

Name	Healthcare NPC Advisory Group (HCNPCAG) – 2Q 2021 meeting
Purpose	NPC Advisory Group for Healthcare industry

Meeting details:

Date	Time	Location
02 June 2021	2:00pm	Remote dial-in
Co-Chair	Elizabeth Donohoo, Director Terminology - Australian Digital Health Agency Co-chair Vacancy to be filled	
GS1 support	Cath Koetz, Industry Manager - Healthcare - GS1 Australia Murray Robb, Manager – Services Implementation – GS1 Australia	
Attendees & Apologies	(See attachment 1)	

Meeting minutes:

<ol style="list-style-type: none"> 1. Welcome, introductions and apologies – Attendees/Apologies 2. GS1 Australia Trade Practices Compliance notice – Referred to each meeting, accessible on HCNPCAG HUB (Link) 3. Minutes of previous meeting – motioned for approval by Ian Bull, ACT Health and seconded by Sandy Giles, Cook Medical. 4. Review of Action Items <ul style="list-style-type: none"> • 2.1 - <i>Executive level 'Value proposition' development</i> <ul style="list-style-type: none"> ○ Put on-hold for the engagement from stakeholder community to ensure doc reflects what is needed. Revisit when things return to normal. • 3.2 – <i>AMT-CTPP/GTIN/NPC activities</i> <ul style="list-style-type: none"> ○ Some meetings have been held to start process developing the statement piece. Further discussed as a meeting topic (refer 6d) • 3.3 – <i>UNSPSC selection process improvement</i> <ul style="list-style-type: none"> ○ Examples provided require further investigation and more work to be completed on this with HealthShare Vic to clarify values provided vs. values expected. • 4.1 - <i>Suggestions on what else GS1 or HCNPCAG can do to help drive the Data Quality improvement within NPC.</i> <ul style="list-style-type: none"> ○ Further discussion (refer 6) • 4.2 - All HCNPCAG members invited to actively participate in the Dataset Review process (completed and closed) • 5.1 - Finalisation of the Healthcare Dataset ready for implementation including new or amended fields - In progress with some aspects to be reviewed by the AG <ul style="list-style-type: none"> ○ Updated in this meeting session (ref 6) • 5.2 - Improvement to user documentation for the healthcare sector including the development of new tools to assist all users where needed/possible (refer Dataset review feedback) <ul style="list-style-type: none"> ○ Documentation is a work in progress. • 5.3 - Explore options to show a catalogue has had a full review as part of the DQI reporting (Is this an Industry wide 'Ready' status?) (refer Dataset review feedback) <ul style="list-style-type: none"> ○ Can be further discussed following the data set review and required industry input. • 5.4 - Explore how to signify where a catalogue has been reviewed by another recipient (Is this an Industry 'Live' status?) (refer Dataset review feedback) • 5.5 - Investigate the possibility of an 'Interim load' of data (refer Dataset review feedback) • 5.6 - Improve ongoing improvement process (refer Dataset review feedback)

5. Co-Chair nominations due to vacancy

- Departure of Rob Setina has created an opening for a Co-Chair. The group is invited to nominate, a voting process will follow. (refer to [presentation deck](#) from meeting)

6. Regular Updates

- GDSN statistics** – Latest statistics showing 7.9% increase in product numbers globally on GDSN from Dec 2020. NPC is still 3rd largest data pool globally in healthcare. Link to where the detail is published is included in the presentation deck
- NPC statistics** – some increases in publishers since last update, new data recipient since previous (Uniting Care Health) and Certified Product Partners. Refer to presentation deck for details
- Data Quality Improvement progress** –Platinum up to 64%, continued decreases to 'Red' at 17%. Top 5 errors largely consistent - Missing Manufacturer name, UNSPSC code, manufacturer internal reference and Dimensional data being listed.

- **Questions from group:**

- **Discussion on data set review** - Enquiry raised for the development of more tangible metric reporting for progress, including deliverables, timeframes, movements and where hold-ups are occurring.

