



Name	Healthcare NPC Advisory Group (HCNPCAG) – 3Q 2022 meeting
Purpose	NPC Advisory Group for Healthcare industry

Meeting details:

Date	Time	Location
3 August 2022	2:00pm	Remote dial-in
Co-Chair	Peter Wilson – Hospital Project Specialist, Uniting Care Health Co-chair position open	
GS1 facilitation	Cath Koetz, Industry Manager - Healthcare - GS1 Australia Mark Blitenthall, Manager Service Engagement – GS1 Australia Nigel Fuller, Senior Account Manager, GS1 Australia	
NPC Technical lead	Ramesh Rayer, Technical Manager – Services Technical Support, GS1 Australia	
Attendees & Apologies	Refer later in minutes	

Meeting minutes:

<p>This meeting chaired by Peter Wilson</p> <p>Welcome, introductions and apologies – Attendees/Apologies (refer later in this document)</p> <p>Minutes tabled - Approved by Peter Wilson, seconded by Kamlesh Lai</p> <p>GS1 Australia Trade Practices Compliance notice – Referred to each meeting, accessible on HCNPCAG HUB (Link)</p> <p>Review of Action Items</p> <ul style="list-style-type: none"> ○ 2.1 - Executive level 'Value proposition' development Mark/Cath - final versions now live as PDF and webpage Action: Close action item ○ 4.1 - Suggestions on what else GS1 or HCNPCAG can do to help drive the Data Quality improvement within NPC. Ongoing – attendees encourage to continue to provide suggestions but this will also be managed as part of reimagining NPC activities ○ 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?) Murray Robb - To be reviewed as part of review of DQI reports ○ 5.4 - Explore how to signify where a catalogue has been reviewed by another recipient (Is this an Industry 'Live' status?) Murray Robb – To be reviewed as part of review of DQI reports ○ 5.5 - Investigate the possibility of an 'Interim load' of data (refer Dataset review feedback) Murray Robb – Included in Reimagining project deliverables - Working group has been formed to explore this requirement ○ 7.1 – AMT-CTPP Action Plan – (This action is an amalgamation of 3.2, 6.3, 6.4). Changes to team at AHDA and the move of the NCTS to AEHRC has interrupted the ability to report on this ○ 7.3 – Review/Assessment of data usage. Standing item for review when we have 12 months of data post data review, no change at this stage – Action: to be reviewed in September for presentation to AG ○ 7.4 – Use Case review/update to reflect Re-Imagining workshops and inputs Mark/Cath – final versions now live as PDF and webpage Action: Close action item ○ 8.1 – 'Volume' Attribute(s) Murray/Ramesh – Action - Awaiting feedback on details of requirements from Ian Bull
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- **8.2 – Reporting of updates from Reimagining NPC in Healthcare project**
Cath/Mark – Refer to update provided within pre-read documents
- **8.3 – UNSPSC Review** Murray/Ramesh – Sub-working group has been formed to discuss. Proposal from meeting provided in pre-reads and topic included for discussion in agenda August 3rd meeting

Co-Chair call for Nominations

- Request for nominations for co-chair to replace Elizabeth Donohoo who was one of the group's inaugural co-chairs. Thanks to Elizabeth for contribution to the group over her time as co-chair.
Action 9.1 – Please put forward any nominations for position of co-chair. Feel free to contact Cath with any questions around role requirements, responsibilities, etc.

Regular Updates

GDSN statistics – Presented by Ramesh Rayer– see slides for detail.

NPC statistics – Presented by Ramesh Rayer – see slides for detail.

Data Quality Improvement progress – Presented by Ramesh Rayer – see slides for detail.

AMT CTPP/GTIN project update - Presented by Ramesh Rayer – see slides for detail.

Recipient Program Updates – No updates for this meeting

Additional Topics

NPC & AusUDID Sandpit – Brief Update

- AusUDID Sandpit is now live (start of July). TGA have worked with GS1 to draft a plan for piloting with suppliers who are using the NPC. First two users hoped to be live by end August, additional suppliers being sought to participate in the process (refer slides for more detail).
Action 9.2: Contact Cath Koetz if you are a supplier interested in being involved in the pilot Catherine.koetz@gs1au.org

