

kainos®

Purview

8-week POC

kainos®



We build next generation digital businesses, through delivery of intelligent digital services that use the best in talent and technology and embed capability in our customers.



55 million UK citizens positively impacted by services we've delivered



400+ blue-chip customers



150+ Agile projects successfully delivered



98% of customers rate our service as good, great or excellent



Key partners
Strategic and award winning Microsoft partner



Award-winning
40+ national industry awards



Some of our Financial Services Customers





UK Government rely on Kainos to build services that impact **55 million citizens** every day

- ✓ Every thing **imported and exported** to the EU
- ✓ Every piece of work to fix roads
- ✓ Every new **passport** & renewal application
- ✓ Every body's **pension** details
- ✓ Every **court** case and every prisoner
- ✓ Every company opened and closed
- ✓ Every home helped with help-to-buy
- ✓ Every **benefit fraud** prevented
- ✓ Every COVID test sent out
- ✓ Every COVID test result
- ✓ Every **user of the NHS** App
- ✓ Every UK civil servant trained
- ✓ Every Census confidence checked
- ✓ Every **voter registered**
- ✓ Every piece of produce grown in the UK
- ✓ Every driver and every vehicle on the road
- ✓ Every Visitor to **King Charles III** Coronation



Committed Microsoft Partner

Kainos is **Professional Services Partner of the Year 2023**. We are an **Azure Premier Support Partner**, are **ECIF ready** and are included in Microsoft's top partner programs e.g., **Azure Migrate Program, IOT Accelerate, CAF for Data & AI**

Our senior architects sit on **Microsoft Global Partner Advisory Council** panels and our senior data scientists sit on the **Microsoft AI Inner Circle**

What makes our partnership so strong?



40+ national industry awards



Well Architected Framework



Multiple Advanced Azure Specialisations



55 million+ citizens positively impacted

Flagship projects



"I cannot commend the Kainos team highly enough. They display an open, collaborative approach, excellence in Azure engineering and a relentless determination to succeed. They are an exemplary Microsoft partner."

Derrick McCourt, General Manager, Customer Success Microsoft UK

Our core expertise

2,400 technologists and delivery practitioners work **shoulder to shoulder** with our client teams to build next generation digital organisations



Cloud



Data and AI



Enterprise Agility



Engineering



Low Code



Managed services



Service and
experience design



Workday services
and products

- Deploy
- Optimise
- Test
- Audit
- Extend

We understand the Data and AI value chain

Operationalisation & Automation

The translation of one-off insight activities into a sustainable, repeatable and automated process, embedding insight generation into an organisation's day-to-day operations

Data Science & AI

The application of statistics, modelling, econometric, ML and GenAI techniques across large and varied data sets to generate insight and content to drive data-led decision-making and productivity

Reporting & Visualisation

The translation of data into **valuable business information**, using reporting and visualisation tools. The creation of dashboards

Data Management, Privacy and Security

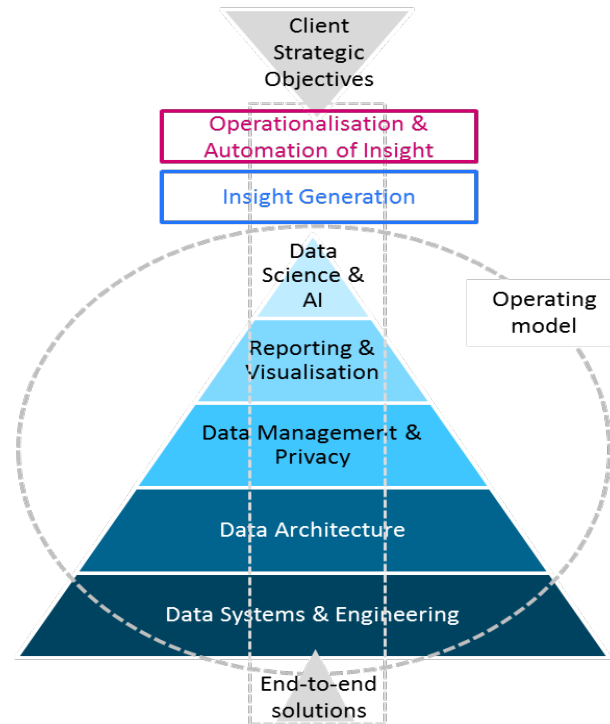
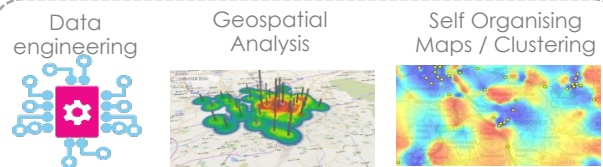
The application of governance, operational 'checks and balances' and data remediation, to ensure secure, **high-performance data**, compliant with regulation