ACTION: Creation of a dashboard visualisation of the project plan

- **What are Certified Data pools within GDSN** – There are 40 datapools including the NPC that for part of the global network that is GDSN. Many operate commercially across multiple markets, NPC focusses on Australia and NZ.
 - **How does this differ from a Certified Product Partner** – A CPP is a solution provider who has been certified as enable to manage the data processes related to loading data into the NPC and maintaining it using the standard choreography, messages and data structures.
 - **What is the distinction between the Data Quality Levels (Platinum down to Red)** – Each level has a specific definition with regard to the level of tolerance regarding errors with Platinum being 100% free of errors. The errors themselves relate to the machine validations that are run over the data contained in a suppliers catalogue.
 - **Size of the NPC Datapool compared to others – how is it the 3rd largest.** Contributing factors to achieving status of 3rd largest data pool in healthcare is because we started adoption ahead of some of many other countries. The two larger data pools are based in the US and Europe.
- AMT CTPP/GTIN project update** - Increase of 25% since Jan 2021. Seeking to accelerate the progress, a further outreach will be coordinated for suppliers of products deemed AMT-CTPP applicable.
 - 4,895 NPC records have a valid AMT-CTPP code
 - 30 NPC records contain a deprecated code (replacement available)
 - 96 NPC records contain an invalid AMT-CTPP code
 - 4,647 NPC records have been identified as probable AMT-CTPP applicable records (not populated)
 - Currently all deprecated AMT-CTPP codes are communicated to GS1 and are actioned as part of the data quality insights reporting.

- **Discussion on AMT-CTPP**

Australian Medicines Terminology / Container Trade Product Pack attributes are supported within the NPC data set. AMT-CTPP data is used in electronic health records and clinical systems to generically identify clinical concepts of medicines. The linkage between AMT for clinical concept and GTIN for physical product is critical. Many health organisations view AMT CTPP/GTIN data linkage as one of the most important data elements to support medication management and safety.

ACTION: Development of Communication/demonstration of the usage to help ensure understanding of importance, versus only technical creation of the code

e. Recipient Program Updates

1. Sigma (update sent ahead of meeting)

NPC remains a focus for all Sigma suppliers moving forward. Request raised for improved way to manage active ingredients and inclusion of PBS codes in Data Quality.

2. ACT Health - Ryan Mavin / Ian Bull

A project underway to improve their supply chain solution which will be a catalyst to driving consumption and value of NPC data via synchronisation. Also, implementation of Epic EMR and usage of AMT-CTPP linkage in NPC to assist with medicines discharge and admission scenarios.

Currently looking into use of integrated data from NPC for Merlin (dispensing system) and also use of NPC data in theatre systems (DHR program).

7. General Discussion

NPC user surveys

- NPC user feedback was collected confidentially and summarised for the group
- Key recurring themes discussed were user awareness of how NPC works, ongoing manual workarounds, recipient data usage/feedback not visible to suppliers, data quality concerns which will be delved into.

Discussion:

Value proposition sizing has been completed over many years but remains not well understood. A better understanding requires whole of industry approach, what is needed to clarify the value proposition and refine the process?

Potential of workshops to help tease out the challenges (supported by Elizabeth Donohoo and Kamlesh Lal)

Greater visibility of recipient data usage (including hierarchy) and understanding of the reasons for non-use are needed.

HealthShare Vic confirming use of NPC data in the contracts process and the downstream availability of contracted and non-contracted items at Health Services level via their catalogue systems – but this is possibly not visible. Supplier score and dashboard reporting to support data synch.

ACTION: Workshop discussions in separate groups – Recipient and Supplier to help review challenges further

ACTION: Addition of greater details related to where the data is used beyond the central recipient (ie: data published to Healthshare Victoria is accessible to all health services across Victoria)

Improvements in Process

- Visibility of Recipient Requirements on GS1 website to provide a better linkage to information such as statements, contacts and current activities. Working with recipients to enrich this information – suggestion to provide more information on the breadth of reach from those recipients.

ACTION: All Recipients to provide details for inclusion on the new page to ensure visibility of their requirements

ACTION: Addition of greater details related to where the data is used beyond the central recipient (ie: data published to Healthshare Victoria is accessible to all health services across Victoria)

- Improved access to Healthcare information on GS1 website, NPC specific information, user tools and guides for trans-Tasman users - all in easier to access locations on GS1 website.

ACTION: Advisory Group members invited to continue to provide feedback on areas of improvement

