

Module 5

Advanced Features: Publication

Overview

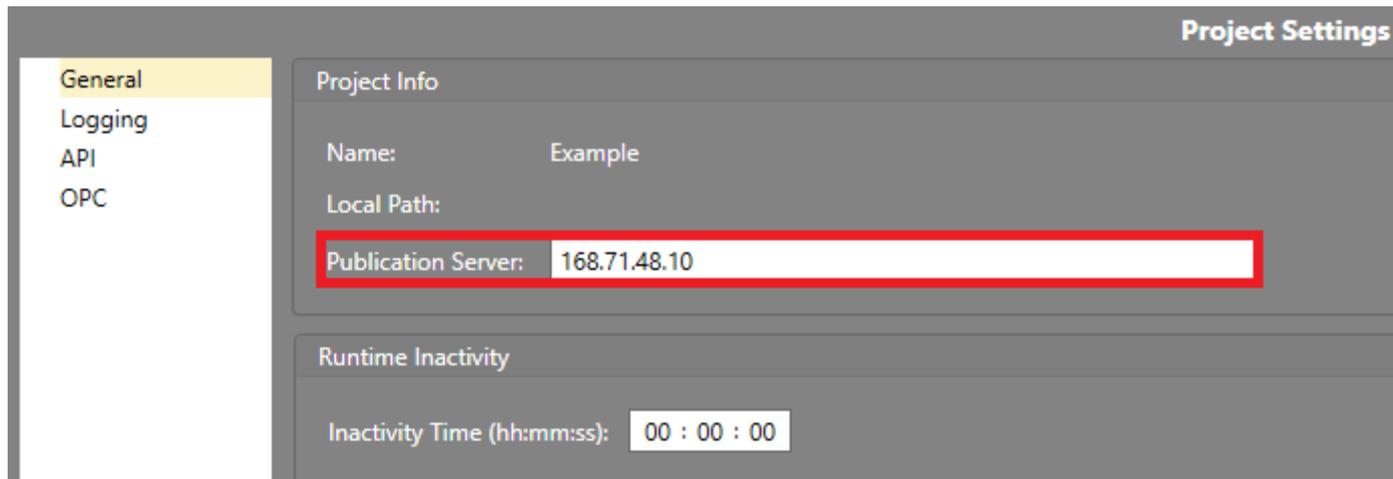
Overview

- Allows central management of configuration.
- One project, edited on the publication server (typically the logging or maintenance server), published to remote Workstations for production.

Publication Server

Publication Server

- The server which publishes the new project version to Workstations
- Configured in General Project Settings



The screenshot shows a 'Project Settings' dialog box with a sidebar on the left containing 'General', 'Logging', 'API', and 'OPC'. The 'General' tab is selected. The main area is divided into 'Project Info' and 'Runtime Inactivity' sections. In the 'Project Info' section, the 'Publication Server' field is highlighted with a red border and contains the IP address '168.71.48.10'. The 'Runtime Inactivity' section shows an 'Inactivity Time (hh:mm:ss)' field set to '00 : 00 : 00'.

Project Settings	
Project Info	
Name:	Example
Local Path:	
Publication Server:	168.71.48.10
Runtime Inactivity	
Inactivity Time (hh:mm:ss):	00 : 00 : 00

IPFusion Publication Service



IPFusion – Project Publication

- Windows service installed with IPFusion
- Required for publishing
- Communicates if the Workstation is available for publication



Publication Window

Publication Window

The screenshot shows a window titled "Project Publication" with a search bar, a sort dropdown set to "Status (Descending)", and a "Refresh" button. Two items are listed:

Item ID	Status	Host Name	Timestamp
GB1	Service Waiting	technology19	2019-11-25 12:22:04 PM
VM2	Service Waiting	DESKTOP-90BAV11	2019-11-25 12:22:04 PM

At the bottom of the window, there are buttons for "Force Publish", "Publish", and "Close".



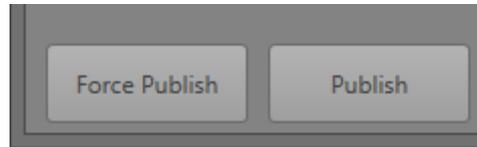
Publication Window — Workstation Block

- Name of the Workstation
- Sync Service States
 - Green — Service is waiting
 - Yellow — Update in Progress
 - Red — Service not found
- IP Address of the Workstation
- Last Published Time
 - The color of the date shows the current status of the files
 - Red — The last time the files were published to
 - White — Published a new update at this time



