Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

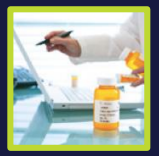
eHealth Ireland

Working Agile

& Alignment with Business

Delivering eHealth Ireland

Office of the Chief Information Officer



BACKGROUND

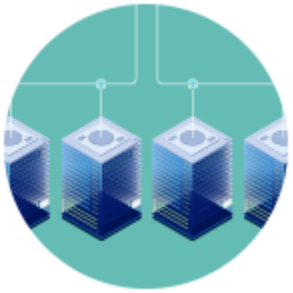
Today, a more impactful approach to Architecture Delivery is required

Principles….
of working agile & alignment with business

Focus on customer experience and their evolving requirements as a priority

Start with a (organisational) problem

Rapidly innovate and iterate architecture developments & delivery



Empower collaboration between different SME's within and across organisations

Success is about Business Outcomes, not Architecture

Focus on customer experience and their evolving requirements as a priority

Process Models & HL Business Processes

Business Models & Processes are required to efficient working using technology to deliver the business of healthcare

Dataset Specifications

Need for standardisation and a robust dataset specification which will underpin interoperability and data driven decision making

Compliance

Need to comply with EU directives, specifically EU 2011/24/EU

Security

Security is becoming an important component in sharing healthcare information

Standards

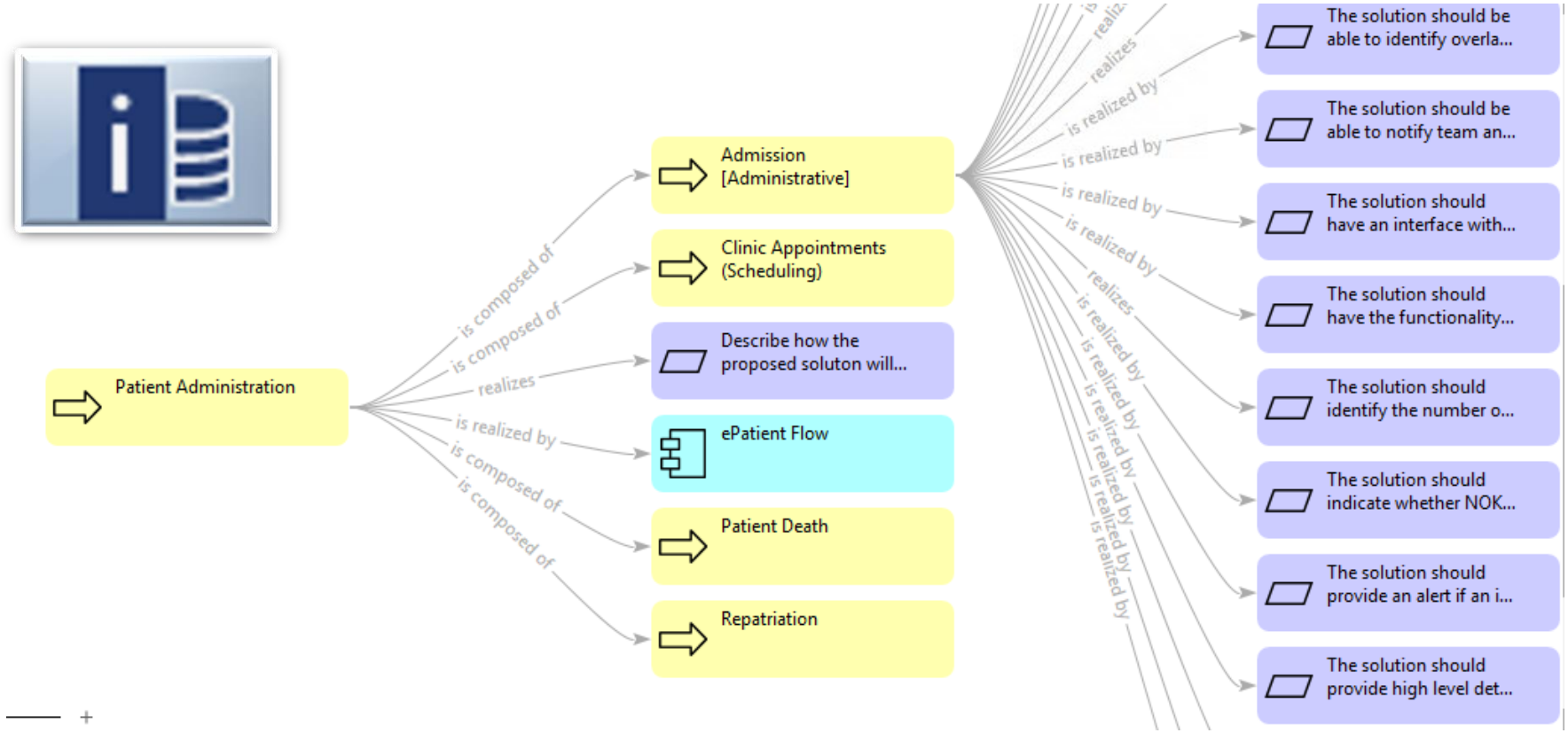
Urgent need to confirm that vendors can comply with the standards required to provide interoperability

Architecture Design

Need to support Solution Architects to deliver project and programme architecture

- Digital is changing the way we work
- *Time to Market (Procurement phase)*
- *Lack of Business Analysts*
- *Difficult to Architecture Standards* into the solution design
- *Not maximising the HSE's Organisational Knowledge (IP)*
- *Poor use of technology to maximise the value of scarce resources*
- *Vendor concerns*

Building Repository Content



iServer is Enterprise Architecture tool that provides a central repository for the EA team and Also provides a platform to collaborate with OCIO partners and access architecture documentation.

