



SECRETS MANAGER

(Agentless Central Credential Provider CCP)

SECRETS MANAGER INTEGRATION - TECHNICAL DOCUMENTATION

Name of Company: [FIS]

Website: [<https://www.fisglobal.com/en/>]

Name of Product: [FIS-iAutomate]

Version: [3.2.0]

Date: [15-Oct-2022]

PARTNER SOLUTION OVERVIEW

iAutomate – A Robotic Process Automation Tool for Large & Small-Scale End-to-End Automation.

iAutomate brings the benefits of Robotic Process Automation to the desktop. It will offer the most powerful, robust, and easy to use windows-based software that will allow user to automate routine and repetitive tasks.

Product Offering:

- Window Automation.
- Web Automation (IE & Chrome)
- Trigger based Bot execution
- Capture Fast
- PDF & Excel Automation
- Mouse and Keyboard Automation
- Date Time Automation
- FTP/SFTP Automation
- SAP Automation
- Macro & Web Recorder
- Windows/ Quartz Scheduler
- Outlook & Exchange Automation
- Data Table / Dictionary Automation
- Repository Builder for Windows, Web, and SAP
- Integrated Version Control - TFS and Git • Generate Executable Automation • CyberArk.

Version: [3.2.0]

Platform components:

- Task Studio
- BOT Orchestrator
- iAutomate Recorder

KEY BENEFITS

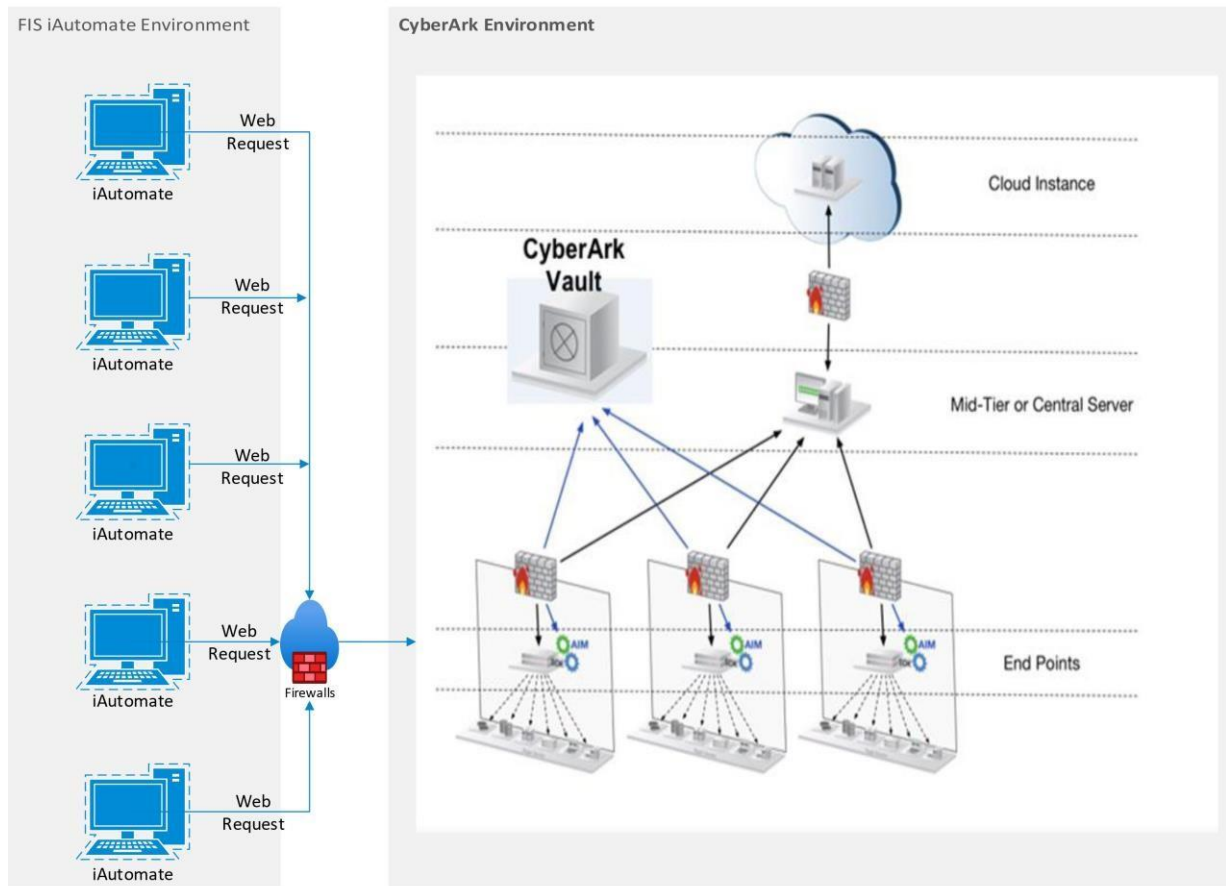
Benefits of iAutomate:

- Automate tasks across business system.
- Improve workforce productivity and streamline everyday task.
- Move business data between systems on a schedule.
- Increase employee satisfaction and reduce human error.
- Reduce operational cost and increase reliability.
- Improve compliance and track progress of Projects.
- Tracking and follow up on potential and existing clients.
- Automate task on your local computer.
- Save time with decision making.

Benefits of integrating iAutomate with CyberArk Secrets Manager:

- iAutomate enables to retrieve credentials from CyberArk through the Get password from CyberArk command.
- Using CyberArk credentials, iAutomate bots authenticate against business applications.
- Enterprises can decouple business applications' credential management from the platform.

PRODUCT DIAGRAM & DESCRIPTION OF PRODUCT INTEGRATION



By sending web request from iAutomate to the CyberArk environment where Secrets Manager installed, we will get the response as JSON result. Further that result will be used to extract the password.

SECRETS MANAGER INTEGRATION

Describe Partner Product and depict where secrets manager integration lies. Description might include:

- Secrets manager will be at CyberArk environment
- Location of integration at iAutomate
- Number of mid-tier servers and number of endpoints in a typical installation depend on the business need

CREDENTIAL RETRIEVAL

- Once we created the script in iAutomate Task Studio with Get CyberArk password, iAutomate can be trigger via scheduler or any available trigger or direct run using the studio option
- Circumstances / frequency is dependent on the business need or triggered program. Usually, credential retrieval will be done once and can be used in entire iAutomate automation flow.
- Describe specific properties required for queries on various platforms
 - Windows

REQUIREMENTS

- System requirements:
 - A device that runs Windows 10 Home, Windows 10 Pro, Windows 10 Enterprise, Windows 11 Home, Windows 11 Pro, Windows 11 Enterprise, Windows Server 2016, Windows Server 2019 or Windows Server 2022. ARM devices are not supported.
 - Minimum hardware
 - Processor: 1.00GHz or faster with 2 or more cores
 - Storage: 2GB
 - RAM: 4GB
 - Recommended hardware
 - Processor: 1.60GHz or faster with 2 or more cores
 - Storage: 10GB
 - RAM: 8GB
 - GPU acceleration
 - .NET Framework 4.0 or later

DEFINING THE APPLICATION ID (APPID) AND AUTHENTICATION DETAILS

To find the required information to populate the action, see the following instructions:

- Server Address: The base URI for the web request.
- Application ID: To find the application ID, open CyberArk Password Vault on a web browser and navigate to the Applications tab.
- Safe: Populate the name of the safe displayed in Private Ark Client.
- Folder and Object: Select a safe in Private Ark Client and populate the folder name displayed on the left pane and the object name displayed in the main list.