Review and Discussion of UNSPSC versions

Action 8.3

- Have been on v 19 for some time so have been looking at stats between v19 and v24. Only 32 GTINs affected = 4 suppliers
- 3 Options proposed to the group
 - Stay as we are – v19 to remain as the industry minimum requirement, V23+ to be 'allowed' where codes do not exist in v19.
 - Allow 2 versions – v19 to remain as the industry minimum requirement, V24 to become specifically allowed as option (preferred?)
 - Transition whole sector to new Minimum Version – v24 to become the industry minimum requirement, plan transition program
- If need to transition would need to plan for this to happen over at least 12-month period – need to think about suppliers, recipients, and solution providers. Consider whether the new version can be accepted by recipients as change would have a significant impact due to existing mapping of attributes within recipient organisations
- Differences between V19 and V24 – are they significant enough to make the change beneficial given the extent of the work in making the changes? Even though only 32 GTINs would be affected all GTINs would need to be reloaded
- Peter Wilson – new version takes account of Covid – we need to be flexible to take account of new developments
- Dolores Ternes – change to versions will be a significant change so will be difficult to implement – is there a way to replace v19 with v24 code lists (like a find replace)? Seconded by Sarah Lankshear.
- Cath Koetz - we will need to do more analysis as part of the decision-making process. How do we add the new codes that are more granular and useful? Do we need to change the version completely or can we do something in between? Can we implement a technical solution?
- Ramesh – proposal of a solution that just manages the deltas between V19 and V24 so that we don't have to completely load another version
- **Action – make these issues a topic of deliberation by the subgroup.**

Reimagining deliverables – Detailed discussion

- **Reimagining NPC for Healthcare – Progress Overview, Project Plan and updates**

- **Completed**
 - **Use Cases**
 - **Value Propositions**
 - **Sector Governance**
- **Pending Completion**
 - **Simplification of Ready process**
- **Working Groups formed**

- **Improved access for recipients (Data Lake & API's) Item 5.4**– Keith Lai
(Action 9.5 for tracking in Action Log) Initial meeting August 3rd, 2022

Good engagement from group with helpful suggestions around existing API solutions that are already in use provided by the sub working group (e.g. TGA API and HL7).

Looking to deliver data lake before end of year but see solution to be continually developing through feedback from the group. Need supplier community to publish to the Data Lake

Peter: recipients dominate the working groups. Do we look at adding supplier specific working groups?

Chris Hawke – question around item and pricing data. Data Lake will only be for publicly distributed items. There will still be the requirement for contracted items and these will be published directly to recipients.

- **Distributor Data Loading Item 2.3** – Murray Robb
(Action 9.3 for tracking in Action Log) Initial meeting July 19th, 2022

Aim of this group is to provide clarity around areas of responsibility for different suppliers of data. Provided suggestions of who owns what elements of data but will need to send out a survey to receive feedback on all the fields under discussion. Need to seek feedback separately from some of the larger distributors.

Action: GS1 will consolidate responses and feed back to the subgroup and get feedback on direction we should be taking.

Murray Robb - challenge for distributor model is significant and will require a lot of co-ordination and co-operation to implement.

Karen Eadie – is survey aimed at brand owners and distributors? Yes.

Confirmation that the distributor is responsible as the primary contact with regard to provision of product data

- **Interim Load/Preliminary Item 2.2** – Murray Robb
(Action 9.4 for tracking in Action Log) Initial meeting July 25th, 2022

Concept was welcomed by the sub-group (publishers & recipients), with agreement to poll members to better understand the types of attributes that can be difficult to source for a new item. A survey has been sent to sub-group members requesting that they list the attributes or groups of attributes that they would like to see included within a Preliminary Item model.

Action: GS1 to consolidate responses, provide implementation recommendations and report back to sub-group

No questions from anyone

- o **NPC in Tendering Process Item 4.1** – Cath Koetz/Ramesh Rayer
(Action 9.6 for tracking in Action Log) Initial meeting August 1st, 2022

Group supported a detailed review of requirements. Members providing examples of tendering templates (recipients) and details of common challenges with multiple definitions requiring recreation of data (suppliers) – due by Friday 5th August.

Action: GS1 to consolidate responses to map common attributes and challenges and provide back to sub-group for further discussion. Next meeting to be scheduled once analysis is completed to discuss options

Any other business/Topics –

- o Visibility of Recipient use of Data – Previously raised in HCNCAPAG as an action to help highlight who is using the data that suppliers provide within the recipient organisations and how they are using it to demonstrate the value of the investment in providing this data via the NPC. Suppliers still don't have visibility of how their data is being used and this is important to ensure that suppliers continue to update their data. **Proposals:**
 - o **Recipients to host short webinars to explain how data is being used**
 - Long Lam – how we currently use the data and how we could potentially use the data. Things like data lake could be used to showcase what is possible to highlight strengths of what the NPC could deliver eg. Example of rep visiting clients and being able to answer questions on site on the fly instead of having to come back later with the answers
 - o **Clearer communication of how data is being used by recipients**
 - o Other suggestions?
 - Sandy Giles – team all very keen to look at how the NPC works from a recipient point of view to ensure that suppliers are aware of what recipients see and how they work.
 - Dolores Ternes – need to reconcile data from recipients manually and compare to her own data on the NPC.
 - Cath Koetz – is it necessary to ensure that recipients understand the process from a supplier point of view?
 - Peter Wilson - important to resolve data alignment issues. The fact that manual templates are being used means that we aren't using the M2M solution. **Is there merit in establishing a subgroup to explore data alignment between publishers and recipients?**
 - o Proposal of a supplier specific NPC Forum/ working group where suppliers can discuss issues common to them
 - o Annette, Delores and Sandy supportive.
 - o **Action: look at setting up a supplier forum after we have explored the use cases within API and data lake**