Enterprise Architecture Portal

Enterprise Architecture Portal

Designed as architected, implemented as designed

Home >

Home

Data & Information

Standards based design, test & conformance assessment and certification

Governance & Assurance

Guidance & Assurance on information architecture, interoperability and regulatory compliance

EU Programmes DoH & HSE

Supporting National eHealth policy, research, EU regulations and information sharing

Design, Test & Certification

Standards based design, test & conformance assessment and certification

SNOMED CT

SNOMED International — Leading healthcare terminology worldwide

Structured clinical vocabulary for use in national clinical systems & E.H.R's

Asset Library

Resources & content to support good design practice and business capabilities

Enterprise Architecture | Additional Information

- What is Enterprise Architecture ?
- eHealth Ireland - Enterprise Architecture
- 'To Be' Architecture
- Asset Classification Model

HSE | Strategies

- Sláintecare Implementation
- eHealth Ireland
- National Service Plan

Organisational Requirements

Enterprise Architecture Portal

Designed as architected, implemented as designed

Home > Design, Test & Certification > Requirements

Functional Requirements

Functional requirements define what a system is supposed to do

Data Requirements

Data requirements define the content and/or structure of data instances and values

Non-Functional Requirements

Non-functional requirements define how a system is supposed to be

Interoperability Specifications

Interoperability requirements define the degree to which the information and services are to be shared

Standards Requirements

Standard

Standards define established norms or requirements

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Functional Requirements

Enterprise Architecture Portal

Designed as architected, implemented as designed

Functional Requirements

Bed Management	HSE Reporting & BI	HSE System Support & Optimisation
Patient Administration	System Outputs	HSE System Requirements
Ward Management	HSE Configuration & Optimisation	Information Security
Hospital Patient Flow	HSE Project Management	HSE Training, Documentation & Help

Enterprise Architecture | Additional Information

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Patient Administration
Functional Rec
1: Process Area
2: Business Process
3: Functional Requirement
Patient Administration
Admission [Administrative]
Bed Management
Functional Requi
1: Process Area
2: Business Process
3: Functional Requirement
Bed Management
Hospital Bed Management
HSE Project Management
Non-Functional Requirements
1: Process Area
2: Business Process
3: Vendor Requirement
4: Cardinality
5: Current Version Supported? (Y/N)
6: Future Version Supported? (Y/N)
HSE Project Management
Project Team
Project Planning
Bed Booking Request Form
Data Requirements
ePatient Flow User Requirements
Architecture
Interoperability Standards
Referrals Management
Policies & Guidelines

Empower collaboration between different SME's within and across organisations

Sample Application Design - Standard

Quick Find item in 2: Heading

1: Application Design Name 1

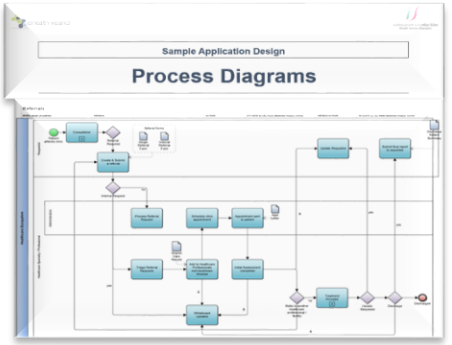
Name
Sample Application Design

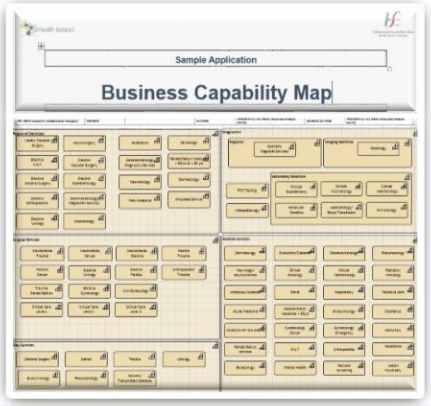
2: Heading 5

Relationship	Name
realizes	1.0 Solution Design
realizes	2.0 Reporting & Data Analytics
realizes	3.0 Project Management
realizes	4.0 Support & Optimisation
realizes	5.0 Training, Documentation and Help

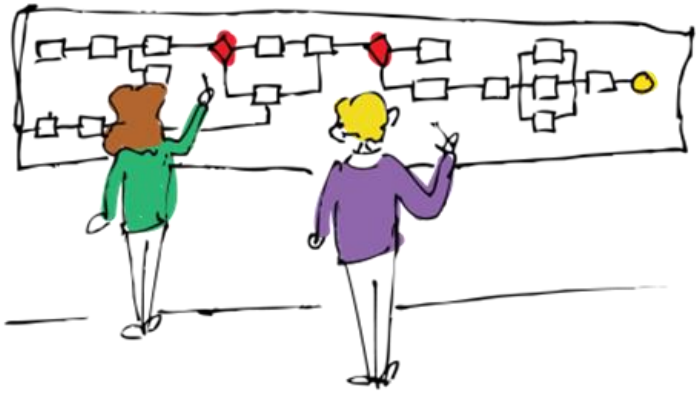
3: Business Activity 1

Relationship	ID	Name
realizes	4.0	Go Live and Early Life Support





Working Better Together



- Shorter phase in lifecycle
- Easy access to real time content
- Valuable organisational asset