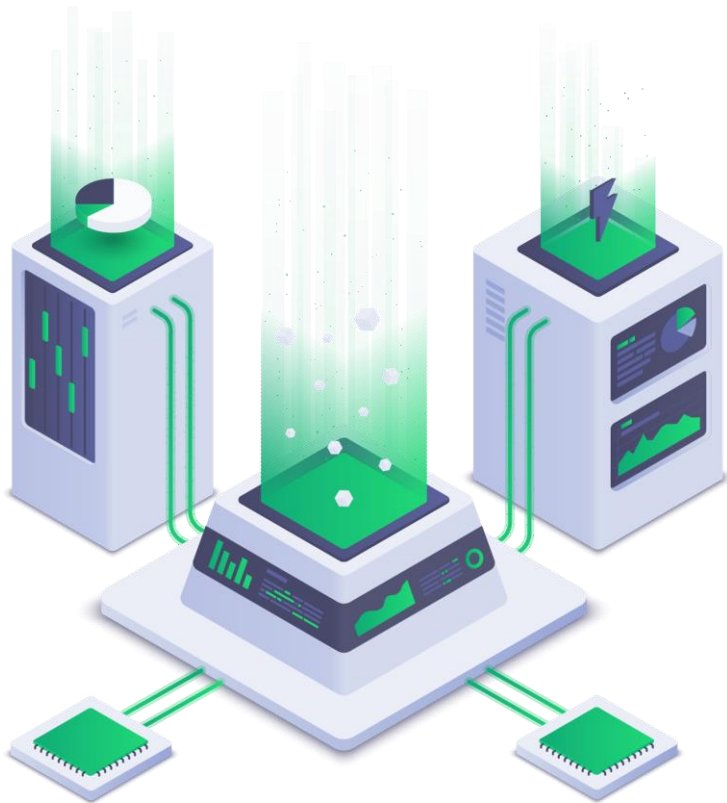




# Data, Automation & Interoperability

Techniques that Deliver Actual Business Benefits



## Agenda:

- Novigi Introduction
- The Why
- Key Concepts
- Aged Care Blueprint
- Case Study

# Novigi Introduction

# Novigi is Innovation

Novigi translates as "**Innovate**" in Esperanto and means:

*"To make changes in something established, especially by introducing new methods, ideas, or products"*

We can't think of a better way to describe ourselves than that!



Innovation



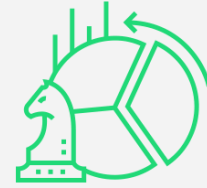
Collaboration

# What do we do?

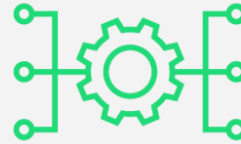
At our core, we are process and technology change management experts.

We specialise in helping our clients improve core business functions.

We work closely with our clients to analyse data, develop strategy, design solutions, develop plans and manage projects in order to implement change.



Consulting



Integration



Quant

# Growing Team



**Ashley Priest**  
Managing Partner



**Joash Belousoff**  
Head of Client Services



**Melissa Fuller**  
Head of Business Services



**Terry Donnelly**  
Head of Technical Services



# Why invest in Data, Automation & Interoperability?

There are 3 core benefits:



Efficiency



Insight

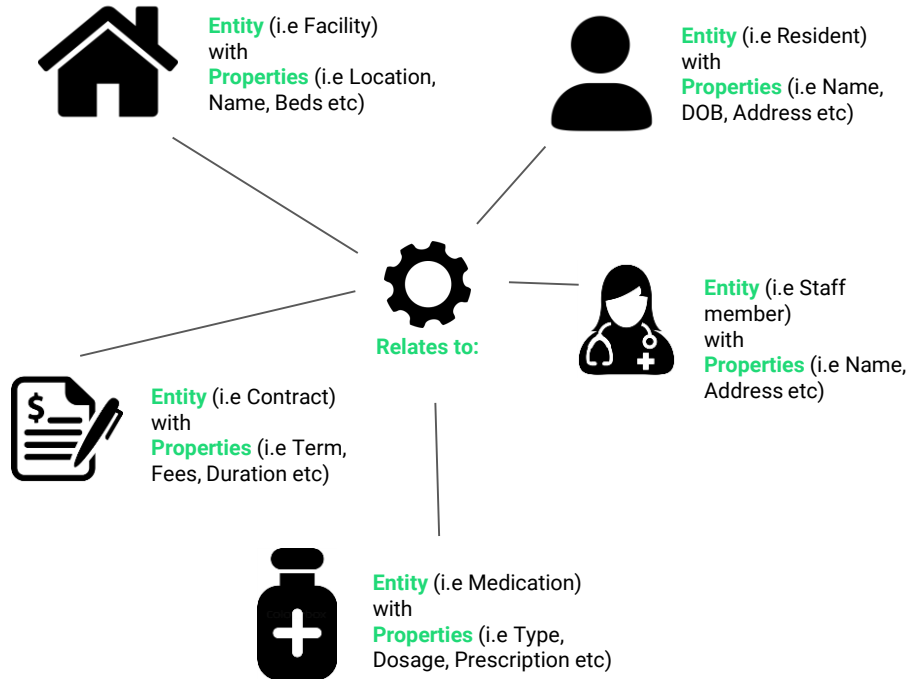


Digitisation



# Key Concepts & some buzz words explained

# Enterprise Data Model



Organisations need to interpret their business model in terms of the various data entities that exist in the ecosystem.

Thinking like this removes dependence on individual software applications and frees the organisation to properly leverage its data assets.

# Best of Breed

Organisations should leverage all the benefits of a “best of breed” approach including:

- Rapid Implementation
- Rich Feature Compatibility
- Leverages Industry Best Practice
- Promotes Business Flexibility
- Reduces Risk



Clinical Registry



CRM



Human Resources



General Ledger



Procurement



Payroll



Maintenance

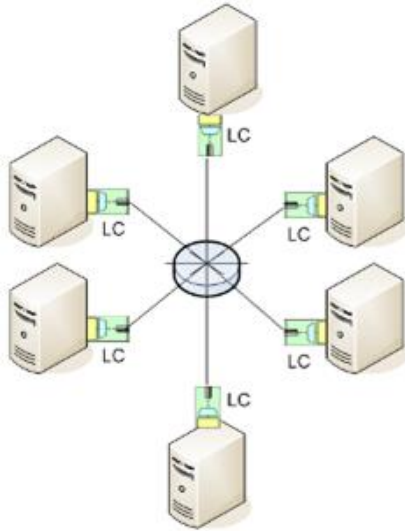


Catering



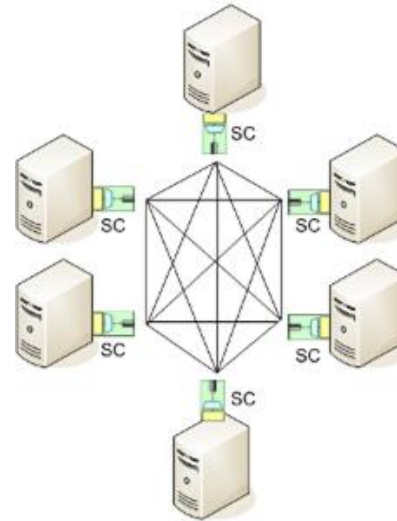
CMS & Web

# Loose Coupling



## Loose Coupling

Loose coupling between the various applications in the ecosystem is made possible by the implementation of an ESB based Enterprise Integration platform. This platform centralises and standardises Integration methodology. The core benefit is that it enables flexibility when adding and removing applications as well as dramatically reducing the complexity of integration support and management.



## Point to Point Architecture:

The other common integration approach is point to point integration whereby each application in the ecosystem is “hardwired” to all others. This model provides considerably less flexibility when changing applications and dramatically increases the complexity of ongoing support and management.

# Application Programming Interface



Think of APIs as the method via which various parties interact without human intervention.

The government is systematically migrating its service interfaces to API based models.

