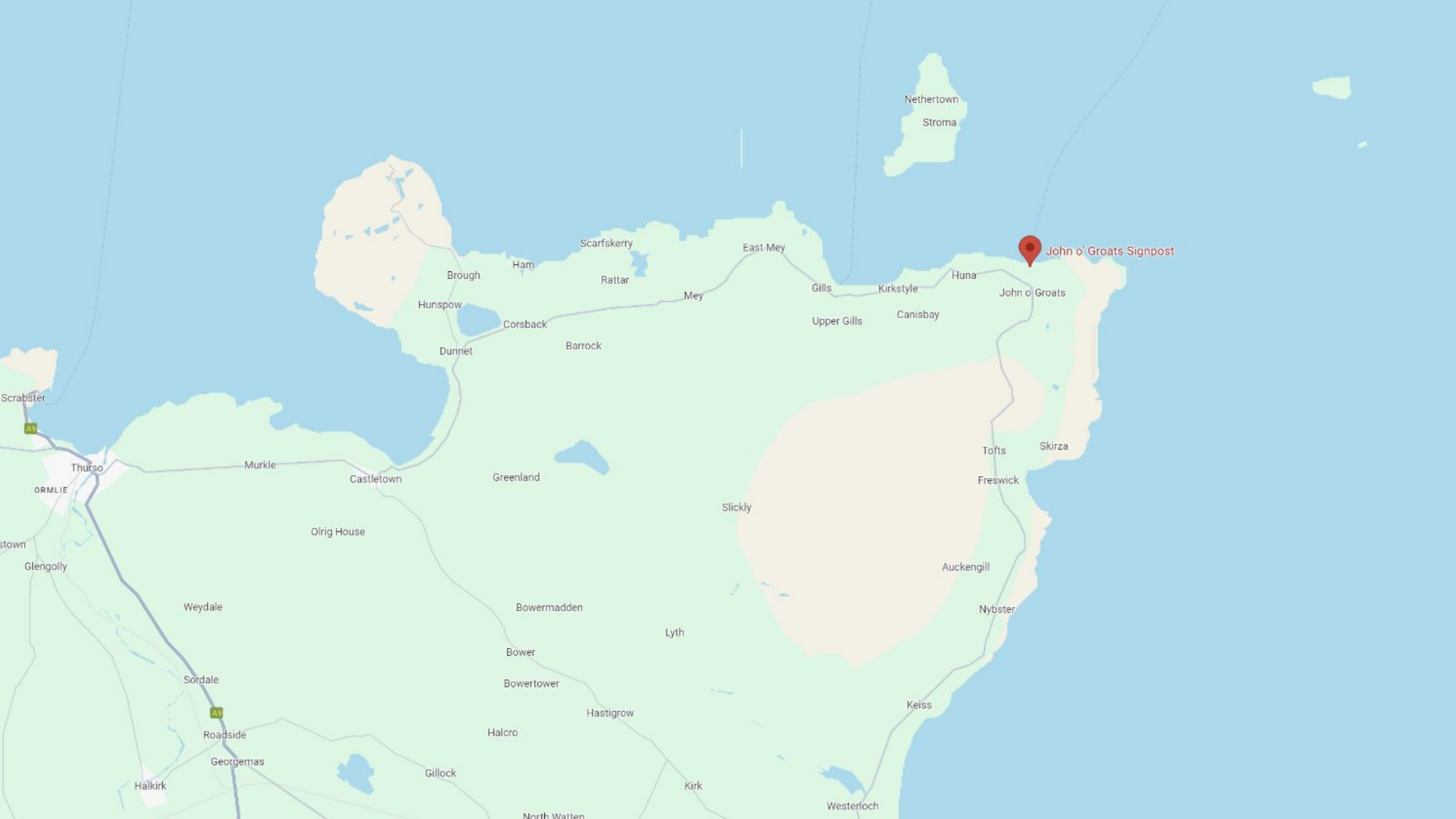
Ardoq

# The Future of Enterprise Architecture

## Bringing Reality to Strategy

James Tomkins, Senior EA, Ardoq


John o' Groats Signpost
Nethertown
Stroma
Scarfskerry
East Mey
Ham
Brough
Rattar
Mey
Gills
Kirkstyle
Huna
John o' Groats
Hunspow
Corsback
Upper Gills
Canisbay
Barrock
Dunnet
Scrabster
A9
Thurso
Murkle
Castletown
Greenland
ORMLIE
Tofts
Skirza
Freswick
Slickly
Olrig House
Glengolly
Auckengill
Weydale
Bowermadden
Nybster
Lyth
Bower
Sordale
Bowertower
Keiss
Hastigrow
Roadside
Halcro
