IFS Aviation Maintenance

ATCM Configuration and Administration Guide

ICAM 26.2



Document Revision: 26.2-1

Publication Date: November 02, 2026

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Introduction

Allowable Configuration is a feature of IFS Aviation Technical Content Manager.

This guide is intended for administrators of users who will work with Allowable Configuration. It details the settings specific to Allowable Configuration that enable configuration specialists and engineering service partners to work with Allowable Configuration as required.

The following administrative actions, specifically required for working with Allowable Configuration, should be carried out in the order specified below:

1. Export and import configuration data.
2. Set up requirements for Allowable Configuration engineering service partner. Note, this step is done by your IFS Applications cloud hosting team.
3. Set up actions for Allowable Configuration events.
4. Set up access to document revisions for Allowable Configuration document classes.
5. Set up permission for integration user in Maintenix.
6. Set up IFS Connect for Allowable Configuration integration with Maintenix.

2

Export and import configuration data

To update the Maintenix configuration baseline using Allowable Configuration, configuration data is exported from Maintenix and imported to Allowable Configuration. After import, updates are made to the configuration data in Allowable Configuration and published to Maintenix.

About this task

Configuration data is exported in the form of a .csv (comma separated file). The export takes place as a background job. When successful you must import the same .csv file to Allowable Configuration which also takes place as a background job.

Steps

1. In Maintenix, on the **Role Details** page for the role which will carry out the export of configuration data, **Permissions** tab enable the ACTION_EXPORT_CONFIGURATION_DATA configuration parameter.
2. On the **To-Do Lists** tab, select the to-do list from which you want to be able to export configuration data.
3. On the **Buttons** tab, assign the **Export Configuration Data** button to your to-do list.
4. Go to your to-do list and click **Export Configuration Data**.
5. In Allowable Configuration, open the **Import Configuration Data** page.
6. Select the exported configuration data file to upload or drag and drop.
7. Click **Upload**.

While uploading, the background job is displayed and the status transitions from Posted to Executed and finally to Ready, if successful. If unsuccessful, the status is Error and an error text is displayed.

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Set up requirements for engineering service partner

The engineering service partner requires access to Allowable Configuration. You do not have to configure this access – it will be set up by your IFS Applications cloud hosting team. For customers, this topic is provided as background information only.

The IFS Applications cloud hosting team will do the following:

1. Set up the engineering service partner as a B2B (Business to Business) user in IFS Applications. The concept of users is described in the *Users* page of the IFS Administration and Configuration Guide.
2. Grant the engineering service partner user the predefined permission set, FND_WEBENDUSER_B2B which the user requires to log on to IFS Applications. For more information, see *Permission Sets*.
3. Grant access to the required Projections. Pages are granted through the respective Projection. When granting access to a projection, all client pages using that projection become available. The following projections must be granted:
   - Projection Name "ConfigChangeSourceB2bHandling" with access level set to Full.
   - Projection Name DocumentHomeB2b with access level set to Read at minimum.

   For more information, see *Projections and Lobby Pages*.

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Set up actions for Allowable Configuration events

With the installation of Allowable Configuration, two standard events are created. For each of these events, you can set up actions to inform relevant users about the occurrence of the event.

For instructions on setting up event actions, follow the *Events* page of the IFS Administration and Configuration Guide. The Allowable Configuration related events with actions to be set up are as follows:

Event ID: MCM_NEWIPCREV_UPLOADED

Description: New IPC Change Revision document has been uploaded. This event triggers when a new IPC revision is created and the status changes to Ready for Analysis. This means the IPC Revision is ready for the partner to download and start analyzing. A possible usage of this event to setup an email action to inform the partner about this event.

Event ID: MCM_CHANGE_SUGG_UPLOAD_ERROR

Description: Error when uploading IPC Change Suggestions. This event triggers if and when the upload of an IPC change suggestions document ends up in an error status after processing. A possible usage of this event to setup email action to inform the partner about this event.

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Set up access to document revisions

To access documents stored in IFS/Document Management, the engineering service partner and configuration specialist users need access to the document revision. You enable access to document revisions on the Document Class level.

With the installation of Allowable Configuration, the following document classes are created:

- PC JSON: Json Files generated in Allowable Configuration are stored in IFS/Document Management with this document class.
- IPC REV: IPC Change Revision Documents are stored in IFS/Document Management with this document class.

You can define access on the Document Access Template page. This can be done on a user group level or user level. For step by step procedure, refer to Create Document Access Template in IFS Applications Online Documentation.

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Enable permission for integration user

To send data from Allowable Configuration to Maintenix, in IFS Applications you must specify the routing details of the REST endpoint, including the login details of an integration user who is established in Maintenix.

About this task

The integration user is assigned to a role with the required permission to access the required MCM API in Maintenix. In Maintenix, you assign this permission to the role and then you assign the integration user to the role.

Steps

1. From the Maintenix **Administrator** menu, click **Role Search**.
2. Click **Search** and click a role.
3. Click the **Permissions** tab.
4. In the **Search Criteria** area **Parm Name** field, enter API_MCM_PARTGROUP_PARM.
5. Click **Search**.
6. Select the check box of the permission and click **Enable**.
7. Click **OK**.

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Configure IFS Connect for Allowable Configuration

Setting up the required configurations for IFS Connect in IFS Applications enables Allowable Configuration to send data back to Maintenix.

IFS Connect is an integration broker in IFS Applications, designed for XML and web services. For more information refer to the *IFS Connect* concept.

To set up IFS Connect for Allowable Configuration to work with Maintenix, specific configurations should be made as follows:

- *Create New Connector Sender*
- *Create Routing Address for REST Endpoint*
- *Create Routing Address for Callback Function*
- *Create Message Queue*
- *Create Routing Rule*

For instructions on how to do these configuration tasks, see *Set up IFS Connect for Allowable Configuration integration with Maintenix* in the IFS Administration and Configuration Guide.

ABOUT IFS

IFS develops and delivers enterprise software for customers around the world who manufacture and distribute goods, maintain assets, and manage service-focused operations. The industry expertise of our people and solutions, together with commitment to our customers, has made us a recognized leader and the most recommended supplier in our sector. Our team of 3,500 employees supports more than 10,000 customers world-wide from a network of local offices and through our growing ecosystem of partners.

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