

# AI Innovation Shaping the Future

Wouter Boeser  
October 2, 2025



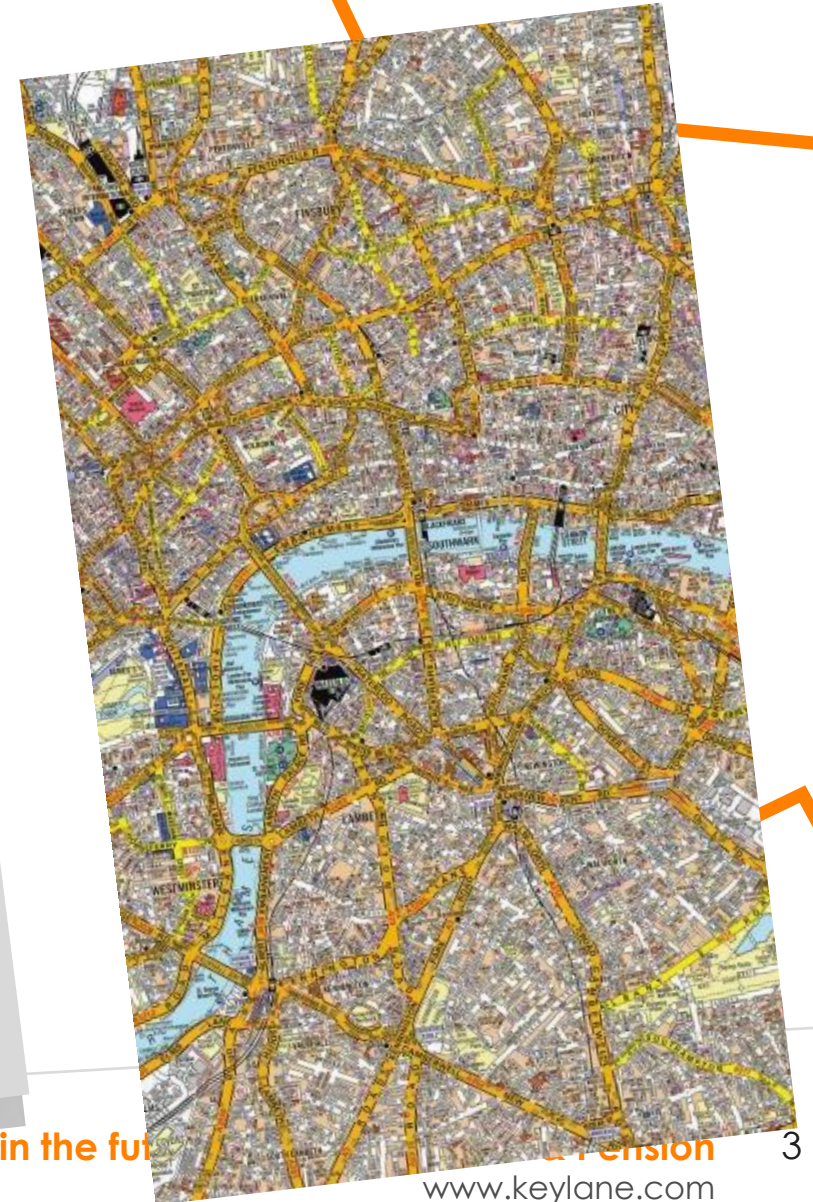
