INSURANCE TECHNOLOGIES

Swiss Re Magnum Cloud Implementation

FIRELIGHT BASE

FireLight®

Platform

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260222 iConnect Design Approach - Swiss Re Magnum Cloud Implementation

Project Overview

Enhance Firelight to leverage the Magnum Pure Engine Cloud-Based APIs within a FireLight application to gather underwriting data for life applications.

The Magnum Pure Engine Cloud-Based APIs will be embedded in FireLight and shown in a dialog when opened by clicking on a Custom Action button added to a wizard page in the application.

When Magnum is opened, data will be passed in the process from the FireLight application to set up the correct interview questions in Magnum.

When Magnum is closed, the data will be saved and passed to FireLight, which can be mapped to the appropriate PDF form fields, so the data is submitted with the application.

FireLight will query the Magnum API for a status. Once the data is complete in the Magnum interview the status will be set to complete. FireLight will leverage the status to recognize when the application can be set to 100% complete when data entry is finished. After the Magnum interview is complete, it can be reopened and updated prior to the application submittal.

FireLight will also retrieve and store the case-level underwriting decision when the interview is complete. Additionally, the full underwriting decision tree will be stored in JSON format and made available to the provider for added customizations.

Multiple insured interviews are supported in the cloud-based version of Magnum.

1   Update Magnum to support token

2   Update Magnum Case when Dialog is Re-Opened

The Magnum API currently returns a 401 Unauthorized response when we try to update and re-bootstrap a case with new data. Figure out why this is happening (contact Magnum rep if necessary).

Attached a Postman project that will automatically retrieve an authentication token so you can test out any of the Magnum Cloud API calls.

Alternate API methods that can be used for testing:

PUT https://amer.uat.magnumswissre.com/ohrid/engine/cases/8583fc59-3441-424e-bbe9-e3fccc5e50ab/bulk

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API Information:

POST https://amer.uat.magnumswissre.com/ohrid/engine/composite/cases/{caseId}/forms/submit-bootstrap-and-next

Post data should be a JSON object. Example object is in the FSEB provider.

3 Magnum Dialog Open Multiple Cases per Application

Ensure the Magnum dialog is refreshed with new case data when one case is closed, and another case is opened.

4 Get Case Status from Magnum when Dialog is Closed

Retrieve the case status from the Magnum API when the Magnum dialog is closed. It should be stored in a data item - "{button_data_item}_MAGNUM_STATUS".

API Information:

https://amer.uat.magnumswissre.com/ohrid/engine/cases/{caseId}/status

5 Magnum Use Config Groups for Third Party Config

If it is specified, FireLight will use the Third Party Config entries with the specified group name when authenticating with Magnum.

If no group name is specified, FireLight will use the first available instance of Magnum settings in the Third Party Config, regardless of whether or not they have a group.

Acceptance Criteria

- If xxx is specified in the Custom Action button, Magnum will be authenticated using it.
- If xxx is not specified in the Custom Action button, Magnum will be authenticated by using the first available instance of Magnum settings in the Third Party Config.

6 Magnum tracing

Add Magnum tracing.

"Other" tracing so that we can collect data that will provide the FireLight Support team with the information necessary so they can troubleshoot effectively.

Acceptance Criteria

7 Magnum timing events

Include timing events so that we can review services for 'latency issues' .

8 Hide Built-In Magnum Navigation Buttons

Hide the native navigation buttons in the Magnum dialog (Previous, Close, and Save). Hide the buttons that Magnum IDC (Interview Display Component) provides by default.

Acceptance Criteria

- Verify the native Magnum buttons are not shown when the interview opens.

9 Handle Magnum IDC Auth Timeout

10 Style Magnum IDC

Add styles to Magnum UI to match FireLight's color and design scheme.

Acceptance Criteria

- Verify branding matches FireLight.