



# AUTOMATION PORTAL

## Release Notes

Version 4.3

April 2025

# Introduction

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The **Kelverion Automation Portal** is an easy to implement self-service front end for your automation solutions. It offers a versatile interface without the lengthy list of prerequisites required by many other self-service portals available today.

The Automation Portal ethos is to **keep things simple and flexible**. The portal has been designed to complement the existing Automation platforms and does not attempt to replicate the automation platforms capability. Integration with the automation tools takes place via the Kelverion Automation Portal REST API and is most easily achieved using the Kelverion integrations for Automation Portal.

The Automation Portal has been designed for use with **System Center Orchestrator and Azure Automation** in mind, however it equally complements any automation platform or scripting language that can read and write to the Automation Portal database or that can use REST web services.

The Automation Portal is simple to implement, but even more importantly it is easy for your end users to navigate, and by adding a simple web interface to your solutions you can allow users to easily interact with your automated solutions.

## Trademarks

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IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

## Accessibility Statement

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The [Web Content Accessibility Guidelines \(WCAG\)](#) defines requirements for designers and developers to improve accessibility for people with disabilities. It defines three levels of conformance: Level A, Level AA, and Level AAA. The Automation Portal is partially conformant with WCAG 2.1 level AA.

**Important:** The Automation Portal provides features to customize themes and colors. Making changes to themes and colors may result in the Automation Portal no longer conforming to WCAG requirements.

# System Requirements

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The Kolverion Automation Portal has the following system requirements:

- (On-Prem) Windows Server 2022
- (On-Prem) SQL Server 2019, or SQL Server 2022
- (Azure) Windows Server 2022 Datacenter Azure Edition
- (Azure) Azure Database
- Microsoft Entra ID
- Web Server (IIS)
- The Server Role **Web Server (IIS) > Web Server > Application Development > APS.NET 4.8** must be enabled.
- IIS website certificate (.pfx) file
- The [ASP.NET Core 8.0 Windows Hosting Bundle](#) must be installed.
- The [CORS](#) and [URL Rewrite 2.1](#) IIS modules must be installed.
- The [Microsoft.Graph.Applications \(2.24.0\)](#) and [Microsoft.Graph.Identity.SignIns \(2.24.0\)](#) PowerShell modules must be installed. The following PowerShell can be used to install these modules.

```
Install-Module -Scope AllUsers -Name Microsoft.Graph.Applications -Force -RequiredVersion 2.24.0
Install-Module -Scope AllUsers -Name Microsoft.Graph.Identity.SignIns -Force -RequiredVersion 2.24.0
```

## Web Browser

The Automation Portal has been evaluated with the following web browsers. Whichever browser you use, you must have support for **JavaScript** and **Cookies** enabled.

- Google Chrome 135.0
- Firefox 137.0
- Microsoft Edge 135.0

# Automation Portal License

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After installing the portal, you must provide a valid Keverion license to activate the portal.

Provide the **Server ID** value found on the **Setup > Settings** page to Keverion when requesting a license.

Alternatively run this PowerShell command on the target IIS server:

```
(Get-CimInstance -ClassName Win32_ComputerSystemProduct).UUID
```

## *To apply your license:*

1. Select **Setup > Settings**.
2. In the **License** section, click **Upload license**.
3. Click **browse for files** or drag and drop a file into the drop-zone.
4. Click **Upload**.

# Change History

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## Version 4.3

- Added support for webhook integrations.
- Added Keverion Automation Monitor Service to support webhooks and future integrations.
- Added a test connection button on the new/edit connection page.
- Added Always encrypted support to user defined connections.
- Improved API request state transition validation.
- Improved UI validation.
- Improved UI error handling.
- Fixed cosmetic issues.
- General improvements and bug fixes.

## Version 4.2

- Added support for the Automation Portal Mobile iPhone App 2.0.
- The Create-AppRegistration.ps1 script can now be run on any machine that has the necessary PowerShell modules installed.
- Improved request state transition validation.
- Fixed an issue where Operator search results included services without offerings.
- Fixed an issue where Operator search results included items belonging to admin groups.
- Fixed favorites issues for the Operator user role.
- Fixed issues related to enabling/disabling services/folders/offerings/wiki.
- Fixed issues related to user group selection in offerings.
- Fixed an issue where exporting an offering in a folder did not include list values.
- General improvements and bug fixes.

## Version 4.1

- Added support for Azure Deployment.
- Added support for UI customization via themes.
- Added a new view for displaying services and offerings as tiles.
- General improvements and bug fixes.
- Fixed an issue with multiple select list values that have values that contain commas.
- Fixed an issue with filtering on Created and Updated dates.
- Fixed an issue with long services names not displaying correctly in the grid view.
- Fixed an issue with service and offering names being truncated on the request details page.

## Version 4.0

- Initial general available release of the NEW Kolverion Automation Portal.