Georgemas
Gillock
Halkirk
Kirk
Westerloch

John o' Groats
Kirkwall
Elgin
Inverness
Portree
SCOTLAND
Aberdeen
HEBRIDES
Dundee
St Andrews
Stirling
Edinburgh
Glasgow
298 hr
813 miles
United Kingdom
Londonderry
Derry
NORTHERN IRELAND
Belfast
Newcastle upon Tyne
Durham
Sligo
Isle of Man
Dundalk
Drogheda
Blackpool
Great Britain
Leeds
Liverpool
Manchester
Dublin
Galway
Ireland
Limerick
Kilkenny
Norwich
Birmingham
Tralee
Waterford
Dingle
Killarney
Cambridge
WALES
ENGLAND
Cork
Oxford
Cardiff
Bristol
London
Exeter
Bournemouth
Plymouth
Lands End
English Channel

# A multi-dimensional space

1. Your technology
2. Your processes
3. Your services
4. Your solutions
5. Your data
6. Your people

# CIO and Architecture Outcomes

## Grow Revenue

- Drive Transformation
- Align IT Investments with Strategy
- Execute M&A

## Manage Costs

- Reduce IT Complexity, Manage IT Costs
- Faster Impact Analysis
- Optimize Operations

## Reduce Risk

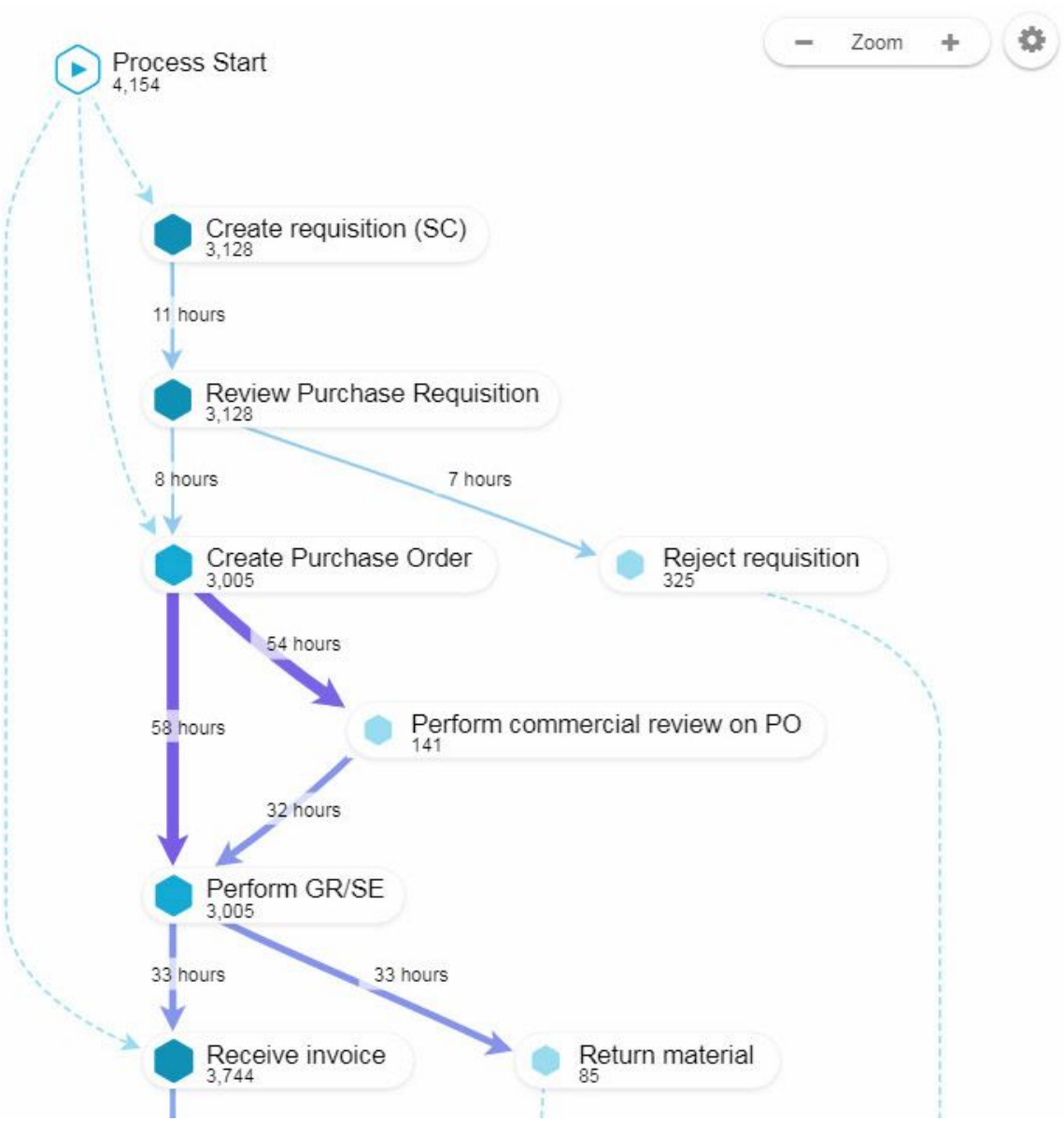
- Reduce Cyber and Technology Risks
- Manage Governance & Compliance
- Ensure Business and IT Transparency

