ILAP Data Exchange
Testing kick-off
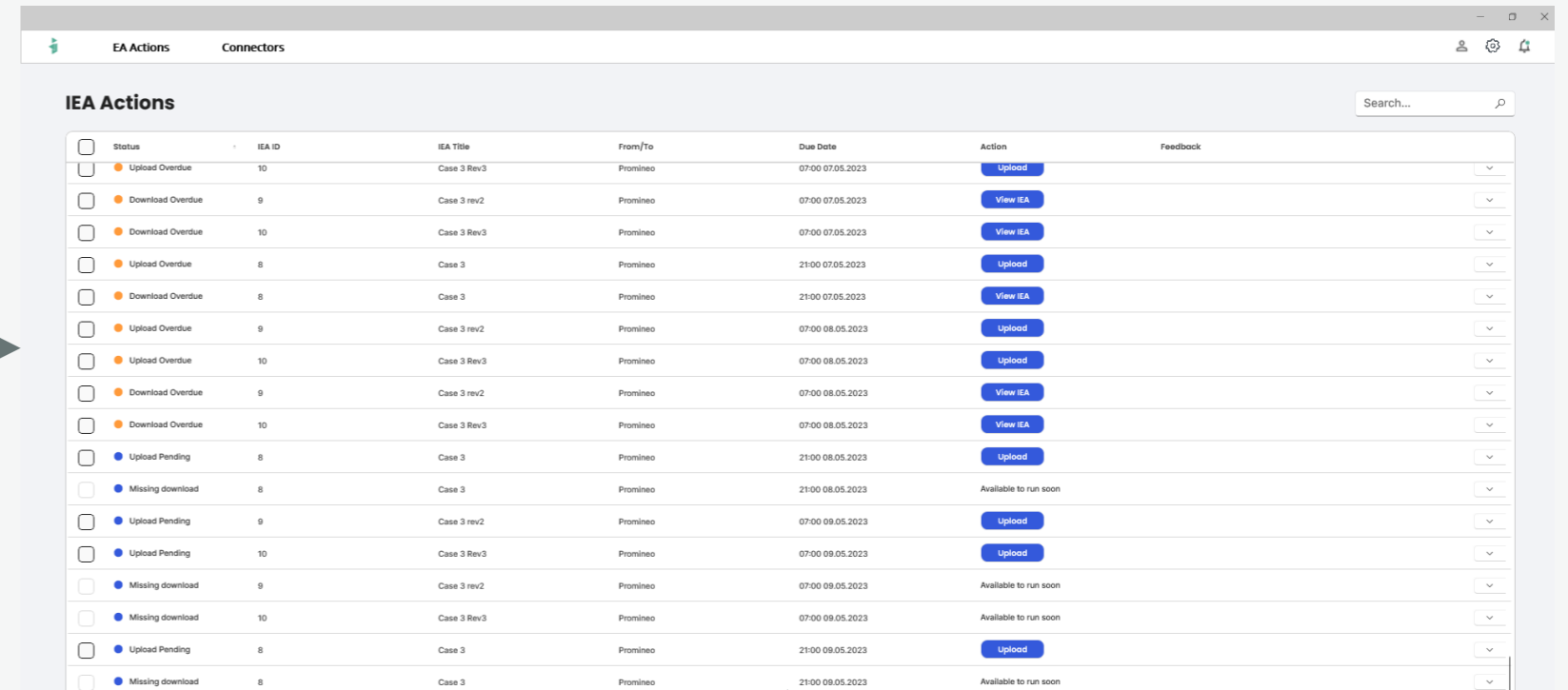# 11.05.23