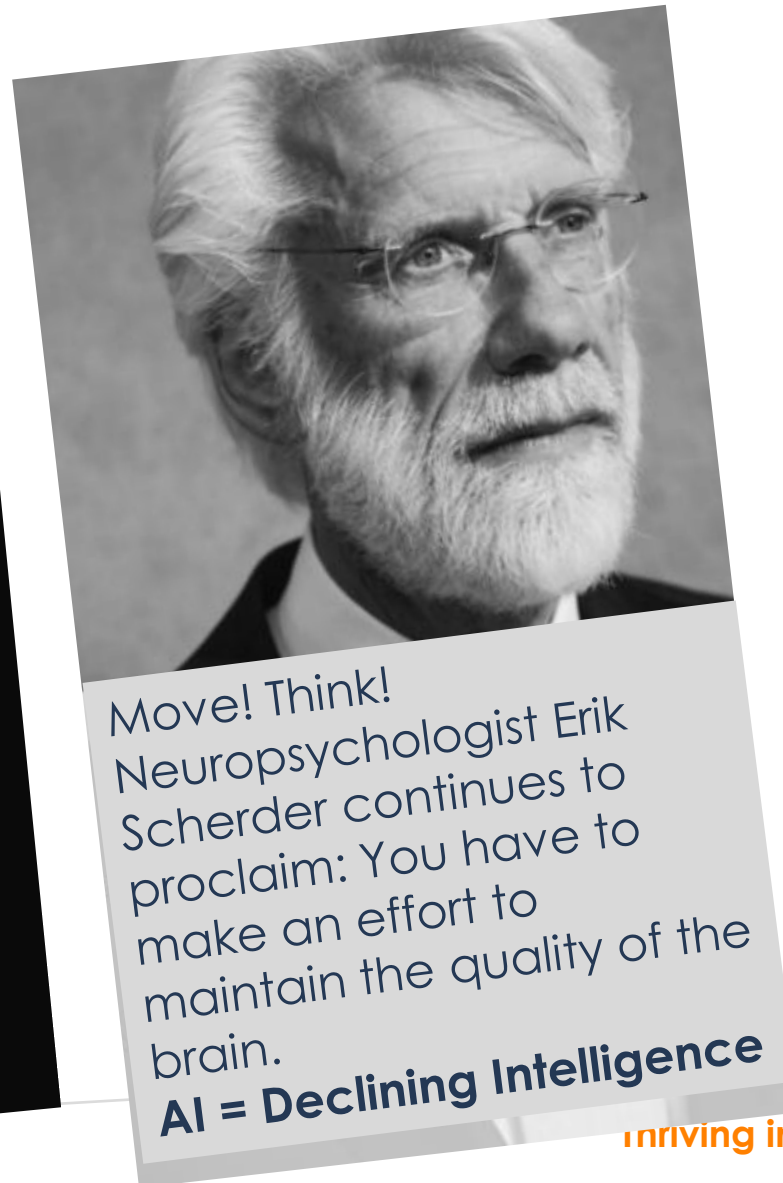
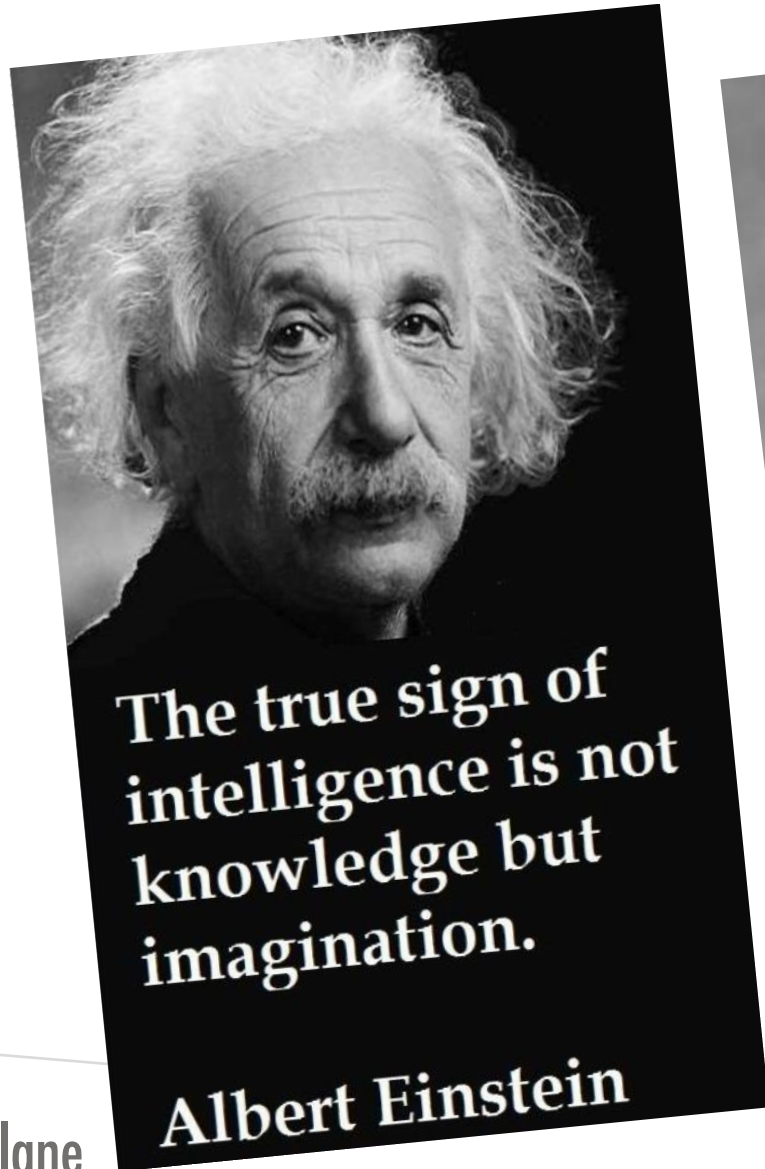
## Wouter Boeser