Command Properties

General
Exception Handling

CyberArk - Get Password From CyberArk

Server Address :
Insert Variable

Application Id :
Insert Variable

Safe :
Insert Variable

Folder :
Insert Variable

Object :
Insert Variable

Reason :
Insert Variable

Certificate Location :
Don't use Certificate

Certificate Location :
Load Certificate from File

Enter Certificate File Path :
Insert Variable
Select a File

File Password :

Timeout (in seconds) :
Insert Variable
30

Store Password into :
%Password%

Store Response into :
%Response%

Comment Field (Optional) :

Save
Cancel

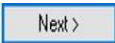
Input Parameters:

Argument	Optional	Accepts	Default Value	Description
Server address	No	<u>Text Value</u>		The base URI for the web request
Application ID	No	<u>Text Value</u>		The application ID to use for the web request
Safe	No	<u>Text Value</u>		The safe on CyberArk in which the application belongs
Folder	No	<u>Text Value</u>		The folder necessary for the web request query
Object	No	<u>Text Value</u>		The object necessary for the web request query
Reason	No	<u>Text Value</u>		
Certification Location	N/A	<u>Boolean value</u>		Specifies how to load (if needed) the certificate for the request
Use only valid certificates	No	<u>Boolean value</u>	False	Specifies whether to load only valid certificates from the store
Enter Certification File Path	N/A	File		The path of the certificate selected from the store
File Password	N/A			The password for the certificate file
Timeout (in Seconds)	30	<u>Numeric value</u>	30	The waiting time (in seconds) to get results from CyberArk

PARTNER PRODUCT INSTALLATION & INTEGRATION CONFIGURATION

Refer the below screenshots for step-by-step installation process:

STEP 1: After clicking on iAutomate link, below screen will navigate you for further process.

Click on the  button to navigate the next screen.

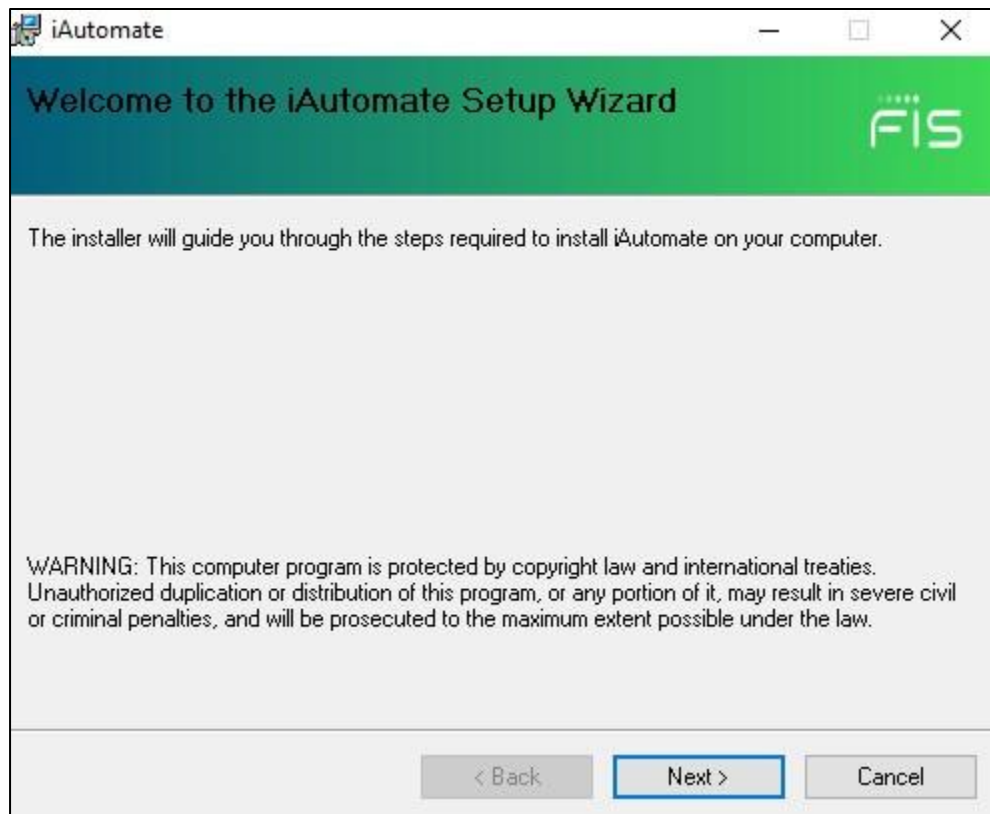
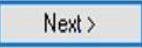


