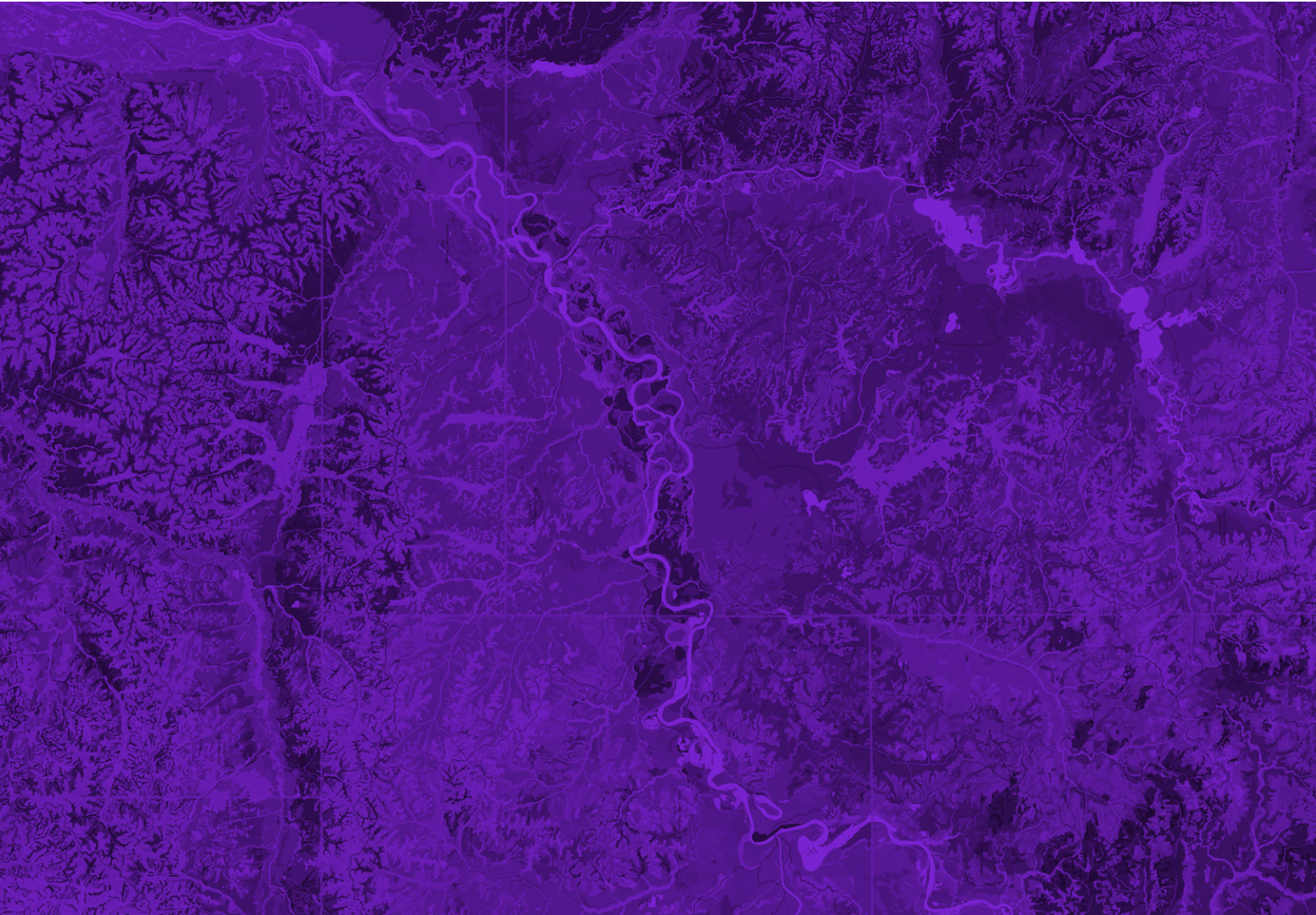# ArcGIS® Workflow Manager

Functionality Matrix

What Is ArcGIS Workflow Manager?

ArcGIS® Workflow Manager is a workflow management system that optimizes GIS and non-GIS operations using maintained, repeatable workflows in a cloud-based environment. Business processes can be standardized to increase data quality and accuracy, optimize resource allocation, enhance communication, and improve organization efficiency.

Workflow Manager provides tools that can fully integrate with ArcGIS to help you optimize and manage workflows. There are two components available for managing work:

ArcGIS Workflow Manager Web App

A web-based component used to perform, monitor, and administer work that can be integrated with other ArcGIS services

ArcGIS Workflow Manager Extension for ArcGIS Pro

An optional capability extension to manage work in the ArcGIS Pro desktop app

This functionality matrix outlines features and capabilities that are available in Workflow Manager to help identify the requirements, licenses, and capabilities that best fit your organization's needs.

