nehta

eMedications Management Functional Framework v1.1
Release Note

20 August 2015
Approved for external information

End product identifier: EP-2121:2015

The eMedications Management (eMM) Functional Framework outlines the key capabilities within medications management business systems. It can be used to identify opportunities and gaps in medications management process automation, system integration, information quality and terminology standardisation.

Release rationale

This is the subsequent release following its conception as part of the Jurisdictional eMM Collaborations Initiative. Further input has been provided by clinical, terminology and eHealth specialists.

The eMM Collaborations Initiative is one of a number of NEHTA-led implementation projects that leverage common solution designs and system enhancements to mature business processes, information exchange and system interfaces or integration.

Package inclusions

Updated (supersedes previous version)

Identifier	Name and version
NEHTA-2124:2015	eMedications Management Functional Framework – Release Note v1.1 (this document)
NEHTA-2128:2015	eMedications Management Functional Framework – Overview v1.1
NEHTA-2123:2015	eMedications Management Functional Framework – Model v1.1
NEHTA-2122:2015	eMedications Management Functional Framework – Category and Function Descriptions v1.1

Scope

The scope of the eMM Functional Framework covers a range of capabilities from medications reconciliation to dispensing, including supporting functions such as supply chain, and dependent functions such as reporting and monitoring.

Audience

The eMM Functional Framework is targeted at chief information officers, business planners, business analysts and enterprise and system architects.

Stakeholders

The following stakeholders have been involved in the development of this updated version:

- NEHTA architects

- NEHTA clinical advisors

- Jurisdictional eMedications implementers

Capabilities

Significant refinements since the last version are documented below.

Additions

1. Added function 27.7 Suspected Allergy / Adverse Reaction Confirmation to category 27 Allergies and Adverse Reactions Management

2. Added function 29.7 Prescription Exchange Service to category 29 Community Prescriptions. (The Prescription Exchange Service was mentioned previously as a dependency or interaction with a number of other functions.)

3. Added function 30.15 Imprest Management to category 30 Medication Dispensing.

4. Added function 31.9 AMT and Knowledge Base Mapping to category 31 Formulary and Catalogue Maintenance.

5. Added function 32.8 Immunisation Recording to category 32 Medication Administration.

6. Added function 36.6 eMedication Profile Management to category 36 Longitudinal Patient History.

7. Added category 48 Pharmacogenomics Services.

8. Added function 48.1 Pharmacogenomics Point-of-care Testing to category Drug-Genome Interaction Analysis.

9. Added function 48.2 Drug-Genome Interaction Analysis Testing to category Drug-Genome Interaction Analysis.

Changes

1. Re-ordered the function categories on the model diagram in ascending number order from top left to bottom right.

2. Function 30.7 changed name from 'Allergies and Adverse Reactions Reconfirmation' to 'Allergies / Adverse Reactions Reconfirmation'.

3. Function 30.10 changed name from 'Retail Pharmacy Submission Dispense Record Submission to PCEHR' to 'Community Pharmacy Submission Dispense Record Submission to PCEHR'.

4. Function 30.11 changed name from 'MBS Electronic Claiming' to 'PBS Electronic Claiming'.

5. Function 34.5 changed name from 'Other Determining Factors' to 'Other Determining Factors Analysis'.

6. Function 33.3 changed name from 'Standardised Supply Chain Data (GS1)' to 'Standardised Supply Chain Data (GS1) Management'.

7. Function 35.1 changed name from 'Misuse of Drugs' to 'Misuse of Drugs Reporting'.

8. Function 35.2 changed name from 'Medication Incidents' to 'Medication Incidents Reporting'.

9. Function 36.5 changed name from 'Diagnostic Imaging Result Report Viewing' to 'Diagnostic Imaging Report Viewing'

10. All function descriptions have been clarified or expanded.

11. Editorial changes of spelling, grammar and readability have been made for all details.

Removals

None

Known issues

There are no known issues in this release.

Support

This release will be supported until it is superseded by the next release.

For further support or to provide feedback, please email help@nehta.gov.au

Previous releases

End product identifier: EP-2031:2015

23 February 2015

Release rationale

This is the first official release following its conception as part of the Jurisdictional eMM Collaborations Initiative. This is one of a number of NEHTA lead implementation projects which leverages common solution designs and system enhancements to mature business processes, information exchange and system interfaces/integration.

Package inclusions

Identifier	Name and version
NEHTA-2032:2015	eMedications Management Functional Framework – Release Note v1.0 (this document)
NEHTA-2033:2015	eMedications Management Functional Framework – Overview v1.0
NEHTA-2034:2015	eMedications Management Functional Framework – Model v1.0
NEHTA-2035:2015	eMedications Management Functional Framework – Category and Function Descriptions v1.0

Scope

The scope of the eMM Functional Framework covers a range of capabilities from medications reconciliation to dispensing, including supporting functions such as supply chain, and dependent functions such as reporting and monitoring.

Audience

The eMM Functional Framework is targeted at chief information officers, business planners, business analysts and enterprise/system architects.

Stakeholders

The following stakeholders have been involved in the development of this release:

- NEHTA architects
- NEHTA clinical advisors
- Jurisdictional eMedications implementers
- Private health sector eMedications implementers

Capabilities

Significant refinements since the last eMM workshop updates have been documented below for the benefits of those participants. Other stakeholders will also gain an understanding of its evolution and ongoing maintenance by reviewing the latest updates.

Additions

1. Added Supply Chain function 33.1 National Product Catalogue Access

2. Added Supply Chain function 33.4 eProcurement

3. Added Supply Chain function 33.6 Electronic Healthcare Product Recalls (i.e. Recallnet)

4. Added 30.14 Prescribe / Dispense reconciliation to the Dispensing category

5. Added 40 Terminology Services category

6. Added the 32.6 'The five rights' medication administration to the Medication Administration category

7. Added the functional category of 'Terminology Services'

8. Added 40.4 as the 'AMT Release Local Transformation' function that will transform the RF2 file into a local database structure. (Substantial functionality and different to loading)

9. 40.6 SNOMED CT-AU Service Online Lookup Service

10. Added function 30.13 Clinical pharmacy review

Changes

1. The descriptions of the 'Medication Ordering' and 'Pack Based Prescribing' sub functions only covered hospital prescribing. Updated those descriptions to include community pharmacy too (i.e. primary care prescribing, community pharmacy dispensing)

2. The Terminology Reference Data Loading / Selection already existed (34.5) in the Formulary Maintenance category. Therefore moved it and renumbered to 40.5.

3. Separated the 'Selection' part of the Terminology Reference Data Loading / Selection function

4. Renumbered Drug Allergies Decision Support from 27.4 to 34.6 to reflect being part of the Clinical Decision Support (Medications) category

5. Changed name of category 29 to Community Prescriptions

6. Changed name of function 27.7 to Adverse Reaction Report Validation and Transmission

Removals

1. Removed 26.5 as it had already been moved and renumbered to 36.1.

2. Removed 32.5 from table of descriptions as it is not in the diagram as it had been subsumed by 32.5 'The five rights' function.