Dataset Review

- Implementation time frames changes to Target Data Set to be finalised later in June, with some additional attributes to be deployed in August. (refer 6c for agreed action to provide greater visibility of dates/status)
- Primary changes to dataset:
 - Replacing generic 'AU Healthcare Industry' and 'Pharmacy Wholesale (Aust)'
with product focussed datasets for 'Medical Devices' and 'Pharmaceutical'.
 - Update of requirement flags and status keys to remove ambiguity around required attributes.
 - Replace alphabetical listing of attributes to logical groupings.
- Specific Attribute changes:
 - Warranty Attributes - Medical Devices
 - Warranty Description
 - Warranty Duration + UOM
 - Warranty Effective Date Type
 - Allergen Information – Pharmaceutical Medicines
 - Allergen Type Code
 - Level of Containment
 - Material - Medical Devices
 - Material Statement Description
 - materialCode, materialContent, materialPercentage, materialTreatment
 - Product Sponsor – Medical Devices & Pharmaceutical
 - Party Role Code - Code value 'Registered_Agent'
 - Party Name
 - New attribute, applicable when 'TGA Sponsor' = 'N'
 - 'REGISTERED_AGENT' = The party having legal responsibility for the product in the target market
 - Active Ingredients – Pharmaceutical
 - Is ingredient Active
 - Non-Food Ingredient Name
 - Ingredient Strength
 - Globally Harmonized System (GHS) -
 - GHS Hazard Category
 - GHS Signal Words Code
 - GHS Symbol Description Code
 - Precautionary Statements Code
 - Precautionary Statements Description
 - Hazard Statements Description
 - Hazard Statements Code
 - Controlled Narcotic Drug Number – Pharmaceutical Medicines (this change to be aligned to a larger scheduled update)
 - Migrate 'local' attribute 'Controlled Narcotic Drug Number' to GDSN 'global' attribute 'Controlled Substance Schedule Code Reference'.
 - Change to how we classify Medical Devices and Pharmaceutical Drugs.
 - Previously using GPC Codes and now opting to use v19 UNSPSC applying rules at the 'Segment' level. Impacts to NPC, NPC validator and 3rd party product providers. Planning to implement project in Q4 2021. Expect that this change will have a significant positive impact for the community for data quality.

8. Any other business/Topics –

1. Locatenet (sister platform to NPC developed within NeHTA Supply Chain program) will be migrated to the new and improved National Location Registry platform later in the year. This new platform is the result of collaboration with the Department of Infrastructure and will deliver improvements to UI as well as additional data attributes designed to assist in freight management processes and visibility.

9. Confirmation of actions and next steps – refer to Actions Log.

10. Confirmation of next meeting dates

11. Meeting Close

Next HCNPCAG meeting

Date & Time	11 th Aug 2021, 2-4pm
Location	Remote dial-in (Note: new invitation to be provided)
Organiser	Cath Koetz - GS1
Co-Chairs	Elizabeth Donohoo - ADHA

Actions Log:

	Action Items	Owner	Deadline	Status
1.1	Terms of Reference to be updated with feedback from Kick Off meeting & distributed to HCNPCAG members for review and approval at commencement of Meeting 1 2020.	Gary Russon (GS1)/ALL	Closed	Approved, Item closed 19 February 2020
1.2	Call for Co-Chair Nominations from HCNPCAG group members in accordance with Terms of Reference.	Gary Russon (GS1)/ALL	Closed	Rob Setina (HPV) and Elizabeth Donohoo (ADHA) confirmed as co-chairs 17 th June 2020
1.3	Detailed NPC statistics to be provided for reference at all future HCNPCAG meetings	Sascha Timoshanko (GS1)	Closed	This is to be closed as an action item and be included as part of the standing agenda for the AG meetings
1.4	Healthcare Data set & Use Case Review by industry	Cath Koetz & Murray Robb (GS1)	Closed – refer to Action 3.5	Discussion at meeting on 26 th August to launch after delays.
1.5	Enhancement requests for NPC platform and Data Quality Improvement reports	Justin Middleton & Murray Robb (GS1)/All	Closed	This will be closed as an action and be included as a part of the standing agenda of the AG meetings
1.6	Nominations for additional industry representation (in line with Terms of Reference)	GS1/ALL	Closed	Additional nominations open at any time This will be closed as an action and be included as a part of the standing agenda of the AG meetings
1.7	Meeting requests including Zoom dial in details to be sent to HCNPCAG group members for all 2020 meetings	GS1	closed	2020 meetings have all been set and invitations sent.
2.1	<i>Executive level 'Value proposition'</i> Document for use within executive level discussions within suppliers providing 'talking points' to assist with understanding the value of the NPC	Mark Blitenthall/Marian Makram Perkins/Cath Koetz (GS1)	01/05/2020	Overdue Draft to be provided to AG members for review and comment.
2.2	Recipients to share details of their programs on an ongoing basis to the AG (within Recipient updates) and aim to communicate this within their own programs.	Recipients (ALL)	Closed	This will be closed as an action and be included as a part of the standing agenda of the AG meetings
2.3	Further discussion in future meetings to ensure that required NPC statistics are available across all active Recipients to further detail the utilisation of NPC data.	GS1 staff Recipients (ALL)	closed	No additional feedback provided, closing item as an action and can revisit in future as needed
3.1	GHS (Global Harmonised System) as possible NPC attribute for Dangerous & Hazardous Goods classification and reporting	AG members to advise within dataset review	Closed	Agreement to add to the NPC Dataset as optional for all products, Closed Feb 2021
3.2	Creation of ADHA driven AMT-CTPP – GTIN paper, outlining data linkage initiative and industry support. Also call for ideas supporting other digital or meds management initiatives/policies, calls for ideas – note.	Pan Teng (ADHA) Cath Koetz/Murray Robb (GS1)	Open	Pan to seek assistance to craft statement on AMT-CTPP – GTIN initiative. Cath & Murray to look at mechanisms to support process from GS1 side