**Role** Principal Director Consultancy L&P

**At Keylane since** 2008



# Some Observations...





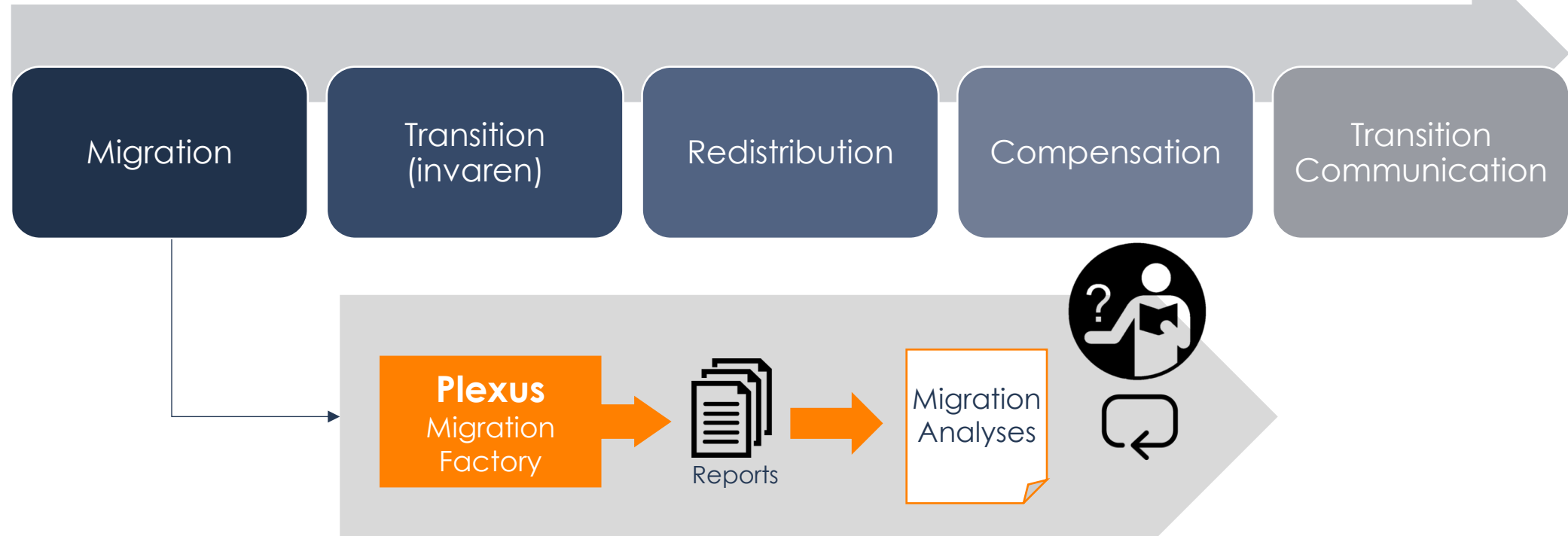


# Practical Applications in Development

- ⚡ Support for transitions to new pension regulation
- ⚡ Support onboarding new colleagues
- ⚡ Support for the configuration of a product for a pension fund
- ⚡ Support for Obex advisory conversations