ArcGIS Workflow Manager

Functionality Matrix

Licensing

Licensing Requirements for ArcGIS Workflow Manager
Workflow Manager includes an organization capability and an optional client-side component that have a license requirement

The ArcGIS Workflow Manager organization capability offers two options, Standard and Advanced:

ArcGIS Workflow Manager Standard Organization Extension
The Workflow Manager Standard organization extension provides standard Workflow Manager capabilities to design, configure, and administer user-driven workflows.

ArcGIS Workflow Manager Advanced Organization Extension
The Workflow Manager Advanced organization extension provides additional functionality to support more automated workflows.

Workflow Manager client-side licensing includes the following:

ArcGIS Pro Extension (Optional)
The ArcGIS Workflow Manager extension for ArcGIS Pro allows users to leverage capabilities in the ArcGIS Pro desktop application. This extension is optimal for users who spend most of their time editing data in ArcGIS Pro.

Note: Workflow Manager in ArcGIS Online is only compatible with ArcGIS Pro 3.1 patch 3.1.2.

ArcGIS Workflow Manager

Functionality Matrix

Functionality

○ **Standard Organization Extension**
The Standard organization extension provides standard Workflow Manager capabilities to design, configure, and administer workflows.

● **Advanced Organization Extension**
In addition to the capabilities in the Standard organization extension, the Advanced organization extension provides additional functionality to support automated workflows.

Functionality Available with Workflow Manager

Workflow Manager provides unique tools to help you build, design, and configure workflows that support custom business needs.

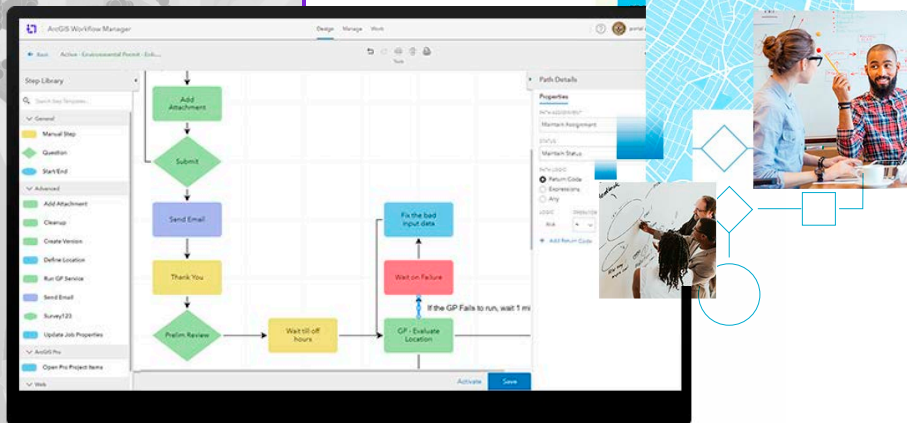| Functionality	June 2024
Arcade Expression menu	○
ArcGIS Arcade Expression Evaluator	○
ArcGIS Survey123 Webhook	●
Archive Closed Jobs	○
Attachments	○
Autorun Steps When a Dependency or Hold is Released	●
Configure Output Values for Web Request Response	●
Configure Path Using Step Return Values	○
Configure Paths Using Arcade Expression	○
Create Workflow Item	○
Custom Job Name	○
Custom Priority Values	○
Custom Status Values	○
Duplicate Shared Searches and Charts	○
Dynamic Job Properties	○
HSTS Support	○
Import/Export a Workflow Configuration	○
Job Commenting	○
Job Dependencies	○
Job Description	○
Job Holds	○
Job Notes	○

ArcGIS Workflow Manager

Functionality Matrix

Functionality

○ **Standard Organization Extension**
The Standard organization extension provides standard Workflow Manager capabilities to design, configure, and administer workflows.

● **Advanced Organization Extension**
In addition to the capabilities in the Standard organization extension, the Advanced organization extension provides additional functionality to support automated workflows.

Functionality	June 2024
Job Scheduling	●
Multiple Ending Steps	○
Optional Item Upgrades	○
Parallel Processing	○
Restrict Edits to AOI/LOI	○
Send Web Requests for Job Activities	●
Set Step Return Values	○
Step Help	○
Step Scheduling	●
Upgrade Job	○
User-defined Settings	○
View Job History	○
View Log Messages in the Web App	○
View the Web App in Dark Mode	○
Configure Custom SMTP Server Settings	○
Email Templates for Job Activities	○
Batch job actions	○
Extended running time for GP services	●

ArcGIS Workflow Manager
Functionality Matrix

Workflow

○ **Standard Organization Extension**
The Standard organization extension provides standard Workflow Manager capabilities to design, configure, and administer workflows.

● **Advanced Organization Extension**
In addition to the capabilities in the Standard organization extension, the Advanced organization extension provides additional functionality to support automated workflows.

Workflow Step Templates
Step templates are preconfigured steps designed to perform unique actions when a job is run. Each step template contains default values, step properties, options, and styling that can be customized as necessary.

