

Project Bulletin

HealthCollect Redevelopment Project

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What is the HealthCollect Redevelopment Project?

DHS Metropolitan Health and Aged Care Services (MHACS) Division currently maintains a discrete IT environment known as HealthCollect.

HealthCollect enables the exchange of information to and from DHS and the health sector.

HealthCollect is separate from DHS corporate IT environment.

This arrangement has raised issues regarding data collection governance processes, information management, back up and disaster recovery capability and privacy issues.

Advisers recommended that MHACS:

1. Redevelop the HealthCollect environment into an integrated and uniform systems framework.
2. Define the HealthCollect data collections "business criticality" and reform each of the collections to ensure that information relevance, availability, integrity, confidentiality and privacy are managed appropriately.
3. Migrate HealthCollect into DHS corporate IT environment and adopt corporate IT governance practises, protocols and standards.

Project Scope

The defined scope of the HealthCollect Redevelopment Project is to:

- Redevelop the current HealthCollect environment/applications and migrate to the DHS Enterprise Application Zone (EAZ).

- Reform/rationalise the key health data collections.

- Redevelop the Patient Records System (PRS/2) currently hosted by PayOffice Australia and migrate PRS/2 to the DHS EAZ as part of the generic suite of HealthCollect applications.

Key Project Benefits

The Investment Logic Map (ILM) for the HealthCollect Redevelopment Project defines four key project benefits, namely:

Benefit 1: Better support for planning and decision-making in DHS.

Benefit 2: More responsiveness to business requirements.

Benefit 3: Productivity improvements through resource reallocation.

Benefit 4: Reduced reporting burden for hospitals and agencies.

Other benefits that apply to the HealthCollect Redevelopment Project are:

- A single source of data for decision making, planning and policy formation purposes.
- Increase DHS population health data linkage capability.
- Reduced reporting burden for hospitals that use HealthSMART applications.
- Elimination of third party facility management arrangements.
- Increased data quality.

- Increased data extract frequency/elimination of current delays in obtaining data.

Project End State Condition

The end state condition for the HealthCollect Redevelopment Project is the delivery of an integrated application framework that:

- Provides quality data and a single source of data for decision making, planning and policy formation purposes.
- Is responsive to changing business requirements.
- Allows for productivity improvements through resource re-allocation.
- Reduces the reporting burden for the hospital sector.
- Provides an incentive to hospitals to take up HealthSMART applications.
- Increases DHS population health data linkage capability.
- Eliminates the need for third party facility management arrangements, for example the external facility management contract for PRS/2.

The key features of the redeveloped HealthCollect environment will be:

- Reformed/rationalised (quality) data collections.
- Direct data capture from HealthSMART and utilisation of the corporate DHS Enterprise Application Zone and DHS Secure Data Exchange.
- Secure, uniform operational processes and a single data repository, geared to trans-DHS and external data consumption needs.

Current Status of the Project

The project formally commenced in July 2007.

The project board has met twelve times to date.

A reference group has been formed.

The stage 1 requirements analysis and definition stage of the project is complete. The solution design stage has commenced. The reform of patient level data collections is also in progress.

The project is on track and is proceeding to plan.

ONGOING COMMUNICATION ACTIVITIES

Bulletin

A project bulletin will be released every quarter.