# Support Migration to the WTP

Part of the BIG5 transition chain



# Migration Factory Creates Three XML Reports Per Business Entity



# Migration Factory Creates Three XML Reports Per Business Entity

> AccountBalance

> TodoWorkflow

> Policy

> Employment

> AdministrationAgreement

Numeration\_Policy\_20250527\_110159.xml

Status\_Policy\_POL87...20250527\_110159.xml

Overview\_Policy\_20250527\_110159.xml

	A	B	C	D	
	Policy	Seq	Colc	Code	
1	POL-ORPHAN-0010	IPwPNt7IpUdINWmHuG	RED	L_POL_0050	Person for legacyPerson
2	POL-ORPHAN-0020-job	IPwPNtftXeNhr0HfB	RED	L_POL_0070	Employment for legacyE
3	POL-ORPHAN-0020-paidup	IPwPNublz\$dFizJwy2	RED	L_POL_0050	Person for legacyPerson
4	POL-ORPHAN-0020-trig	IPwPNu7lwnDWFKeVmS	RED	L_POL_0050	Person for legacyPerson
5	POL1253784_02	IPwPNgUHG9@74YQd1Y	YELLOW	NL_POL_0074	Policy field legacyEmpl
6	POL1253818_02	IPwPNglHIdS2O7\$4bS	YELLOW	NL_POL_0074	Policy field legacyEmpl
7	POL1253846_02	IPwPNgUHGAnDuEtoFM	YELLOW	NL_POL_0074	Policy field legacyEmpl
8	POL1253869_02	IPwPO9OK6kaF2CaWOw	RED	L_POL_3061	PolicyCover Person for l
9	POL1253879_02	IPwPNhAHKY5C7WRakM	YELLOW	NL_POL_0074	Policy field legacyEmpl
10	POL1253882_02	IPwPNi1HSZR7mrrlIQ@	RED	L_POL_0050	Person for legacyPerson
11	POL1253927_02	IPwPO9NK6ayRnh5TaR	RED	L_POL_3061	PolicyCover Person for l
12	POL1253970_02	IPwPO9eK88YnLbQAke	RED	L_POL_3061	PolicyCover Person for l
13	POL1254064_02	IPwPNh7UMh5BLX8SCa	YELLOW	NL_POL_0074	Policy field legacyEmpl

```
Street is missing
at com.schantz.nlife.logic.contactpoint.NIAddressValidationLogic.validateStreet(NIAddressValidationLogic.java:63)
at
com.schantz.nlife.logic.contactpoint.NIAddressValidationLogic.validateAllFieldsAddress(NIAddressValidationLogic.java:25)
at java.base/java.lang.Iterable.forEach(Iterable.java:75)
at
com.schantz.nlife.logic.legalparty.NIPersonInfoValidationLogic.validateAddress(NIPersonInfoValidationLogic.java:22)
at com.schantz.generallife.logic.legalparty.PersonInfoValidationLogic.validate(PersonInfoValidationLogic.java:14)
at com.schantz.nlife.logic.legalparty.NIPersonInfoValidationLogic.validate(NIPersonInfoValidationLogic.java:16)
at com.schantz.generallife.logic.legalparty.WPersonWriter.validateLegalPartyInfo(WPersonWriter.java:69)
at com.schantz.nlife.logic.legalparty.WNIPersonWriter.validateLegalPartyInfo(WNIPersonWriter.java:13)
at com.schantz.nlife.logic.legalparty.WNIPersonWriter.validateLegalPartyInfo(WNIPersonWriter.java:9)
at com.schantz.generallife.logic.legalparty.WLegalPartyWriter.acceptLegalPartyChanges(WLegalPartyWriter.java:46)
at com.schantz.generallife.logic.legalparty.WPersonWriter.acceptLegalPartyChanges(WPersonWriter.java:51)
at
com.schantz.generallife.migration.logic.mapper.legalparty.LegalPartyDtoToLifeMapper.createPerson(LegalPartyDtoToLifeMapper.java:234)
at
com.schantz.generallife.migration.logic.mapper.legalparty.LegalPartyDtoToLifeMapper.getOrCreatePerson(LegalPartyDtoToLifeMapper.java:224)
at
com.schantz.generallife.migration.logic.mapper.legalparty.LegalPartyDtoToLifeMapper.map(LegalPartyDtoToLifeMapper.java:51)
at com.schantz.generallife.migration.logic.mapper.AbstractMapperLogic.migrate(AbstractMapperLogic.java:98)
at com.schantz.generallife.migration.logic.migration.WMigrationElement.migrateElement(WMigrationElement.java:65)
at com.schantz.generallife.migration.logic.migration.WMigrationElement.migrate(WMigrationElement.java:53)
at
com.schantz.generallife.migration.batch.logic.MigrationLockSafeListLogic.handleEntity(MigrationLockSafeListLogic.java:34)
at
com.schantz.generallife.migration.batch.logic.MigrationLockSafeListLogic.handleEntity(MigrationLockSafeListLogic.java:15)
at
com.schantz.foundation.batch.logic.entity.ObjectLockSafeListLogic.handleObject(ObjectLockSafeListLogic.java:82)
at com.schantz.foundation.batch.logic.entity.ObjectListLogic.couldHandleObjectInHandler(ObjectListLogic.java:490)
at com.schantz.foundation.batch.logic.entity.ObjectListLogic.handleObject(ObjectListLogic.java:437)
at com.schantz.foundation.batch.logic.entity.ObjectListLogic.handleObjects(ObjectListLogic.java:399)
at com.schantz.foundation.batch.logic.entity.ObjectListLogic$ObjectListThreadLogic.run(ObjectListLogic.java:615)
```

