

eMedications Management Functional Framework Overview v1.0

23 February 2015

Approved for external information

Purpose

The eMedications Management (eMM) Functional Framework is published as:

- An A3 printable PDF of the model (NEHTA:2034:2015)
- An Excel spreadsheet containing descriptions for each category and function (NEHTA:2035:2015).

The framework establishes an agreed taxonomy, naming conventions and definitions for eMM processes, functional categories, functions and concepts that can be implemented by information systems performing medication management.

The framework serves as a starting point for in-house business systems planning, architecture and high level design or customisations. It can also be used to determine Australian Medicines Terminology (AMT) and SNOMED CT-AU terminology use cases, integration points and dependencies.

The framework supports eMM procurement through mapping of functional categories and functions to vendor products or planned system development.

It also supports development of a national eMM roadmap, architecture and high level system designs, in conjunction with the current and future state analysis being conducted in each jurisdiction as part of the eMM Collaboration programme.

Background

The concept of a functional framework is adapted from the HL7 EHR-S Function Information Model, which describes functional capabilities for an electronic health record system.

The NEHTA eMM Functional Framework has been refined, with input from all Australian states, to encompass the goal capabilities of automation, integration and AMT/SNOMED CT-AU terminology use.

It has been incorporated into the NEHTA Implementation Services Business Analysis Methodology. Links from business processes to the eMM Functional Framework allow the development of eMM specific implementation architecture and identification of system impacts.

Related artefacts and programmes

Additional eHealth functional frameworks have been developed to support the Rapid Integration to PCEHR programme and a number of jurisdictional and sectoral implementation projects that target other eHealth domains. The evolution and maintenance of these functional frameworks will rely on jurisdiction and industry inputs.

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