Step Templates	June 2024
Add Attachment	○
Add Comment	○
Advanced Assignment	○
Cleanup	○
Create Job	○
Define Location	○
Manual Step	○
Open Pro Project Items	○
Open Web Page	○
Question	○
Run GP Service	○
Run Pro GP Tool	○
Send Email	○
Send Web Request	○
Start/End	○
Survey123	○
Update 1:1 Extended Properties	○
Update 1:M Extended Properties	○

ArcGIS Workflow Manager

Functionality Matrix

Job Management and Functionality

○ **Standard Organization Extension**
The Standard organization extension provides standard Workflow Manager capabilities to design, configure, and administer workflows.

● **Advanced Organization Extension**
In addition to the capabilities in the Standard organization extension, the Advanced organization extension provides additional functionality to support automated workflows.

Job Management in ArcGIS Pro

The ArcGIS Workflow Manager extension for ArcGIS Pro leverages desktop users' ability to access and manage jobs in ArcGIS Pro.

Note: Workflow Manager in ArcGIS Online is only compatible with ArcGIS Pro 3.1 patch 3.1.2.

Functionality in ArcGIS Pro	3.1.2	3.2	3.3
Connect to Workflow Items	○	○	○
Access and Run Jobs	○	○	○
View Job Details	○	○	○
Shared Searches	○	○	○
Job Filters	○	○	○
Advanced Sort Capability	○	○	○
Update Job Details	○	○	○
1:1 Extended Properties	○	○	○
Job Diagram	○	○	○
Job Commenting	○	○	○
Attachments	○	○	○
Notes		○	○
1:M Extended Properties		○	○

ArcGIS Workflow Manager

Functionality Matrix

Extended Properties

○ **Standard Organization Extension**
The Standard organization extension provides standard Workflow Manager capabilities to design, configure, and administer workflows.

● **Advanced Organization Extension**
In addition to the capabilities in the Standard organization extension, the Advanced organization extension provides additional functionality to support automated workflows.
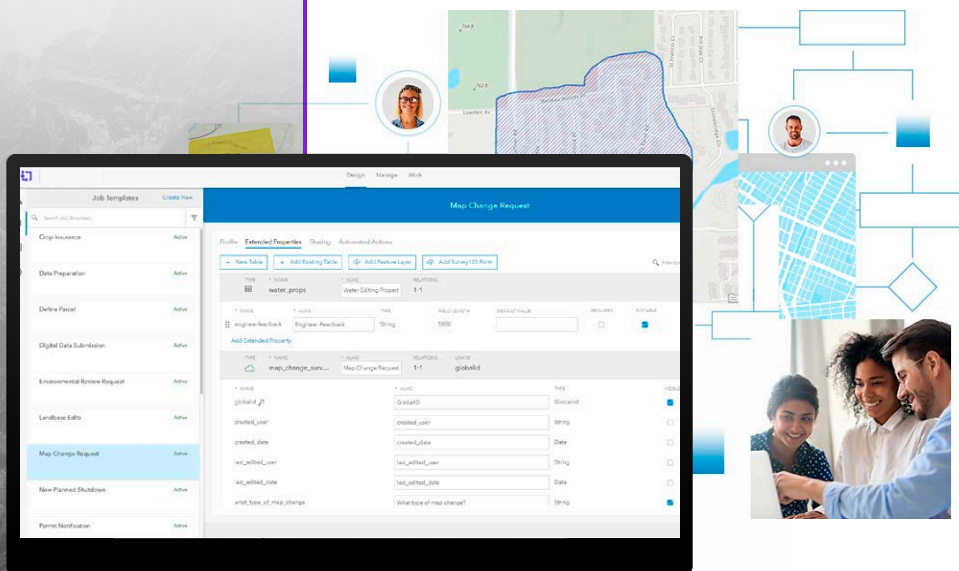
Extended Properties Tables
Extended properties tables can be used to store properties or external data from feature service layers with jobs to meet specific business needs. Extended properties can be configured as one-to-one or one-to-many table relationships with the Workflow Manager jobs table.

Extended Properties	June 2024
Create New 1:1 Extended Property Table	○
Set Field Properties	○
Add Feature Layer as Extended Property Table	○
Add Survey123 Form as Extended Property Table	○
Create New 1:M Extended Property Table	○
Share Extended Property Table	○

ArcGIS Workflow Manager
Functionality Matrix

ArcGIS Workflow Manager API

ArcGIS Workflow Manager API

ArcGIS Workflow Manager API services offer access to information on your Workflow Manager repository to be used with web, mobile, and desktop applications. These APIs allow organizations to build their own apps and widgets.

API	June 2024
Workflow Manager Python	○
Workflow Manager REST	○
Workflow Manager JavaScript	○

ArcGIS Pro API	3.1.2	3.2	3.3
Workflow Manager Namespace for ArcGIS Pro SDK	○	○	○