Data Architecture

The development of data models (conceptual, logical, physical), which structure data appropriately and ensure that the insight needs of the business can be met

Data Engineering

The provisioning of data to the appropriate locations in the appropriate form, to support business applications or reporting & analytical platforms



Operating Model

The design and implementation of the people, process and capabilities required to operate enterprise-wide data management, analytics & AI

Enterprise Automation

The enterprise-wide enablement of automation and artificial intelligence technologies to streamline operations and deliver sustainable and ongoing business improvement

Insight Everywhere

The exploitation of data and delivery of reporting and analytics at scale across the organisation, embedding insight into operations to drive change and deliver value

Trusted Data

The implementation of effective management, control and governance to create and maintain a trusted data set on which business operations, reporting and analytics can be built

End to End Solutions

Industry-specific and cross-industry functional propositions which deploy all layers of capability to provision, structure, organise & analyse data to deliver insight requirements



Cost Optimisation



Showcasing the features of Purview to locate and identify data and support wider governance for compliance, security and innovation.

Shifting from an ungoverned data landscape to a governed and compliant one requires data custodians to locate and identify all structured and unstructured data. When utilised correctly and embedded effectively in ways of working, a Data Catalogue is an extremely useful tool. It will make data more accessible, interoperable and reusable enabling a culture where people are empowered to work with data for innovation whilst ensuring regulatory compliance. **Kainos' dual-track Agile 8-week Proof of Value programme delivers,**

- Provisioning of Purview cloud infrastructure across 2 environments incl networking, storage and identity management
- Setup and test connections to agreed data sources
- Setup collections, scanning config and scheduling
- Create agreed custom classification
- Configure sensitivity labelling
- Configure & populate business glossary and Metamodel
- Create and configure data estate and insight reports
- Purview future features assessment
- Agile documentation, roadmap to production incl business case development and board pack

Benefits of a Data Catalogue



Position your business for the future by enabling innovation with data



Enables a solid data governance foundation for compliance



Create accountability for how data should be used across the business



Provides a clear and trusted path towards addressable data sources



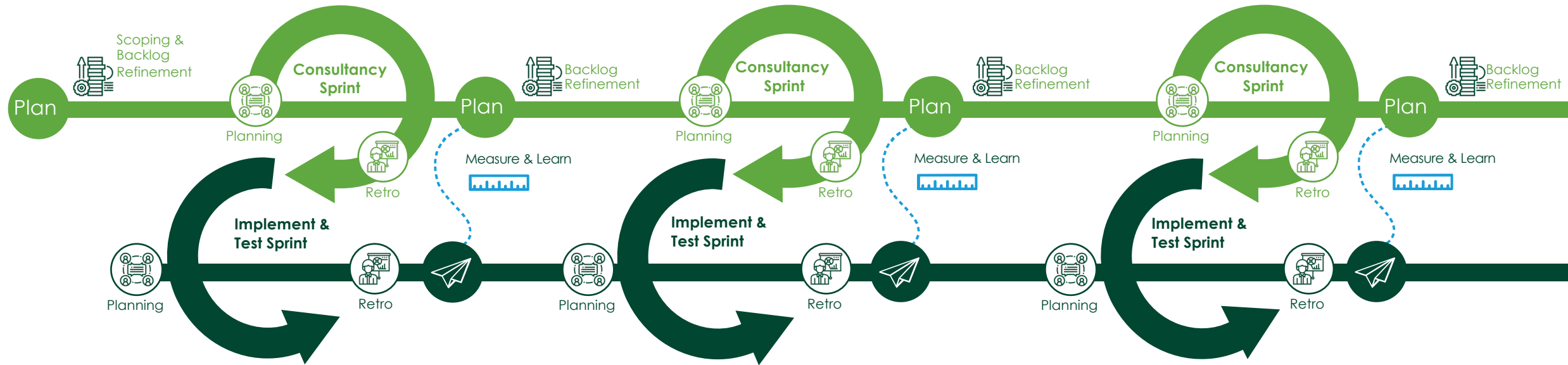
Enables optimisations of your business processes, streamline operations and be more cost-efficient with your data