# 1

# Technical Debt and Assessments

# 2

# Processes

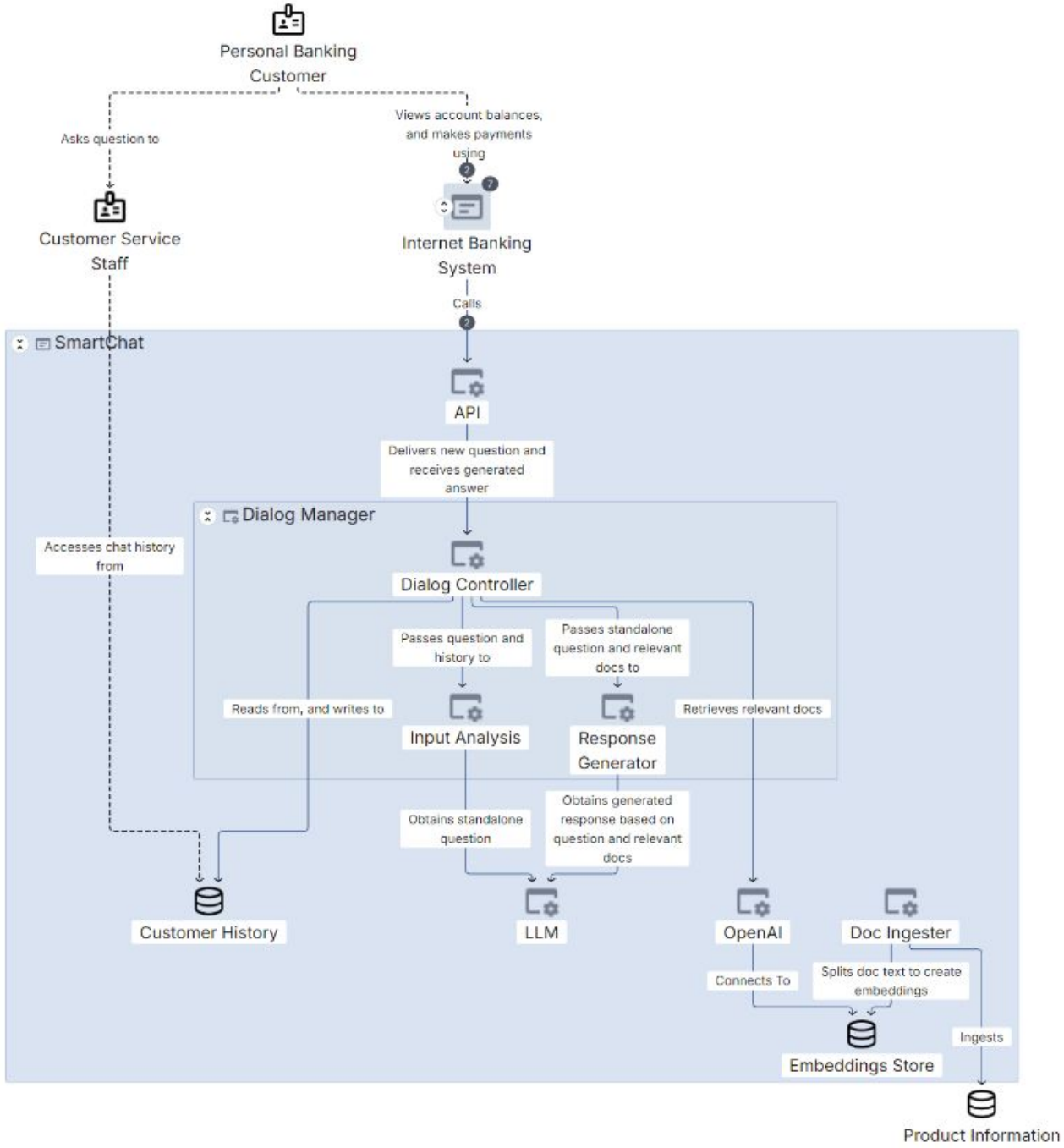

Zoom
Process Start
4,154
Create requisition (SC)
3,128
11 hours
Review Purchase Requisition
3,128
8 hours
7 hours
Create Purchase Order
3,005
Reject requisition
325
54 hours
58 hours
Perform commercial review on PO
141
32 hours
Perform GR/SE
3,005
33 hours
33 hours
Receive invoice
3,744
Return material
85
Activities
List view
100%
of activities
Reset
Less
More
Connections
List view
100%
of connections
Reset
Less
More
Fixed layout