# Support Migration to the WTP

Part of the BIG5 transition street



**Migration Factory**

JIRA

Keylane Base

Plexus

- Input data
- Epic / defect registration
- Manuals & documentation
- Code base



# Solution Overview

## Migration Analysis AI

 Data Upload  Run Analysis

### Upload the input data

Excel file



Drag and drop file here

Limit 200MB per file • XLS, XLSX



Browse files

### Upload migration logs (ZIP)

ZIP archive



Drag and drop file here

Limit 200MB per file • ZIP

Browse files

# Migration Analysis AI

 Data Upload  Run Analysis

## Run Migration Analysis


This will run the analysis against the uploaded data.

Backend API online

### Progress

Status: running



 Thinking...

Total selected across groups: 24



Run  
Analysis



Restart

 Analysis started. Results will appear here.

Job created with key: e96d39dd-f5f1-4c40-b508-214f32c170db

# Solution Overview



Key

Thriving in the future landscape of Life & Pension

[www.keylane.com](http://www.keylane.com)

## Result

Agreement — 1 item(s)

Employer — 1 item(s)

WG-DIS-01 | Selected agreement on employer role does not exist

**Confidence: 0.90**

**ID:** WG-DIS-01

**Description:** Selected agreement on employer role does not exist

**Stacktrace:**

None

**Explanation:** Employer WG-DIS-01 references agreement A-DIS-001 which does not exist

**Likely cause:** Nonexistent legacyAgreementId on Employer

**Suggested fix:** Add an Agreement row with legacyId A-DIS-001 or update Employer.legacyAgreementId to an existing agreement