Make informed decisions with data and understand and address business risks

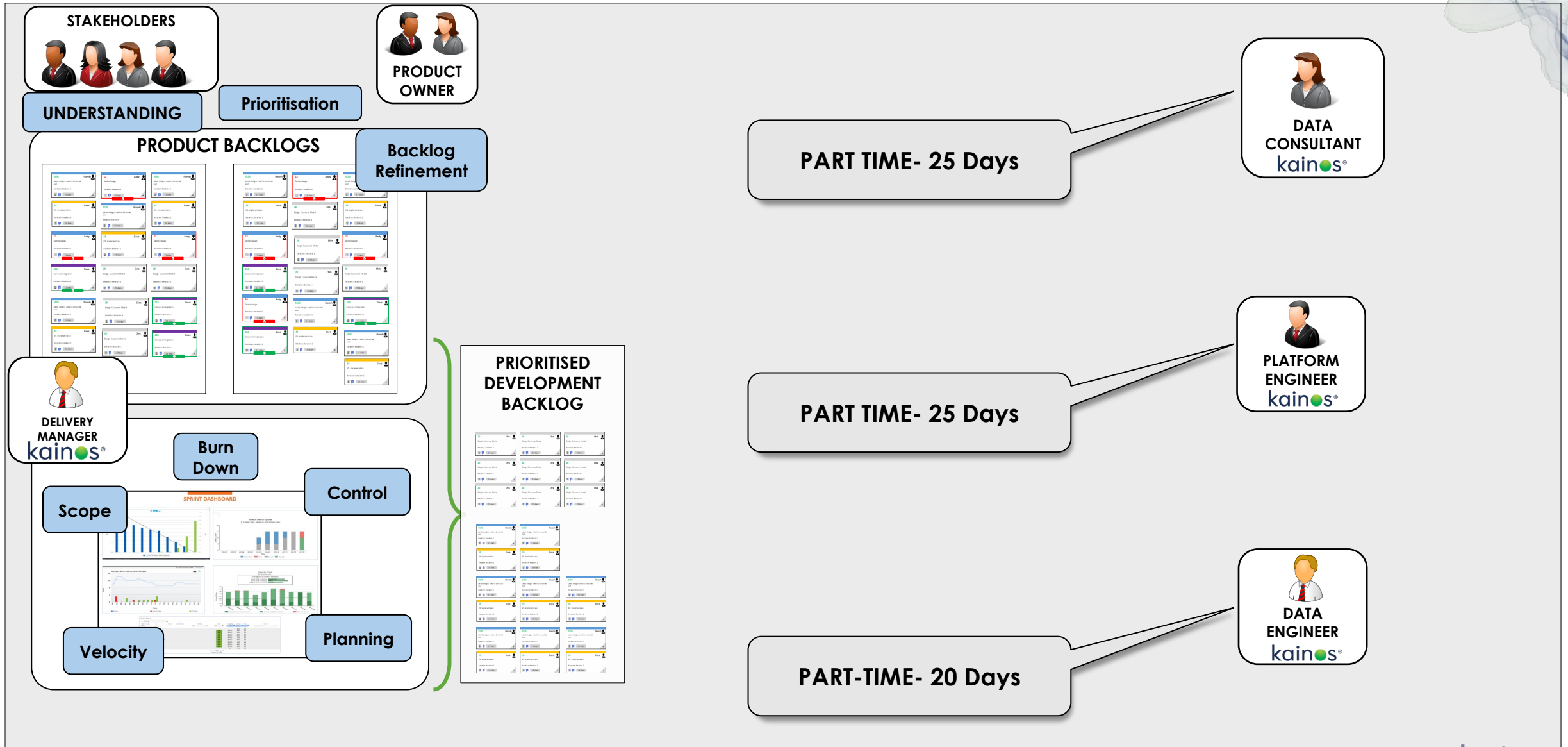
Kainos Purview PoV Dual-Track Agile Methodology delivers innovation at speed with control.

Consultancy Sprints backlog- Project governance, scoping, business/data context intersection, business glossary facilitation, metamodel creation, customer classifiers, sensitivity labels, beyond PoV incl. change management & data governance, technical documentation and board pack.



Implementation Sprints- Purview deployment in 2 environments, apply in-scope custom classifications and sensitivity labels, configure business glossary, create and config. of data estates insights report, demo of Purview features roadmap.

Purview Agile team model



Case Studies

UN International Organisation for Migration



An Azure Modern Data Platform with Purview data catalogue

The Kainos Solution

IOM faced challenges with data accessibility, fragmentation, and siloing, hindering effective collaboration and impeding the organisation's ability to maximize the full potential of their data.

By leveraging Kainos' Accelerated Azure Modern Data Platform service, IOM established a centralized and integrated solution, providing self service reporting to their missions across the globe.