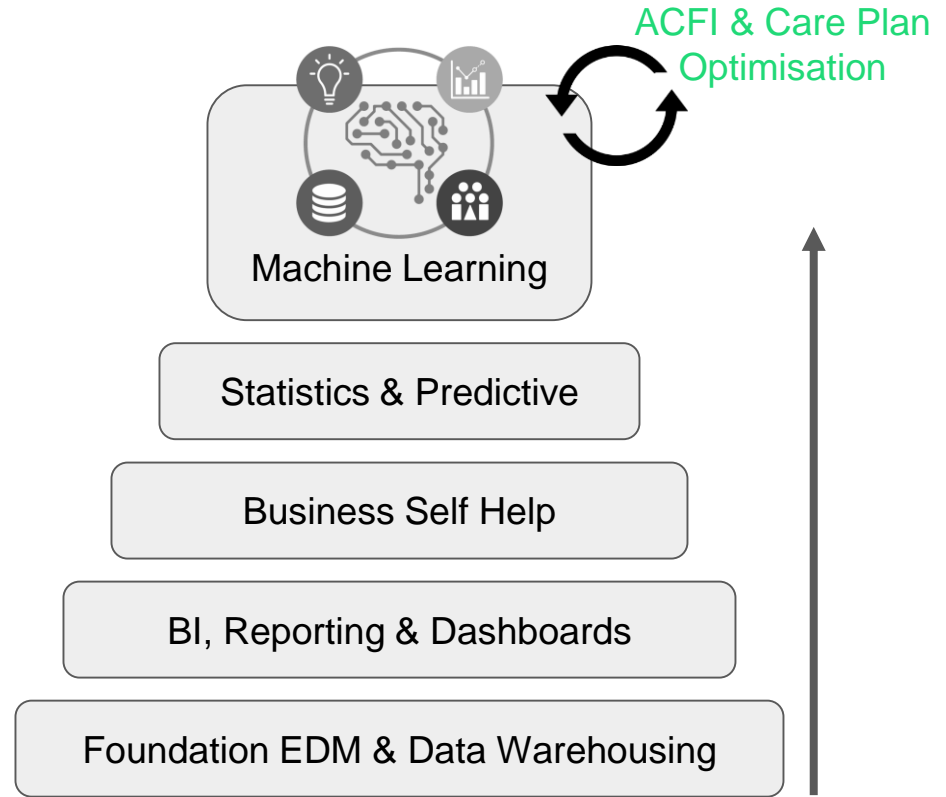
It's very important that organisations of all sizes have a plan for how they will extend their reach beyond their existing resources by building an ecosystem of partners to leverage the opportunities of the digital economy.

# Machine Learning

In very simple terms, Machine Learning (ML) is a computer analysing data looking for patterns related to specific features.

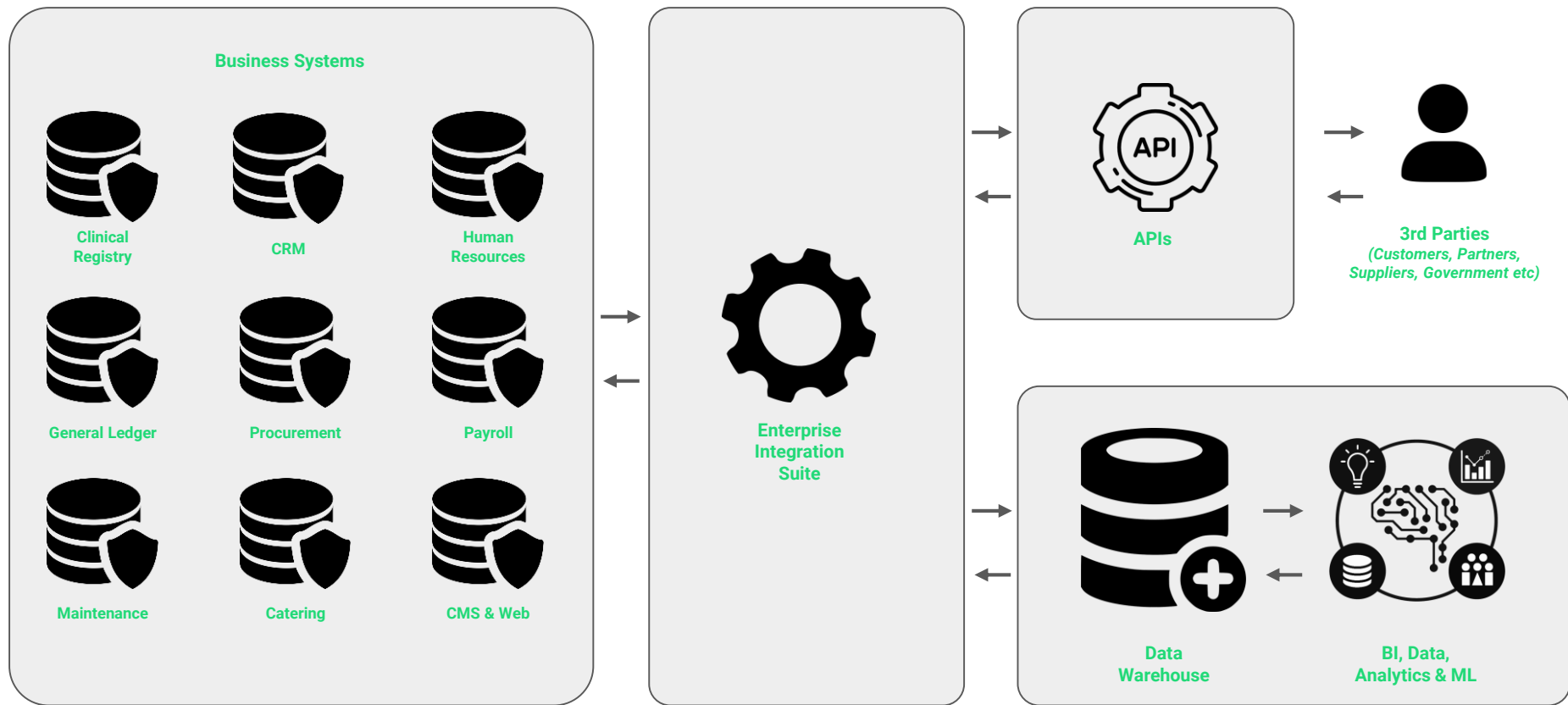
Getting to the point where ML is possible requires the implementation of a number of foundation steps.