**Possibly relevant data:**

	Value
legacyAgreementId	A-DIS-001

**References that have been used:**

Migration Data

PP-29045

PP-31369

PP-45313

PP-18418

PP-24241

Ask follow-up questions

# Solution Overview





Agreement —



PD Plexus / PP-3129

## Salary change before Agreement Start Date possible

Edit

Add comment

Assign

More ▾

Done ▾

## Details

Type:	Bug	Resolution:	Fixed
Priority:	Prio 3	Fix Version/s:	2020.12
Affects Version/s:	None		
Component/s:	Scildon 1.5		
Labels:	None		

## Basic Release &amp; Planning Checks &amp; Controls

Customer:	Scildon
Phase:	Scildon 1.5

## Description

Addition LDY:

The problem here is a missing validation. We already have a validation to check if start date package  $\geq$  start date agreement. But we can at this moment deliver an illegal start date package. As currently it is possible to have schemeData with a start date package that lies after the end date of the period. In the screenshot below you'll see that for period 01.01.2020 - 31.07.2020, the start date package = 01.09.2020 and that should not be possible.

So, we need to add a new validation for this. The start date of the package cannot lie after the end date of the schemeData. So, it should not be possible to add such salary data (either via GUI, or employeeFile processing, or any other means).

From an employeeFile perspective: the `<DatumAanvangDeelname>` must be  $\leq$  to `<DatumEinde>` of the appropriate `<Pensioengegevens>` group. If this does not hold, the employeeMessage should be rejected and not processed (only reject this message, not the entire file).

References that have been used:

Migration Data

PP-29045

PP-31369

PP-45313

PP-18418

PP-24241



I think the problem is not right



Can you summarise this in one sentence?



But from which table?



It's the legacyAgreementId column on the Agreement input table (the "Agreement" entity sheet).It's the legacyAgreementId column on the Agreement input table (the "Agreement" entity sheet).

## Ask follow-up questions

### Error context

**Entity:** Agreement

**ID:** Concept-1

**Description:** Agreement delivery failed  
LifeMapperException

Stacktrace

I think the problem is not right

Clear  
chat

Clear  
chat

Clear  
chat

Download  
chat  
(JSON)

# Benefits...

## Acceleration of migration as part of the transition to WTP

- ⚡ Faster recognition of missed configuration
- ⚡ Faster insight into data quality and data completeness
- ⚡ Adequate suggestion of a solution in the event of unexpected errors, for example when calculating participation after migration



# Support Onboarding

- ⚡ Based on ChatGPT the **documentation of LeanApps** is available for onboarding purposes
- ⚡ The pattern can be applied to our other products as well

# Support Onboarding



## LeanApps Onboarding Guide

By Murthy Mantripragada &

✓ Using the creator's recommended model: GPT-5

Guides LeanApps team members with level-based course content.

Beginner

Intermediate

Expert

+ | Ask anything



# Support Onboarding

Talked to base.keylane.com

Here's an overview of **Party (Beginner level)** in LeanApps.

At this level, Party is introduced as a **core concept** that represents individuals or organizations interacting with the insurance system. Parties can have roles, attributes, contact details, and participate in contracts or correspondence.

## Key Beginner Topics on Party

- Person (Party) → Explains how a party can be a natural person, including basic data fields like name, date of birth, and identifiers.
- Persons (Party – Relationships) → Introduces how people can be connected (e.g., spouse, child, beneficiary).
- Contact Information (Party) → Covers phone numbers, email addresses, and postal addresses linked to a party.
- Correspondence (Party) → Outlines how letters, emails, and other communications are stored and associated with a party.
- Attributes (Party) → Describes configurable extra fields to capture additional data about a party.
- Contracts (Party) → Introduces how a party is linked to one or more insurance contracts.
- Parameters (Party) → Explains basic configuration settings for party handling.
- Disability (Party) → Covers special information when disability status is relevant to the party.
- Reports – Parties Without Role → Shows how to identify parties that are not linked to any functional role.
- Reports – Gone Away Parties → Helps track parties with invalid or outdated addresses.

✅ **Summary:** At the Beginner level, you should understand that a **Party is the foundation of the insurance data model**. Everything else—like policies, claims, and products—links back to one or more parties.

