

# FOIAXpress

## AWS Comprehend AI Implementation

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# FOIAExpress v11.8.0 AWS Comprehend AI Implementation

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# 1 AWS Comprehend AI Implementation

Welcome to the AWS Comprehend AI Implementation guide. This document provides comprehensive instructions on how to set up and configure the AWS Comprehend-powered AI Assistant feature in our latest release.

**Note: This document is intended for our on-premises customers who manage their own FOIAXpress application. For SaaS customers who purchase the AI Assistant, OPEXUS support will enable their integration.**

## 1.1 AWS Comprehend for SaaS Customers

SaaS customers (using an OPEXUS-hosted version of the application) who purchase the AWS Comprehend integration will have their configuration completed by an OPEXUS Support team member. Simply coordinate with your Project Manager (or other OPEXUS contact) and we'll handle the rest.

## 1.2 Implementation Method

AWS Comprehend with FOIAXpress uses the OPEXUS AWS Account. We'll do the work in setting up AWS and will provide you with a few data points to plug into the application to activate the feature.

## 1.3 Implementation Process

To implement the AI Assistant, you'll complete the following activities:

1. *AWS Account:* Connect with OPEXUS support to help set you up with an account we provision.
2. *Application Configuration:* Guidance on configuring the application settings to ensure optimal performance and integration of the AI Assistant.

## 1.4 Prerequisites

To install the AI Assistant, you must fulfill the following prerequisites:

1. FOIAXpress must be upgraded to v11.7.0 or above.
2. The FOIAXpress API must be installed. This is a requirement for using the application in all versions v11.7.0 and above.
3. You must have AI Assistant license(s) and AWS Comprehend license(s) for your organization, and these licenses must be applied to your application. Contact your



OPEXUS Project Manager for your licenses. Once you have your updated license, [follow these steps to upgrade your license](#).

4. You will use the OPEXUS AWS account.

## 1.5 AWS Account

Our support team provisions you with the necessary access under the OPEXUS AWS organization. Our support team will create a dedicated AWS account for your organization within our organizational unit.

Once the account is set up, we will provide you with the necessary credentials, including the AWS Client ID and Secret ID. These credentials are essential for configuring your environment and enabling the Amazon Comprehend connector within our application.

Once you've got your Client ID and Secret ID, move to Section 2 of this document for next steps.

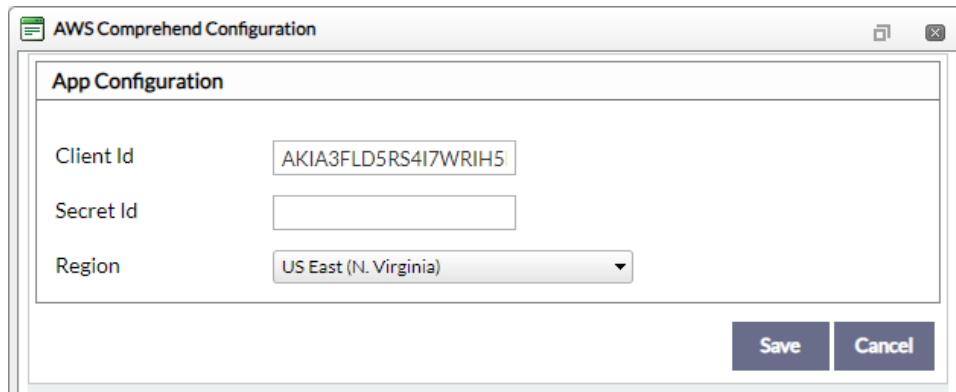


## 2 Application Configuration

Follow the steps below to configure your application for AWS Comprehend.

### 2.1 AWS Comprehend Configuration

1. Log in to the application as an administrator and access **Administration > System Administration > AWS Comprehend Configuration**:



The screenshot shows a window titled "AWS Comprehend Configuration". Inside, there is a section labeled "App Configuration". It contains three input fields: "Client Id" with the value "AKIA3FLD5RS4I7WRIH5", "Secret Id" which is empty, and "Region" with a dropdown menu showing "US East (N. Virginia)". At the bottom right of the dialog are "Save" and "Cancel" buttons.

2. Under *Client Id*, copy and paste the Access Key provided by OPEXUS.
3. Under *Secret Id*, copy and paste the Secret Access Key provided by OPEXUS.
4. Use the *Region* drop-down to select which geographic location you'd like to use for search.

**Note: Selecting an option closer to your data center can help optimize speeds when using AWS Comprehend.**

5. Click **Save** to save the configuration.

### 2.2 AI Roles and Permissions

There are three types of AI user permissions within the application:

1. *AI Config Application Role Permission*: Users with the AI Config application role permission can view and edit three AI configuration pages. Click the links below to learn more about these configuration pages:
  - a. [AI Redaction Templates](#)
  - b. [Redaction Knowledge Base](#)
  - c. [AI Trainers](#)
2. *AI User Role*: Application users who are allowed to use the AI Assistant feature within document management. This is a license-based role, and all AI users must have an active license.



3. *AI Trainer Role*: A subset of the AI Users, AI Trainers are selected to feed redaction data into the Redaction Knowledge Base, which contains a repository of all redactions performed by AI Trainer to identify patterns and frequently encountered data.

## 2.3 Using the AI Assistant

There are two main components to the AI Assistant feature. AI Redaction Templates and applying these templates to documents in Document Management. Follow the links below to learn more about using the AI Assistant with AWS Comprehend.

[Using AI Assistant with AWS Comprehend](#)

[Using the AI Assistant](#)

[AI Redaction Templates](#)

