Data Synchronisation Benefits for eProcurement and Tendering

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Who is NEHTA?
National E-Health Transition Authority

- Established in 2005
- Board consists of all nine jurisdiction health CEOs
- National eHealth focus including Supply Chain reform
The National Product Catalogue

In Australia our data synchronisation solution is the National Product Catalogue (NPC).

- Established by NEHTA in March 2006
- Healthcare branding of GS1 Australia’s GS1net
- Using GTINs as standard identifier, with standard data set and GDSN compliant
- For all healthcare items – medicines, devices and consumables
- Suppliers populate data once and publish to many
The NPC to date

- Over 70,000 items published
- Over 250 suppliers involved
- All jurisdictions using data
- Private sector using data
- Input to eProcurement solution
- Input to tendering processes
Developing eProcurement Capability in the Healthcare sector

Then
- Limited activity
- Lack of standards
- Lack of guidance

Now
- Specifications
- Standardised processes
- Centralised support model
NPC and the NEHTA eProcurement Solution

- Based on Australian Standards
- GS1XML message format
- Four standard messages defined – PO, POR, Dispatch Advice/ASN, INV
- Message content to include GTINs and GLNs
- Message Implementation Guidelines (MIGs) developed for buyers
- NPC data needed at both ends for product information behind GTINs
NPC and the NEHTA eProcurement Solution

eProcurement message flow using NPC
NPC and the NEHTA eProcurement Solution

The Future is E-Health

eProcurement implementation successes so far…

NEHTA XML messaging standards

WA Health live
NSW Health live
SA Health pilot

Baxter
BBraun
Kimberly Clark

Other Jurisdictions and Suppliers WIP
NPC and Tendering

Using Browser Template for product data

- Suppliers can then easily load the NPC
- NPC Ready suppliers can download their data into this format
- Standardises data format and content
- All items have GTINs
- Provides data required when procurement begins
- NPC population required prior to contract
NPC and Tendering

Reasons

- Reliability of data, tender evaluation and ongoing contract management
- Reduction in the amount of effort required by tenderers
- Further use of the National Product Catalogue
NPC and Tendering – the mechanics of submission
NPC and Tendering – Tender Responses

HPV Tender Responses

- Blue: HPV Tender Responses
- Red: Responses from new tenderers

Number

2005 2007 2010

Tender

0 5 10 15 20 25 30 35 40
The Future is E-Health

NPC and Tendering – Tender Outcomes

Error Comparison
NPC Published v Unpublished

This reduction in errors shows that use of the NPC improves data quality. Feedback from the tender team confirmed that having better quality data reduced analysis time and improved HPV’s confidence in the tender outcome.
NPC and Tendering – Tender Outcomes

**Distributors:**
- All responded to the tender
  - All have now published GTINs to the NPC

**Suppliers:**
- Of currently contracted suppliers, all but five have published to the NPC
- All but two of current suppliers tendered

**Contract Benefits that should flow from the improved data:**
- Tender analysis should be significantly easier and produce better quality insights
- Contract management should be simpler, and
- Victorian pharmacies should be able to implement changes that will save them time and reduce errors.
NPC and Tendering – Improved accuracy of product information

Tender
- Simpler tender submission
- More accurate data
- Improved analysis taking less time

Analysis
- Reliable source of data for analysis
- Consistent product identification across health services
- Accurate historical data

Contract Management
- Simpler updates to product information
- Reliable source of price changes
- Reduction in manual processes

Contract Implementation
- Simpler dissemination of contract data
- More accurate data
NPC and Tendering – what next?

- Refining the process for Health Purchasing Victoria
- Rolling out the process over other jurisdictions
- Working with the private sector to use this process
Questions?