+ Ask anything





role.

- [Reports – Gone Away Parties ↗](#) → Helps track parties with invalid or outdated addresses.

✓ **Summary:** At the Beginner level, you should understand that a **Party is the foundation of the insurance data model**. Everything else—like policies, claims, and products—links back to one or more parties.

### 🎯 Quick Quiz (Beginner – Party)

1. What does “Party” represent in LeanApps?
2. Which page explains how two people are connected (e.g., spouse and child)?
3. Where do you find email and phone details of a Party?
4. What type of Party-related issue does the “Gone Away Parties” report highlight?
5. Why are attributes useful for a Party?

📖 Explore other levels:

➡ [Beginner ↗](#)

➡ [Intermediate ↗](#)

➡ [Expert ↗](#)

Would you like me to **expand on one of these beginner subtopics** (like Contact Information or Relationships) with examples?

📄 👍 🗨️ ...

+ | Ask anything



# Support Onboarding



# Support Configuration Pension Fund

## Product configuration



# Support Configuration Pension Fund

Product configuration

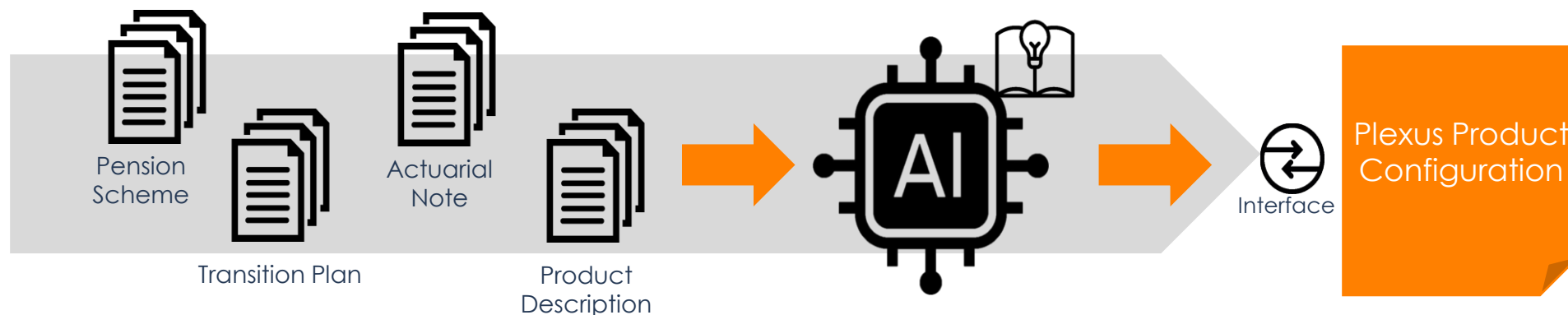
## Plexus Configuration Manager

- ⚡ Enables via services the export and import of product configurations
- ⚡ Support pushing configurations from development to acceptance to production



# Support Configuration Pension Fund

## Product configuration



**Plexus**  
**JIRA**  
**Keylane Base**

- Current configurations
- Epic / defect registration
- Manuals & documentation



# Benefits...

## Automated starting point of the structure of the pension scheme

- ⚡ Acceleration of analysis of unstructured documents
- ⚡ Reuse of configuration based on similar schemes
- ⚡ Less error-prone due to reducing manual configuration
- ⚡ Ability to confront configuration with changed documents (requirements)

# Incorporating Alvenir in Obex

- ⚡ The **Obex** holistic financial planning platform provides your customers with a **compliant and transparent financial overview**
- ⚡ A pilot has been setup to investigate the possibility to incorporate **voice recognition** into Obex
  - How can it track and trace conversation in Obex and deliver an outline of the **advice report**?
  - How can it track and trace information that is to be **stored in administration systems**?
  - Together with our customers a **pilot is setup**, and we expect to have actual results in October for our user group session
  - Next step is to use Alvenir to **support the advisor** in suggestions for advice





# Questions?