



# **Aras AI Assistant**

## **SaaS Installation Guide**

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- Send Us Your Comments ..... 4**
- Introduction ..... 5**
  - Purpose ..... 5
  - Scope ..... 5
  - Target Audience ..... 5
  - Prerequisites ..... 5
- Definitions ..... 6**
- Aras AI Assistant Installation ..... 7**
  - Retrieve Application package ..... 7
  - Include application Code Tree Patch into the repository ..... 7
  - Include application package into the repository ..... 7
  - Include Config Transformations ..... 7
  - Test and deploy your changes ..... 8
  - Confirming the Solution Installation ..... 8



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# Introduction

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## Purpose

The Aras AI Assistant – SaaS Installation Guide provides information for Aras SaaS subscribers to add the Aras AI Assistant to their Aras Innovator instance.

## Scope

This document provides instructions for installing Aras AI Assistant.

## Target Audience

This document is intended for Aras SaaS users responsible for installing and configuring the applications and platform components for the Aras Innovator instance utilizing SaaS.

## Prerequisites

Aras SaaS administrators or contributors must have an installed Aras Innovator instance prior to following the steps outlined in this document. It is recommended that all administrators read the Aras DevOps – User Guide as it explains how to effectively utilize the Aras SaaS service to manage Aras Innovator customizations throughout the entire lifecycle of the Aras Innovator implementation.

# Definitions

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This section defines the terms used in this document.

Term	Definition
Code tree	The set of files that make up the application files for Aras Innovator.
Code tree patch	The set of files in an application installation package that should be applied to the code tree to install the code tree component of an application.
Import package	The set of XML files and the corresponding import.mf file that represent a package or set of packages that need to be installed to apply the database changes of an application.
Config transformation	The transformation to be sourced into a project repository corresponding to changes in configuration files of Aras Innovator code tree
Installation package	The set of files utilized to install an application that may include a code tree patch, an import package, and/or converters.
Platform Component	Aras Platform Components are not release specific and can be installed without a direct dependency of the installed Aras Innovator release.

# Aras AI Assistant Installation

## Retrieve Application package

1. Download the **Aras AI Assistant CD Image** from <https://mft.aras.com>
2. Unzip the **Aras AI Assistant CD Image** on the local machine.

**Note:** Please confirm your Feature Tree is up to date to ensure the Aras AI Assistant is available

## Include application Code Tree Patch into the repository

1. Navigate to the package folder of the Aras AI Assistant CD Image.
2. Copy the contents of the “Innovator” folder into the `\CodeTree\Innovator` folder of the Work.git repository.

## Include application package into the repository

1. Copy the **AI Assistant** folders from the `..\imports\aiassistant` folder into the `..\AML-packages\aiassistant\Import` folder of the Work.git repository.

**Note:** Do not copy the **imports.mf** file, as it will overwrite the existing **imports.mf** file in the Work.git repository.

2. Paste the following `<package>` element into the **imports.mf** file of the Work.git repository:  

```
<package name="com.aras.innovator.solution.aiassistant"
path="aiassistant\Import" />
```

## Include Config Transformations

1. Add a configuration transformation file for the `method-config.xml` in the `\TransformationsOfConfigFiles\Innovator\Server` folder of the Work.git repository with the following content:

```
<MethodConfig xmlns:xdt="http://schemas.microsoft.com/XML-Document-Transform">
  <ReferencedAssemblies>
    <name
      xdt:Transform="Insert">$(binpath)/Microsoft.IdentityModel.Tokens.dll</name>
    <name
      xdt:Transform="Insert">$(binpath)/System.IdentityModel.Tokens.Jwt.dll</name>
    <name
      xdt:Transform="Insert">Microsoft.Extensions.Configuration.Abstractions.dll</name>
    <name
      xdt:Transform="Insert">Microsoft.Extensions.Configuration.dll</name>
  </ReferencedAssemblies>
</MethodConfig>
```

2. Request `ApiKey` and `TenantId` from the GCS team and add `{aiAssistantApiKey}` and `{aiAssistantTenantId}` variables to Environment Specific Configuration (see Aras DevOps – User Guide for more details). This will enable access to the AI assistant microservice.

3. Add a configuration transformation file for the `appsettings.json` in the `\TransformationsOfConfigFiles\Innovator\Server` folder of the `Work.git` repository with the following content:

```
{  
  "AiAssistant": {  
    "ApiKey": "${aiAssistantApiKey}",  
    "TenantId": "${aiAssistantTenantId}"  
  }  
}
```

where `aiAssistantApiKey`, `aiAssistantTenantId` – variables specified using Environment Specific Configuration mechanism (see `Aras DevOps – User Guide` for more details).

## Test and deploy your changes

1. Stage and review the changes to ensure that no customizations are overwritten.
2. Commit the changes.
3. Run the “**continuous-integration**” pipeline.
4. Run the “**deploy-innovator**” pipeline to complete the installation

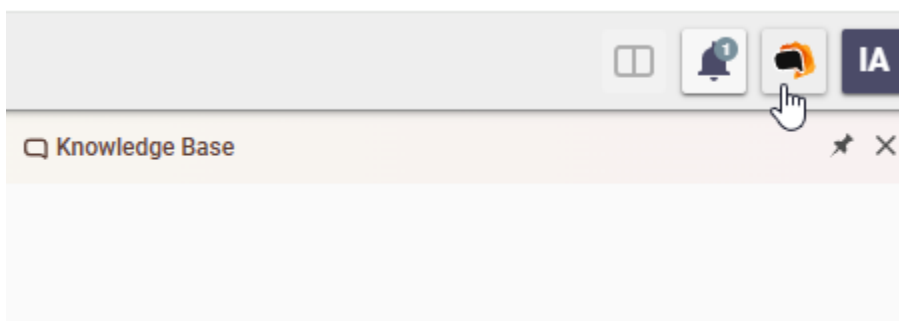
## Confirming the Solution Installation

Confirm the pipeline runs successfully and use the following procedure to check if your database has been updated correctly:

1. Log in to Aras Innovator as an administrator.
2. From the TOC, select **Administration\Variables**.
3. Confirm the following variable:

Name	Value
AI Assistant	14.0.1

The AI chat will be loaded upon clicking the AI icon.





Hi, I'm Aras AI Assistant. I can help you with development, troubleshooting, and process optimization in the Aras Innovator platform. Whether you need technical guidance or learning resources, just ask.

A minute ago