
✓ Theatre mgt
✓ BPOC
✓ eMAR/PCEHR

Supply Chain efficiencies

Clinical Improvements

Benefits
NPC – The basis for reform
The NPC is integral for supply chain management to ensure a common set of data and a common product identifier (the GTIN) is shared between all parties.

Benefits include:

- Reduced effort for all parties
- Reduced errors in communication in the supply chain
- Reduced costs for all parties
NPC and Reimbursement

The NPC will enable identification of the right product for reimbursement and an auditable trail throughout the supply chain.

The linking of supply chain to government reimbursement programs will for the first time afford greater transparency and accuracy ensuring the right product gets claimed for and reimbursed.
Scanning is used in community and hospital pharmacy to ensure the dispensed medicine is the one that has been prescribed.

NEHTA is working with State Health Departments to link the NPC to the AMT, in hospital pharmacy solutions, to ensure that when the GTIN-based barcode is scanned it matches to the right product and other relevant information from the NPC.
GS1 Australia are working with industry to develop a healthcare recall portal.

The key to effective product recall is the accurate identification of affected products in the supply chain.

The use of the NPC will enable more accurate identification of products for recall than has been possible prior to the NPC.
A number of States in Australia are using the NPC browser template as the basis for data submission for their healthcare products tenders. This means that suppliers who have populated the NPC can simply download that data as part of the tender submission process.

The standardisation of data requirements saves all parties time and money.
NPC and eProcurement

NPC is key to standard data and a shared identifier across all parties - GTIN
Australia is developing a Personally Controlled Electronic Health Record (PCEHR) for individuals. This will enable greater fluidity of an individual’s healthcare information than the current (mainly) paper-based system affords.

The NPC will enable the accurate identification of medical products administered, implanted, used in procedures etc. This information will add to other important information held in a patient’s PCEHR.
Questions?