Main IT Components

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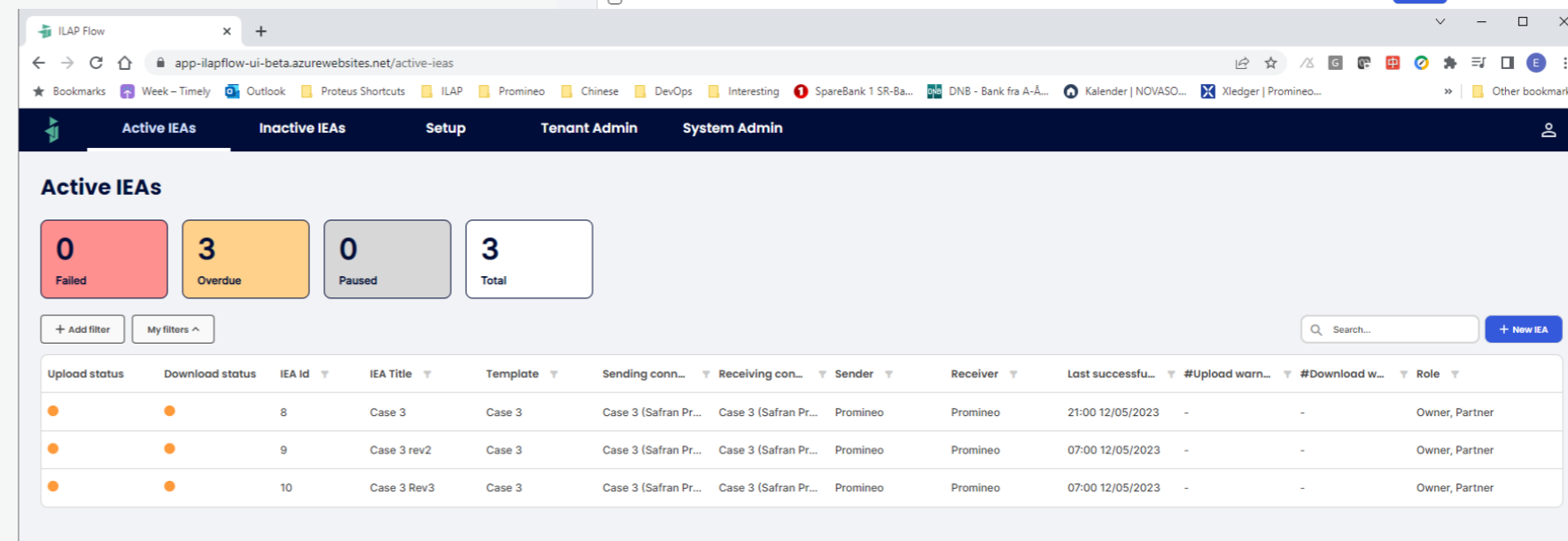**Desktop Application**
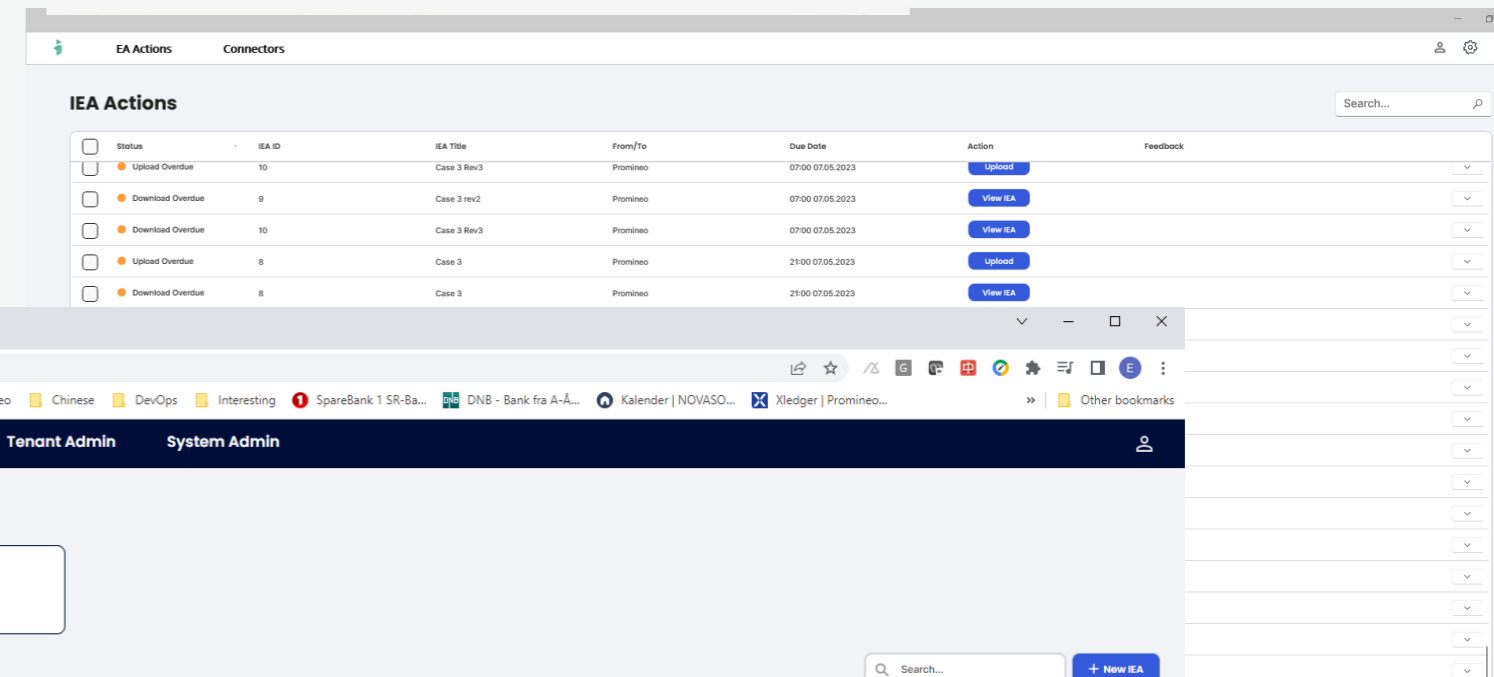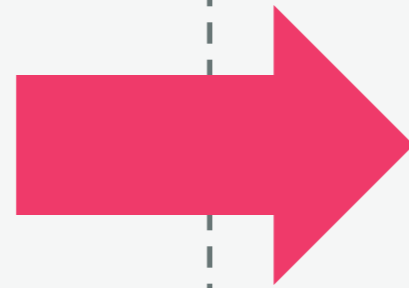
ILAP Data Exchange Service