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

Confirmation of next meeting dates

Meeting Close



The Global Language of Business

Next HCNPCAG meeting

Date & Time	9 th November 2022
Location	Remote dial-in (Note: new invitation to be provided)
Organiser	Cath Koetz – GS1
Co-Chairs	Peter Wilson – Uniting Care Health

Actions Log:

Commented [CK1]: Action Log to be updated post the meeting prior to sharing

	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/Emma Morrison/Cath Koetz (GS1)	Closed	Updated Value Propositions inclusive of feedback have been finalized and are now available as PDF and as webpages for recipients and suppliers https://www.gs1au.org/for-your-industry/healthcare/npc-in-healthcare/standardised-product-data
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)	Closed – refer 7.1	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)	Closed	Closed post May 11 2022 meeting due to limited detail. Can be reopened if required in future with a new action.
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	Recurring	Ongoing and linked to broader improvement discussions.
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	Closed	Closed as review has been finalized, but a new action added as 7.2 to allow for reporting on any outstanding items that need to be implemented.
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	Closed	Included as a part of the various deliverables deliverables within the Reimagining project
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)	Ramesh Rayer - GS1	Open	To be reviewed as part of review of DQI reports
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)	Ramesh Rayer - GS1	Open	To be reviewed as part of review of DQI reports
5.5	Investigate the possibility of an 'Interim load' of data (refer Dataset review feedback)	Murray Robb - GS1	Open	Included in Reimagining project deliverables - Working group has been formed to explore this requirement
5.6	Ongoing process improvement (refer Dataset review feedback)	GS1/ALL	Closed	Closed as agreed Sept 2021 as this is a core element of the HCNPCAG versus a single action item
6.1	Co-Chair nominations to be sent to group	Cath Koetz - GS1	Propose to close Dec 2021	Nominations sent and new Co-chair appointed
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	Closed	New dataset launched and implemented, dashboard provided for updates to HCNPCAG. Any carry over items should be added as individual items
6.3	Value proposition AMT-CTPP to be revisited / refined	Pan Teng ADHA / Cath Koetz GS1	Closed	Action amalgamated into 7.1
6.4	Arrange a practical demonstration for AMT-CTPP initiatives in action. Overview plus diagrams of data flows.	Pan Teng ADHA / Cath Koetz GS1	Closed	Action amalgamated into 7.1
6.5	Coordination of deep dive workshops separately for recipient and supplier NPC users to further investigate usage concerns	Cath Koetz / Mark Blitenthall	Closed	External workshops held 17 th & 19 th August
6.6	Improving visibility - 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	Closed	New Australian Healthcare Recipient webpage created by GS1 (https://www.gs1au.org/for-your-industry/healthcare/npc-in-

				healthcare/australian-healthcare-data-recipients?viewmode=0 Further enhancements require Recipient action to be completed
6.7	Development of report informing suppliers which recipients are using/have accessed their data within the previous month	Deb Prince & Murray Robb - GS1	Closed	Investigation showed some issues with this due to the method used by recipients to source data (not manual download but continual data sync/flow). Some reporting may be enabled through improvements from the Reimagining deliverables.
7.1	AMT-CTPP Action plan to be developed including: Creation of an AMT-CTPP – GTIN Value proposition paper, outlining data linkage initiative and benefits to industry Practical Demonstration of how the AMT-CTPP and GTIN Linkage works in practice incl overview plus data flows etc.. (This action is an amalgamation of 3.2, 6.3, 6.4)	ADHA/AEHC	Open	(This action is an amalgamation of 3.2, 6.3, 6.4) Changes to team at AHDA and the move of the NCTS to AEHC has interrupted the ability to report on this
7.2	Update/Actions on remaining Dataset Review changes including new or amended fields, changes to validation rules, changes to DQ reporting, transition to any GDSN attributes from local attributes (resulting from the Healthcare Dataset Review 2020/21)	Murray	Closed	All actions from the dataset review have been actioned into production and therefore this item was closed May 2022.
7.3	Allowing for the new dataset to stabilize and be implemented, complete a review/assessments of what data is actually being used and HCNPCAG to then decide whether any attributes can be removed from the sector requirements.	GS1 NPC team with Recipients	September 2022	Item added based on discussion in Sept 2021 to ensure that what is being requested is of value.
7.4	Use cases to be updated to add 'Supply Chain Surety' and reflect feedback from Reimagining workshops	Cath Koetz/Mark Blitenthall GS1	Closed August 2022	Updated Use Cases inclusive of feedback have been finalized and are now available as PDF and as a webpage https://www.gs1au.org/for-your-industry/healthcare/npc-in-healthcare/use-cases
7.5	Actions from Workshops to be shared with HCNPCAG for feedback to help define priorities	Cath Koetz GS1	Closed	Workshop details and agreed actions have been shared. Updates on all provided as part of pre-reads May 11th 2022 meeting. Propose closing this item and creation of new item regarding delivery of agree actions from Reimagining review process
8.1	New Attribute for 'Volume' raised by Ian Boyle from Queensland Health. NPC team to investigate options for automatically calculating Volume by using data already provided or option for additional attribute (if not able to be calculated).	Murray Robb/Ramesh Rayer GS1	Open	Awaiting feedback on details of requirement
8.2	Detailed actions from 'Reimagining NPC for Healthcare' to be reported at each meeting via project summary update and	Cath Koetz/Mark Blitenthall GS1	Open	Refer to update provided within pre-read documents

