



# Integration Scenario: Microsoft Project Online + Azure DevOps





# Overview

FluentPro Integration Hub is a cloud-based middleware integration solution that allows for the smooth flow of enterprise project management data by connecting Microsoft Project Online and Azure DevOps. It helps to establish a unified portfolio view of all project activities, better coordinate and manage hybrid projects where Agile is combined with EPM practices, automate status reporting, bringing greater agility to your business.

## 01

Integrate project plans with projects in Azure DevOps for automated updates to improve portfolio visibility, simplify reporting and facilitate SAFe processes.

## 02

Receive prompt and timely updates on project breakdown structure, capacity allocation, tasks and progress automatically in Project Online.

## 03

Initiate new projects and update your teams on prioritized projects and relevant tasks directly from Project Online using data synchronization.





# Business Case

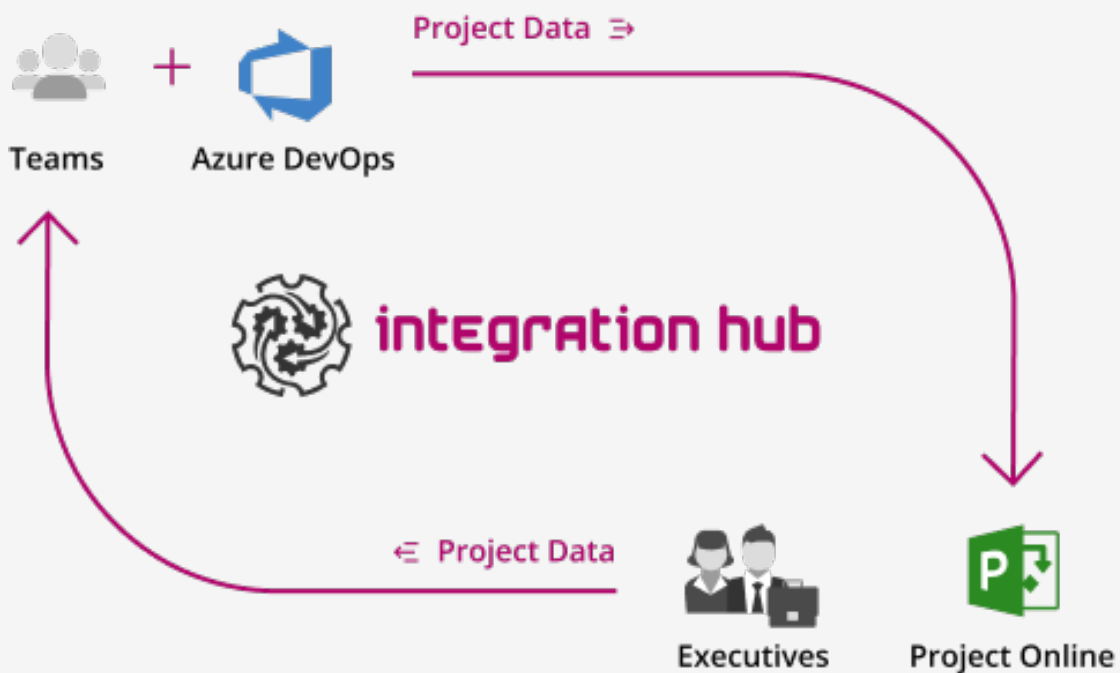
Many modern organizations use hybrid approach to project management combining Agile methodologies with Enterprise Project Management practices, and it may become an issue to keep Agile execution teams aligned with high-level PPM initiatives. When the project has been initiated on a portfolio level, Agile teams working in Azure DevOps need to break it down into work items, as well as define iterations sprints. It's important that they use Agile-specific tools, such as Azure DevOps, for their daily work while critical project updates are pushed back to the portfolio level to the PPM system, such as Project Online.

When the link between Project and Portfolio levels is missing, it may cause low portfolio visibility, poor accountability and substantial and regular manual work in order to provide views on project and task levels to the leadership.

**I However, there is the third option.**



# Solution



## Key details

1. Create tasks in Project Online and automatically push them as new epics, features or other work items to Azure DevOps
2. Each team can use the right tool for their job and the data can be continuously synchronized between systems and teams
3. Run synchronization automatically on a schedule or on demand
4. Immediately update details for specific projects with selective sync



# Solution

## What happens when the integration runs?

1. The link is established between projects in Project Online and projects in Azure DevOps, with the needed field mapping
2. All new and modified tasks or work items in one system that are marked for synchronization are pushed to the other system depending on your integration scenario and schedule. For example, if the task has been updated in Project Online, these updates will be pushed to the corresponding work item in Azure DevOps
3. Data mapping entities will be updated on all new or modified tasks in one or both systems depending on your configuration and integration schedule


# Data Mapping

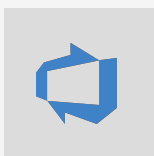


<b>Project:</b>	Project Name	<b>Resources:</b>	Resource Email
<b>Tasks:</b>	Task Name Assignment	<b>Assignments:</b>	Work / Work Actual Work Remaining Work

**Custom Fields:** Custom field of any identic field type (e.g. priority, strat/finish date, etc.)



	Script-based mapping rules	Full or selective sync
	Data transformation	Automated or ad-hoc sync



<b>Project:</b>	Project Name	<b>Resources:</b>	Assignment
<b>Work Items*:</b>	Work Item Title Assignment	<b>Assignments:</b>	Original Estimate /Work Completed Work Remaining Work

**Custom Fields:** Custom field of any identic field type (e.g. priority, strat/finish date, etc.)

\* Depending on your mapping configuration, tasks in Project Online can be defined as epics, features, user stories, tasks, bugs, issues or test cases in Azure DevOps



# Value for Executives & Managers

- 01** | Save costs on both Project Online and Azure DevOps licenses for your project and development teams since much fewer employees will need both licenses if you implement integration between two systems.
- 02** | Get instant access to up-to-date project information and task statuses in a single dashboard.
- 03** | Push key tasks from Project Online to Azure DevOps to create a focus and direction for your teams.
- 04** | Establish a unified time management framework where time tracking details for tasks and sub-tasks are pushed from Azure DevOps projects to Project Online.
- 05** | Make your teams able to stay productive by using software that fits their work and by giving them a chance to concentrate exclusively on project delivery.



# Value for Development Teams

- 01** | Work in Azure DevOps and focus only on your tasks and not on project administration
- 02** | Stay Agile by planning and progressing with your sprints, tasks and releases and exchange key details with your leadership to adapt changes faster
- 03** | Automatically push major project updates from Azure DevOps work item types to Project Online and get rid of manual status reporting.