Web Application

Scheduling Software

ILAP DataExchange - From Desktop to Service
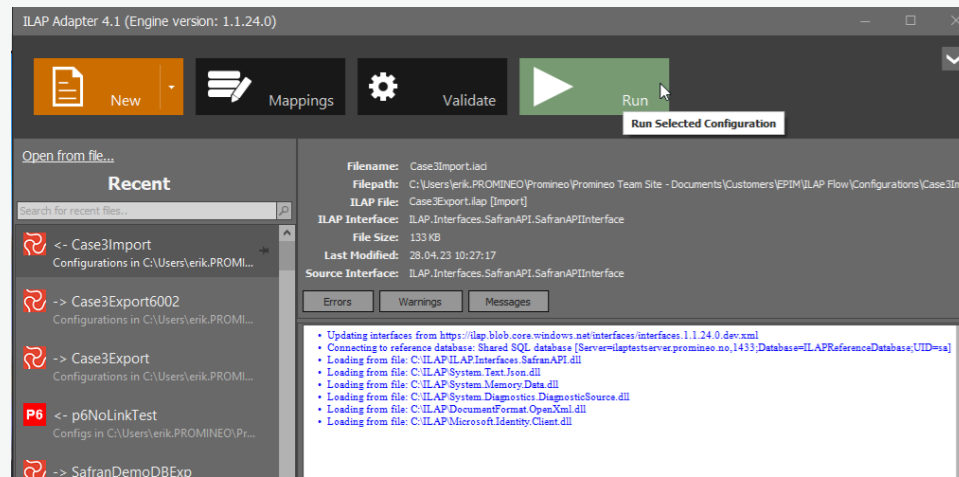
What is the difference?