	reporting on specific items. Individual owners of deliverables will report where needed on progress.			
8.3	Review of UNSPSC to ensure a. version 19 is still appropriate; b. look at how GS1 could provide more tools to support suppliers in mapping codes; and c. ensure clear communication regarding how recipients use/wish to use UNSPSC classification to support their processes (supply chain surety, catalogue groupings etc..)	Ramesh Rayer	Open	Sub-working group has been formed to discuss. Proposal from meeting provided in pre-reads and topic included for discussion in agenda August 3rd meeting
9.1	Nominations for Co-Chair are open following resignation of Elizabeth Donohoo at the ADHA. Contact Cath Koetz for further information or to share nomination	Cath Koetz/All	Open	
9.2	AusUDID Pilot – Suppliers who are interested in participating in the pilot to have data flow from NPC to the Aus UDI database (TGA) should contact Cath Koetz	Cath Koetz/All	Open	
9.3	Distributor Model Sub Group – formed to review and develop proposal for any changes to the data model to better support the sponsor versus distributor ownership of data	Murray Robb	Open	
9.4	Interim Load Sub Group – formed to review and develop proposal for any changes to the data model to enable a potential interim and full product record	Murray Robb	Open	
9.5	API Interest Group – formed to discuss the application of API as part of enabling greater access to NPC data and therefore improved/wider use.	Keith Lai/Justin Middleton	Open	
9.6	Tendering Process Sub Group – formed to review and develop proposal for how to get greater utilization of data from the NPC within the tendering process. Addressing the need to recreate data in different formats, adding more value to the NPC data for suppliers and removing the inconsistency of data where the tendering data is totally different to product master data in the NPC.	Keith Lai		
9.7	Supplier forum to be set up to allow for discussion of issues specific to Suppliers providing data within the NPC. Agreed to be set up once the Data lake is launched	Cath Koetz/Nigel Fuller	Open	
9.8	Clearer communication on recipient use of data. Exploration to be undertaken to share more information around how recipients are using the NPC data (overall and specific attributes) in order to help ensure understanding within the supplier community.	Cath Koetz/Nigel Fuller	Open	

Meeting attendee summary

Name	Healthcare NPC Advisory Group - Meeting 11 - 3Q 2022
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Meeting details

Date	Time	Location
3 August 2022	2pm-4pm AEDT	Remote dial in – Zoom details in meeting invitation

Attendees	
Name	Organisation
Peter Wilson	Uniting Care Health
Karen Eadie	HealthShare NSW
Kamlesh Lal	HealthShare VIC
Risto Kacurkov	WA Health
Sarah Lankshear	Stryker
Reuben Daniels	Queensland Health
Julie Domanski	NT Health
Clare Allen	WA Health
Dolores Ternes	Smith & Nephew
Annette Fennell	3M
Chris Hawke	Device Technologies
Paul Davies	Queensland Health
Long Lam	HealthShare Victoria
Andrew Tempest	HealthShare Victoria
Sandy Giles	Cook Medical
Anni Zhu	Teleflex
Jonathan Gold	Calvary Health
William Lee	Roche
Brenton Stuart	SA Health
Ian Bull	ACT Health
Anojan Sivarajah	HealthShare NSW

Apologies received from
Rob Webb – Cook Medical
Paula Bandini – Boston Scientific
Andy Dalton – Ramsay
Deepti Shukla – WA Health
Michel Hulzebos – Healthscope
Matthew Dyson – GSK
Mitch Fortier – GS1 Australia
Marcel Sieira – GS1 Australia



GS1 Australia attendees		
Cath Koetz	Justin Middleton	Ramesh Rayer
Mark Blitenthall	Marcus Ng	Murray Robb
Andrew Brown	Keith Lai	Deborah Prince
Nigel Fuller	Anita Bordieri	

End of document