As part of the project, Microsoft Purview was provisioned and configured as a proof of value, paving the way for comprehensive data governance. With the new Data Platform as an ideal PoV candidate, IOM proved how they could use Purview to easily discover, classify and understand their data and manage data in accordance with their Data Governance Framework

The solution

Data platform in numbers

24,000,000 records loaded in initial data load This includes :

14,200,000
Medical Service records

3,000,000
Health Assessment records

2,200,000
Case Records

3,800,000
Beneficiary Records

Along with various other reference and dimension data.

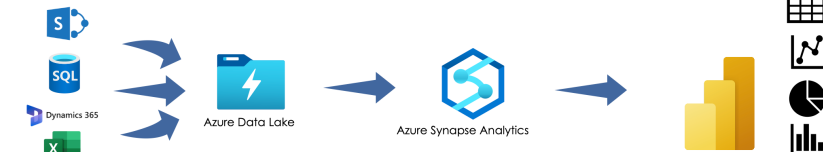
x6
Times faster query execution

x4
Times faster processing time for data

1/4th
Migrant Beneficiary Services have been ingested in the Data Warehouse

The Solution

A Limitless Enterprise Analytics Service... and a plan.



MVP Key Concepts

Focus on Data for Operational Efficiency

- Increase Data **Confidence**
- **Centralise & Govern**
- Automate, Automate, Automate
- **Self Service & Remove Bottlenecks**
- Proven **Traditional** Concepts + **Modern Tech Stack**

Design Principles

- | | | |
|---------------------|-------------------|------------|
| Flexible & Scalable | Easily Maintained | Azure + |
| Secure by Design | Performant | Re-useable |

24 million migrant records, automation and governance






Migration of legacy data into Workday through a managed data pipeline with continuous integration

The challenge


- **Reduce Risk:** Key legacy systems needed to be replaced and workflows modernized
- **Data Governance:** No current state architecture / No Governance Standards / Limited Change Process
- **No “Single Source of Truth”**
- Customer data needs to be **migrated securely into Workday**


Benefits & outcomes

-  Build out of the central data governance & management team
-  Reduced time to extract insight from source systems
-  Enablement of in-house data capability

The solution

- **Streamlined Approach:** A well-planned strategy by conferring with all business stakeholders to outline the scope of data migration, the timeline, and the availability of resources, will be in alignment with business goals to ensure a seamless migration.
- **Standardisation and consolidation:** consolidated EMC data into a single platform and standardised their toolset which has reduced complexity and lowered operating costs.
- **Automated data pipelines:** automated data pipeline from Cobol to an operational data store (Snowflake) then loaded into Workday.
- **Enhanced reporting:** developed an enterprise data platform (Snowflake), which is available for consumption by all business units.

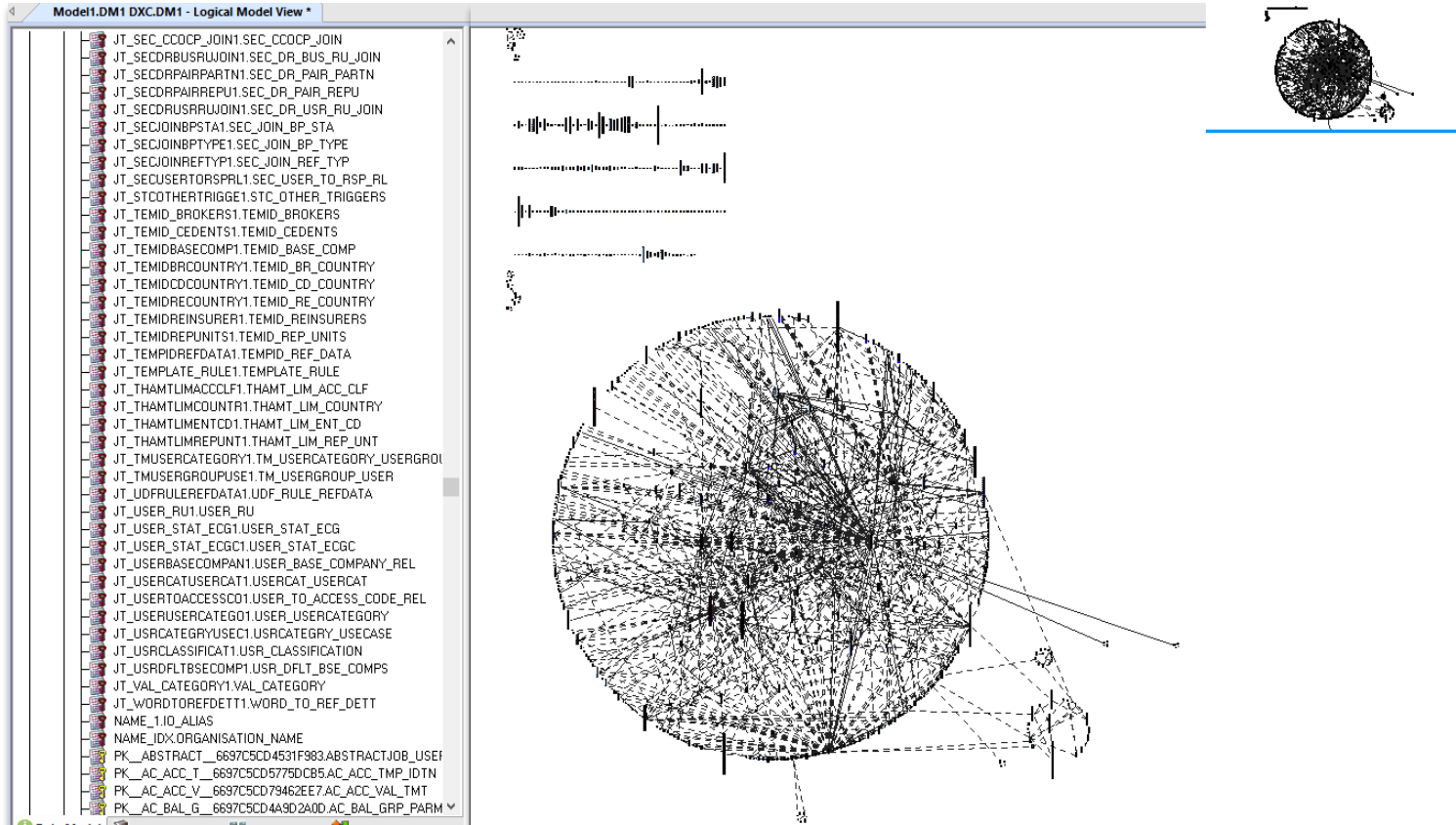
-  360 view of customer, claims, records, and history