Transport of Schedule-data is the same

Safran -> Primavera

MS Project -> Safran

Safran -> SAP -> Safran
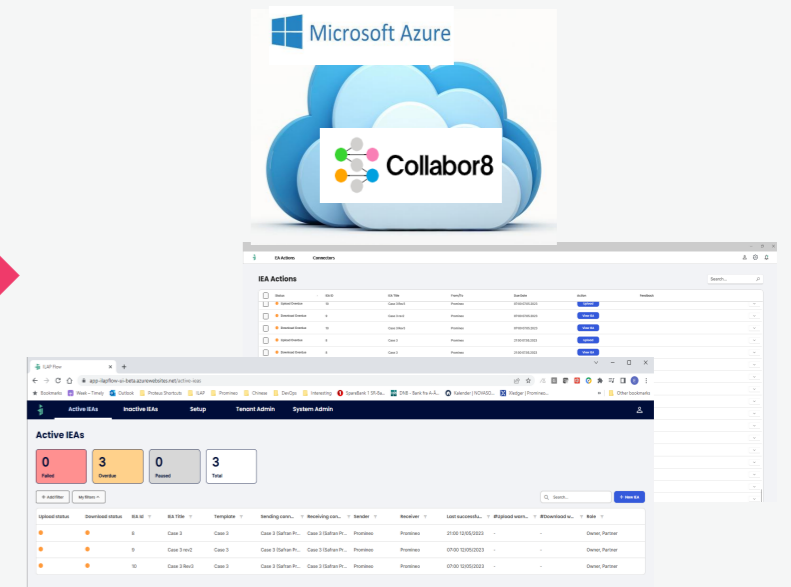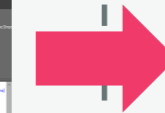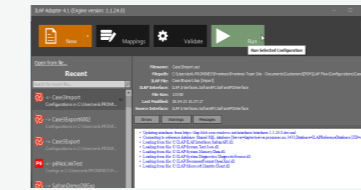
Administration and Workflow is the Difference

Adapter: People dependent, no transparency

ILAP Data Exchange:

- Efficiency, create once use many
- Plan transfers in Agreements between sender and receiver,
- Monitor if transfers are executed according to plan
- Improved User Experience

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Architecture with all components

Why is there still a Desktop Application?

Access to data-sources

Security policy dictates that access to Schedule Data Systems not can be initiated from outside the firewall.
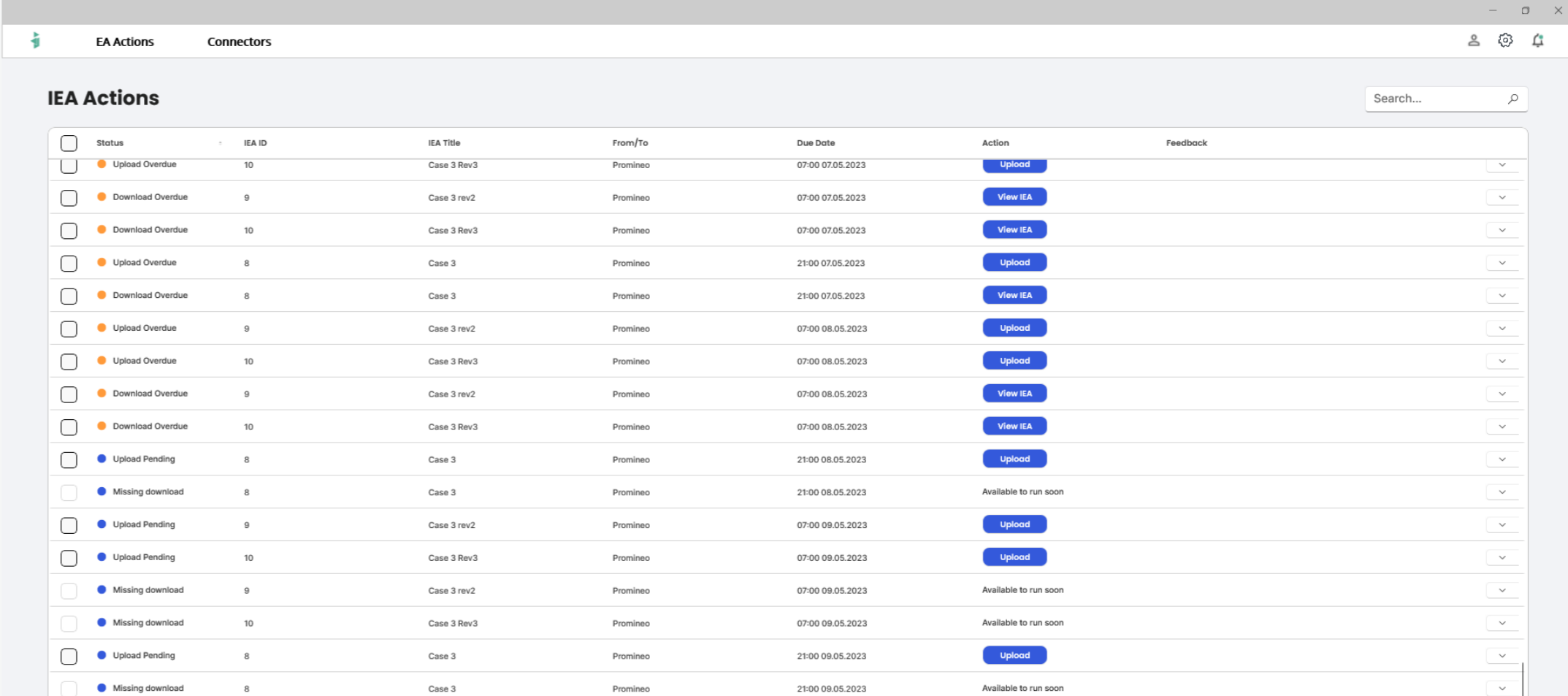
Desktop Application