Publication Window — Publication Buttons

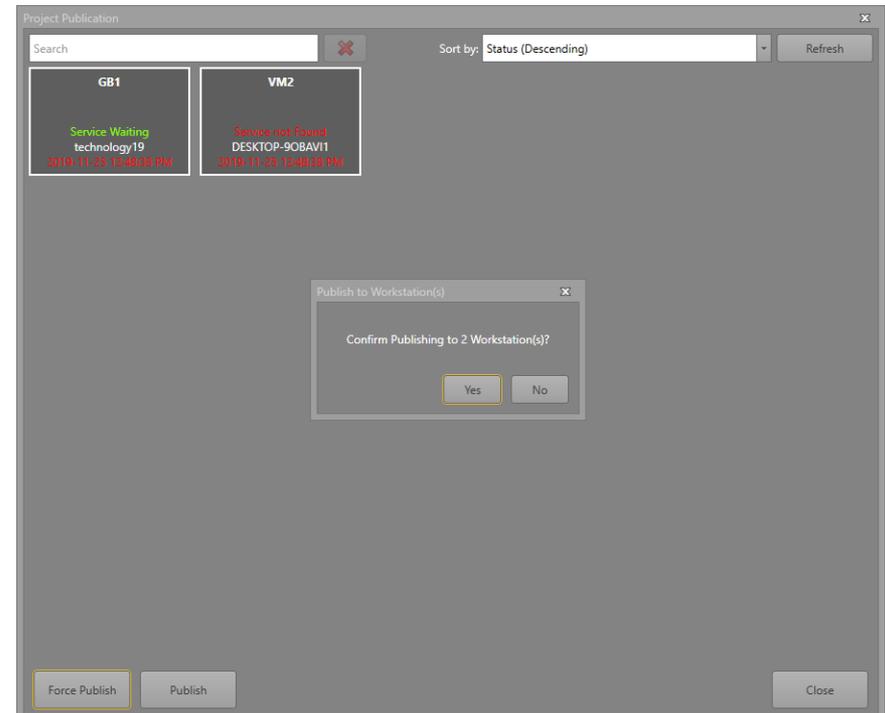
- Publish
 - Publish the project files to the selected Workstation.
 - When the Workstation receives the update, it will prompt the operator to accept the change.
- Force Publish
 - When the Workstation receives the update, Runtime will automatically update the project files regardless of user input.



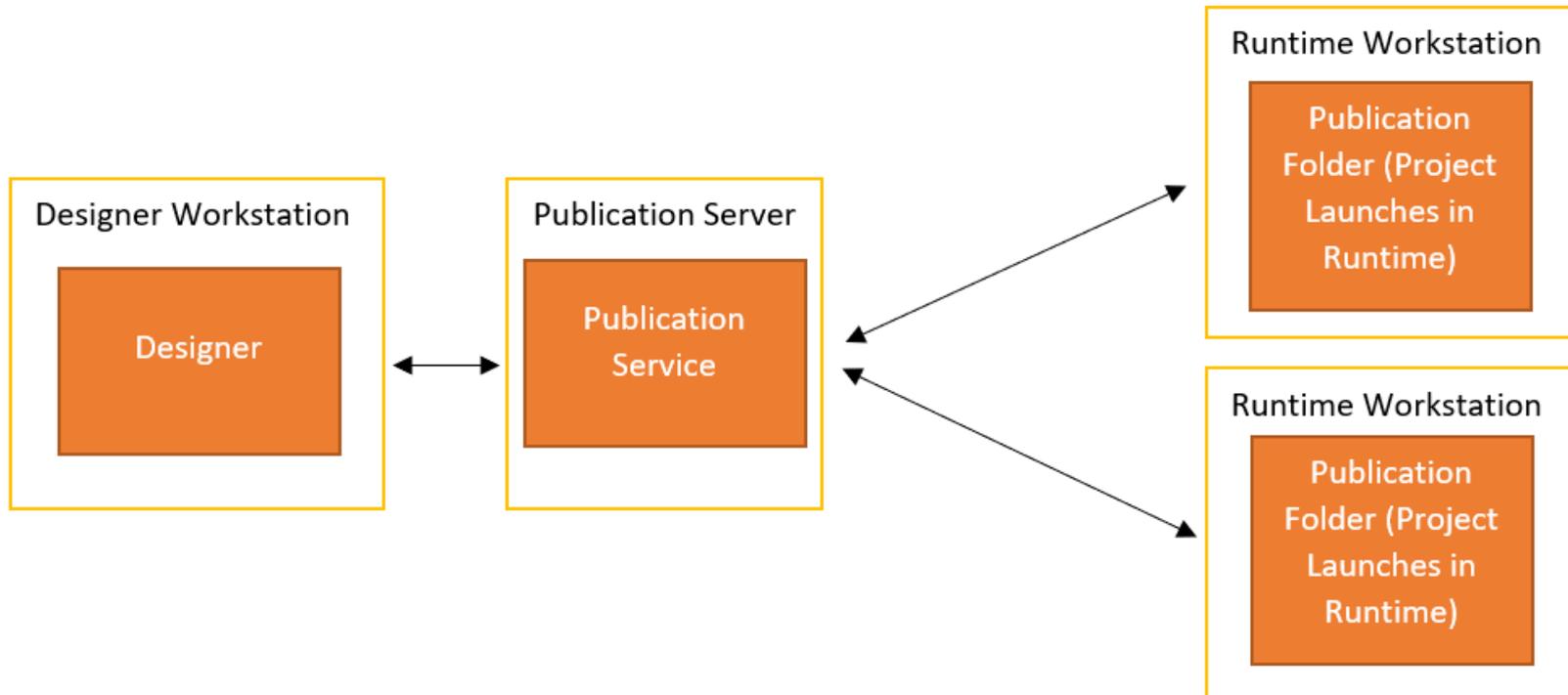
Publish a Project

Publish a Project

- Click **Publish Project** in Designer
- Select the Workstations to include in the publication request
 - Press Ctrl + A to include all Workstations
- Select **Publish** or **Force Publish**
- If the Publication Service is running on the Workstation, its files will be updated accordingly
- When started, Runtime will automatically load the most recently published project received



Example



Module 5 Complete