-  Cultural and behavioural change towards data usage

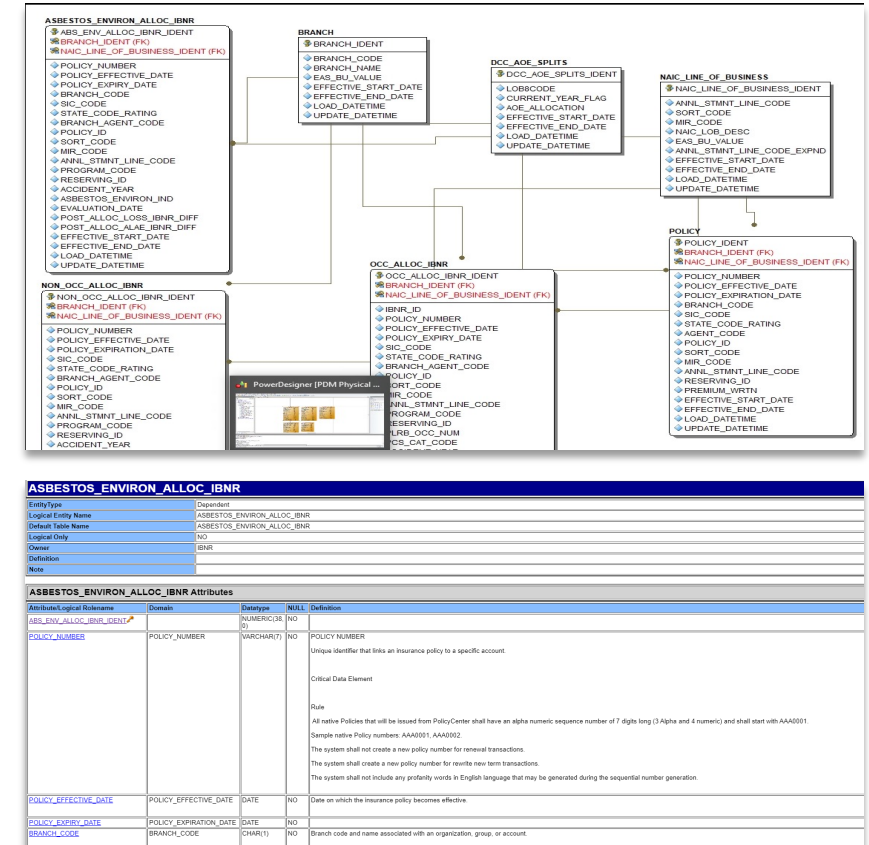
-  Enterprise Business Glossary, Data Dictionary , Enterprise Data Models and Catalogue

Building The EMC Insurance Enterprise Data Model, Dictionary and Catalogue

EMC Current State



EMC Future State





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