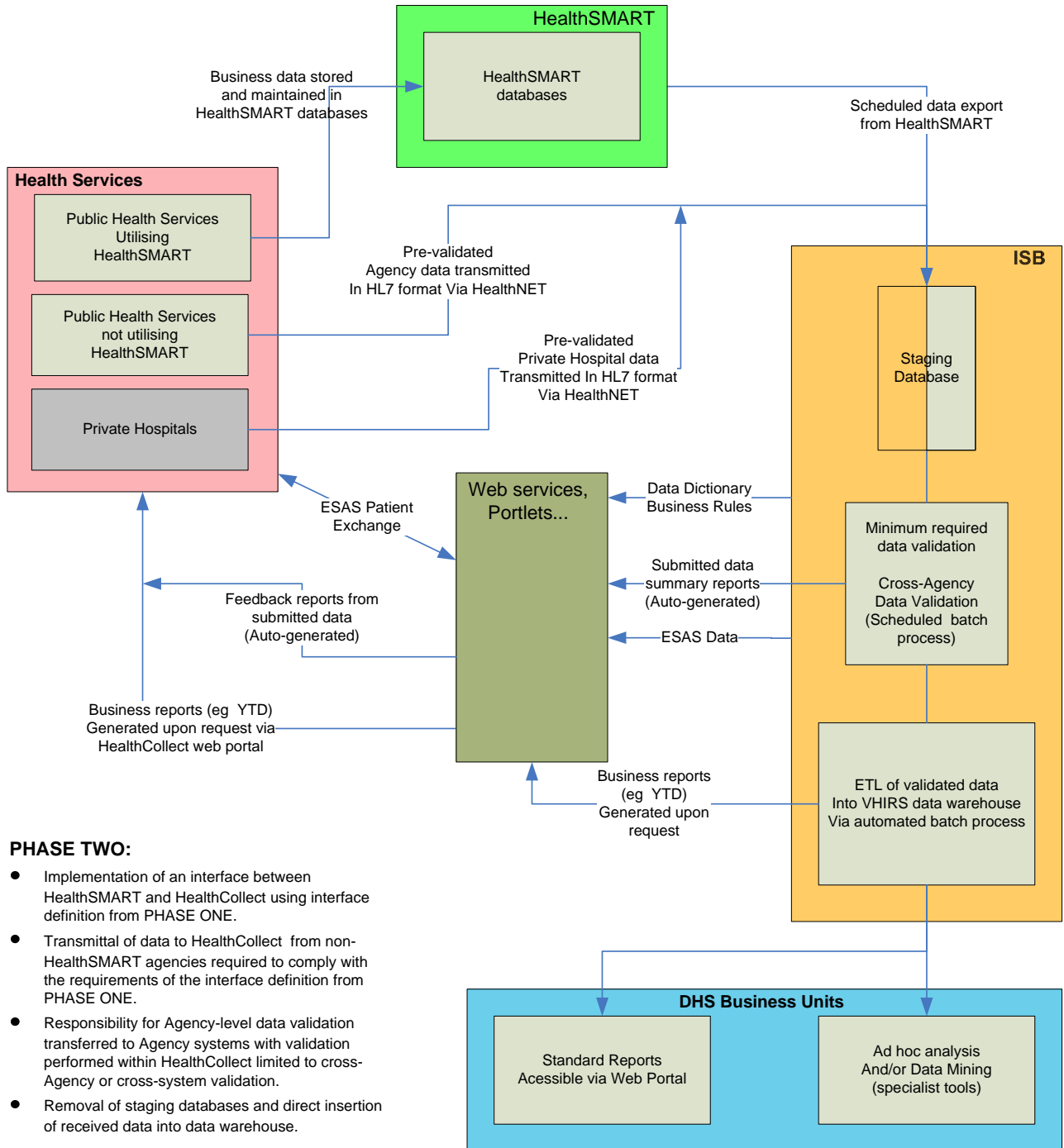
Forums

Project forums will be conducted biannually.

The next forum is scheduled for July 2008.

HealthCollect Redevelopment Target Architecture Diagram

HealthCollect Redevelopment – PHASE TWO



PHASE TWO:

- Implementation of an interface between HealthSMART and HealthCollect using interface definition from PHASE ONE.
- Transmittal of data to HealthCollect from non-HealthSMART agencies required to comply with the requirements of the interface definition from PHASE ONE.
- Responsibility for Agency-level data validation transferred to Agency systems with validation performed within HealthCollect limited to cross-Agency or cross-system validation.
- Removal of staging databases and direct insertion of received data into data warehouse.