Once enabled, high value insight can be generated on an ongoing basis.



# Aged Care Blueprint

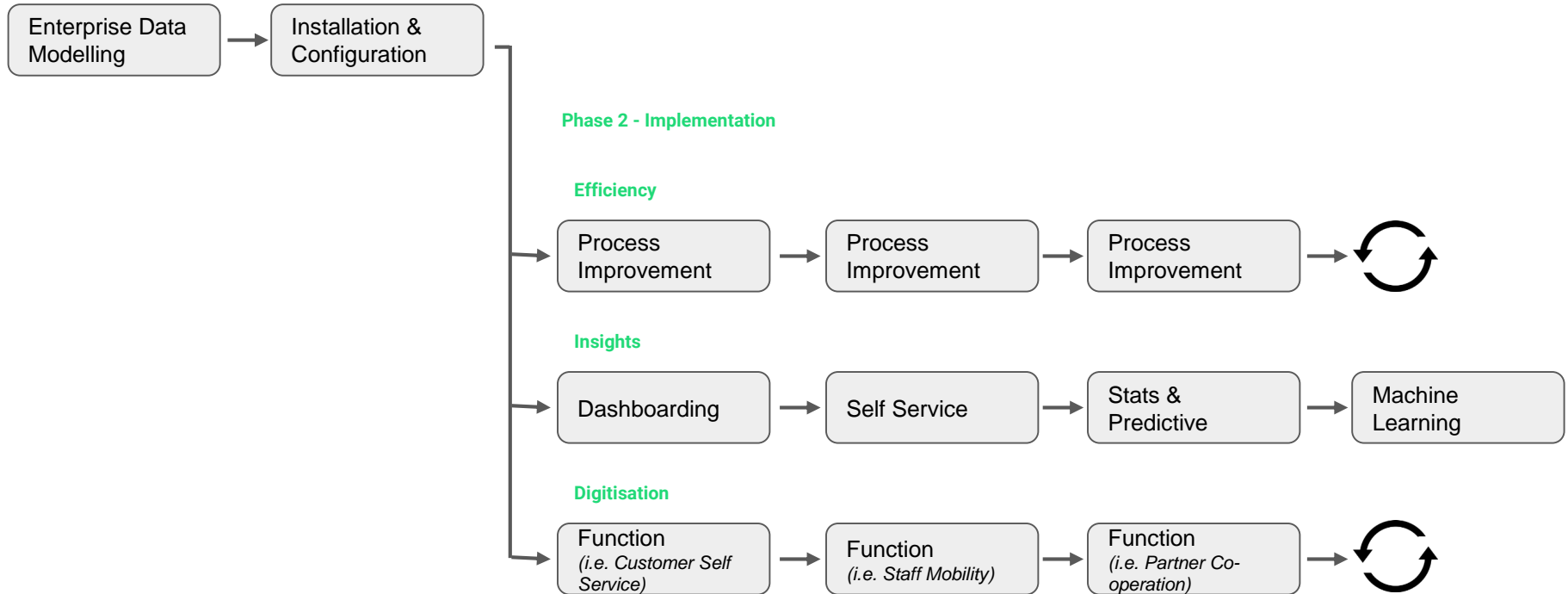
# Aged Care Ecosystem Blueprint





# Implementation Roadmap

## Phase 1 - Establishment



# Case Study

# IRT are into the benefits phase!



## Efficiency

- Timesheet & Payroll Automation
- Centralised Rostering
- CDC Service & Goods Procurement Automation
- Incident Management
- Billing, Statements & Letters Optimisation



## Insight

- Reporting Automation from Operational through to Board Levels
- ACFI Funding & Care Plan Optimisation
- Staffing Ratios and Roster Optimisation
- Patient Deterioration Modelling



## Digitisation

Roadmap Includes:

- Improvements in Customer Self Service
- Government Interaction Optimisation
- Industry Benchmarking Enhancements
- Staff mobility and clinical data capture

# Q&A