# 3

## Services

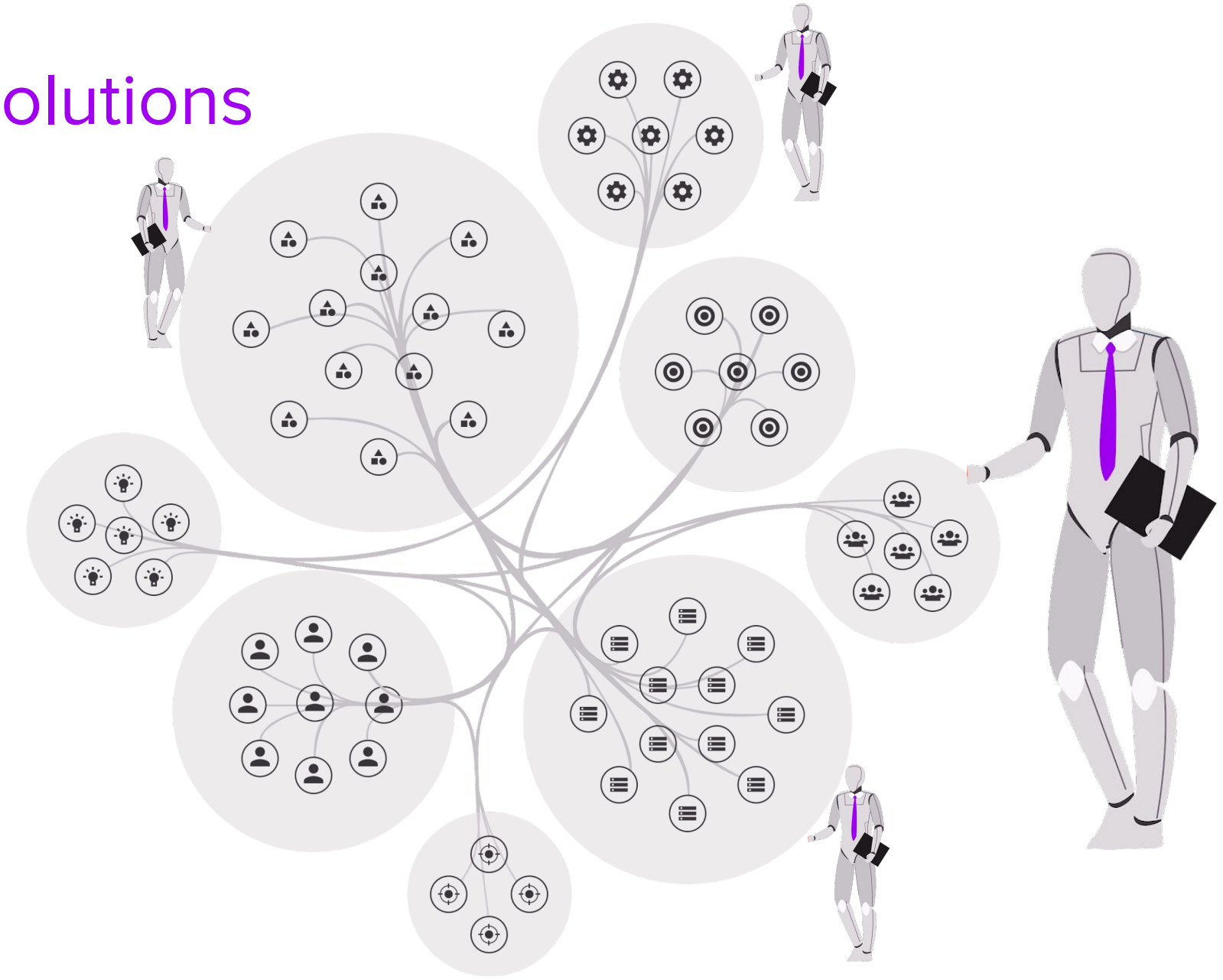
# 4

# Solutions


Personal Banking Customer
Asks question to
Views account balances, and makes payments using
Customer Service Staff
Internet Banking System
Calls
SmartChat
API
Delivers new question and receives generated answer
Dialog Manager
Accesses chat history from
Dialog Controller
Passes question and history to
Passes standalone question and relevant docs to
Reads from, and writes to
Retrieves relevant docs
Input Analysis
Response Generator
Obtains standalone question
Obtains generated response based on question and relevant docs
Customer History
LLM
OpenAI
Doc Ingester
Connects To
Splits doc text to create embeddings
Embeddings Store
Ingests
Product Information

# Augmented Solutions

1. Drive relevant techniques based on patterns
2. Automated Architecture Assessments
3. Suggest design for low-risk problems
4. Perform rote architecture actions
5. Auto-analyze enterprise architecture graph
6. Auto-update enterprise architecture graph



# 5

# Data

Architecture is a kind of abstraction.

Abstraction is selective ignorance.

*Andrew Koenig*

# 6

# People

Business plan
27 days
6/25 - 7/21
Structure
35 days
7/5 - 8/8
Planning
45 days
7/30 - 9/12
Designing
47 days
8/20 - 10/5
Project approval
48 days
8/29 - 10/15
Tasks
40 days
11/29 - 12/7
Meetings
47 days
Reaching goals
Final approval
Implementing
Milestone 1
6/18/2021
Milestone 2
Milestone 3
Milestone 4
2/15/2022
Milestone 5
2021
Jun
Jul
Aug
Sep
Oct
Nov
Dec
2022
Jan
Feb

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# Thank you, Zurich EA Community!

and Happy Holidays!