- Asks ILAP DataExchange what to do
- Presents it to the user as an action
- User press the button and transfer is run

Test connectors

Make sure data-sources are alive and well.

Persist data to Connectors if applicable

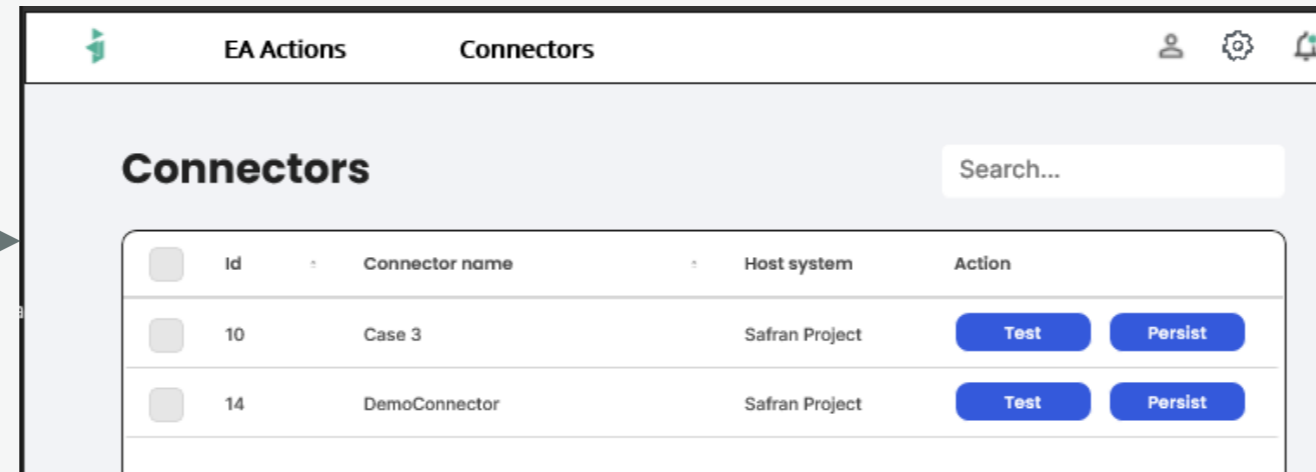Schedule list and User Field Setup

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How do we connect to the Scheduling Software?

ILAP Data Exchange Service

Desktop Application

Scheduling Software

API

Setup User creates a Connector:

- Scheduling system
- URL to API (or file store)
- Authentication required

1. Desktop Application retrieves Connectors User has access to from ILAP DataExchange Service.

2. When actions are run Desktop Application communicates with Scheduling Software and uploads/downloads to ILAP DataExchange Service as required.

Desktop Application always communicates with the Scheduling Software using an API

Questions?