3.3	Understanding UNSPSC selection process for suppliers, specifically any barriers in fulfilling populating current code set values for products and publishing to NPC.	Murray Robb (GS1)	Open	GS1 to investigate UNSPSC selection issues and revert to group with more info to support further discussion and any further investigation.
4.1	GS1 seeks the suggestions from the group regarding suggestions on what else GS1 or this group can do to help drive the Data Quality improvement within NPC.	GS1/ALL	Open	For discussion in Feb 2021 meeting
4.2	All HCNPCAG members invited to actively participate in the Dataset Review process	GS1/ALL	Closed	Completed and participation from representatives across the sector very good (refer Nov 2020 meeting) Agreement to close 3 rd June 2021
5.1	Finalisation of the Healthcare Dataset ready for implementation including new or amended fields	Murray Robb - GS1	Open	In progress with some aspects to be reviewed by the AG
5.2	Improvement to user documentation for the healthcare sector including the development of new tools to assist all users where needed/possible (refer Dataset review feedback)	Murray Robb/Deborah Prince - GS1	Open	
5.3	Explore options to show a catalogue has had a full review as part of the DQI reporting (Is this an Industry wide 'Ready' status?) (refer Dataset review feedback)	Murray Robb - GS1	Open	
5.4	Explore how to signify where a catalogue has been reviewed by another recipient (Is this an Industry 'Live' status?) (refer Dataset review feedback)	Murray Robb - GS1	Open	
5.5	Investigate the possibility of an 'Interim load' of data (refer Dataset review feedback)	Murray Robb - GS1	Open	
5.6	Ongoing process improvement (refer Dataset review feedback)	GS1/ALL	Open	
6.1	Co-Chair nominations to be sent to group	Cath Koetz - GS1	New	
6.2	Project plan and 'dashboard' progress reporting related to the updated dataset (visibility of deliverables, timelines and where hold-ups are being experienced)	Murray Robb - GS1	New	
6.3	Value proposition AMT-CTPP to be revisited / refined	Pan Teng ADHA / Cath Koetz GS1	New	
6.4	Arrange a practical demonstration for AMT-CTPP initiatives in action. Overview plus diagrams of data flows.	Pan Teng ADHA / Cath Koetz GS1	New	
6.5	Coordination of deep dive workshops separately for recipient and supplier NPC users to further investigate usage concerns	Cath Koetz / Mark Blitenthall	New	
6.6	NPC Recipient outreach to enhance visibility of recipient information that can be accessed via GS1 and Recipient websites (data usage, requirements, programs, contacts etc.)	Cath Koetz- GS1	New	
6.7	Development of report informing suppliers which recipients are using/have accessed their data within the previous month	Deb Prince & Murray Robb - GS1	New	Added post meeting

Attachment 1

Meeting attendee summary

Name	Healthcare NPC Advisory Group - Meeting 07 - 2Q 2021
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Meeting details

Date	Time	Location
02 June 2021	2pm-4pm AEDT	Remote dial in – Zoom details in meeting invitation

Attendees	
Name	Organisation
Annette Fennell	MMM
Brett Major	Baxter
Catherine Koetz	GS1
Damian Larkins	Sigma
Darren Tyler	Abbott
Deborah Prince	GS1
Dimi Pachi	GS1
Elizabeth Donohoo	ADHA
Jonathan Gold	Calvary
Ian Bull	ACT Health
Kamlesh Lal	HealthShare Vic
Kevin Lau	Swisse
Marcel Sieira	GS1
Margo Fraser	GS1
Mark Blitenthall	GS1
Murray Robb	GS1
Nigel Fuller	GS1
Pan Teng	ADHA
Paul Lu	eHealth NSW
Rob Webb	Cook Medical
Ryan Mavin	ACT Health
Sandy Giles	Cook Medical
Sarah Lankshear	Stryker
Shane Fleay	St John of God
Yuki Tanabrata	Olympus

Apologies received from

Alastair Graham – QLD Health
Andrew Leong – Sigma
Aneen Groenewald – Sigma
Brenda Lu – Astra Zeneca
Brenton Stuart – SA Health
Chinmay Trivedi – Roche
Clive Calder – Pfizer
Craig Ellen – WA Health
Deepti Shukla – WA Health
Gary Eden – Cabrini
John Armstrong – WA Health
Long Lam – HealthShare VIC
Lynette Jones – QLD Health
Matthew Dyson – GSK
Michel Hulzebos – Healthscope
Monica Middleton – eHealth NSW
Rita Leo – Sigma
Will Monaghan – NT Health

End of document