Figure: 1 iAutomate Set up Wizard Screen1

STEP 2: You will get navigated to License Agreement page, here you need to read license agreement and select "I Agree" radio button to proceed further. Once done, click on the  button to navigate on the next screen.

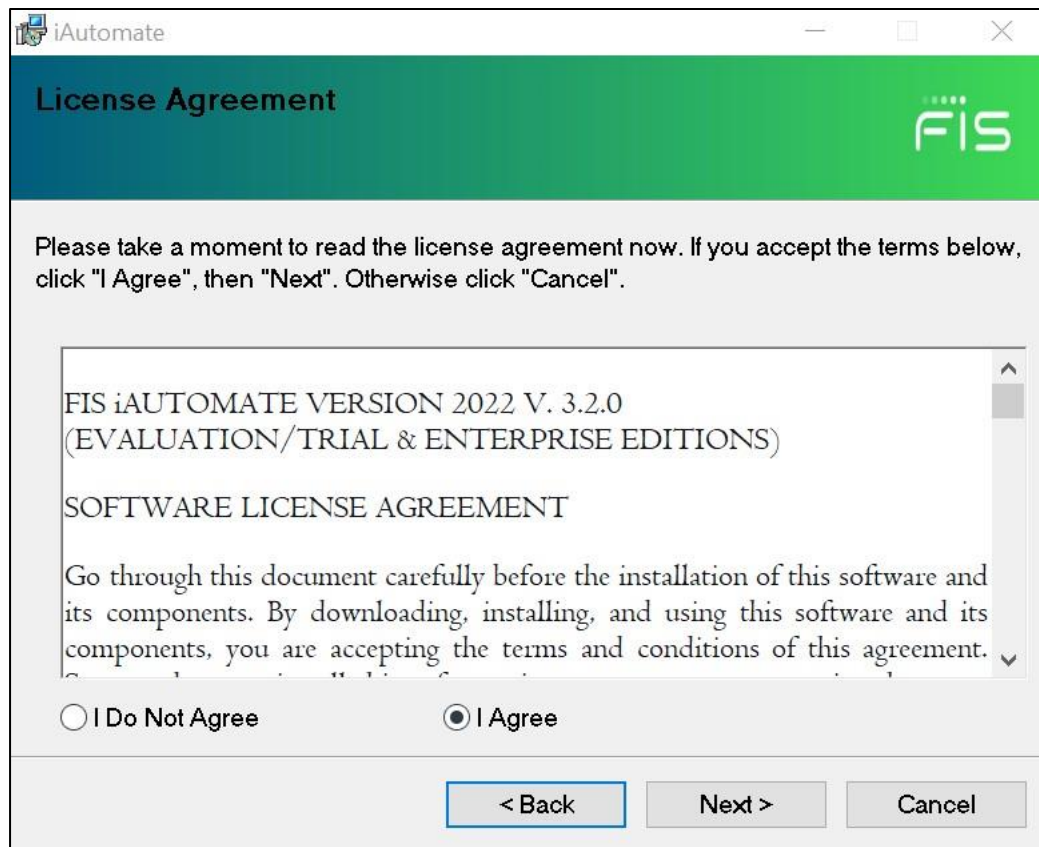


Figure: 2 iAutomate Set up Wizard Screen2

STEP 3: Click on the **Next >** button to install the file in the provided location. If you want to install the file to a specific location, select the location through “Browse” button. Select “Just Me” if you want the iAutomate to be available only to you else select “Everyone” if you want iAutomate to be available to anyone using the system/PC. Once done, Click **Next >** button to proceed to next screen.

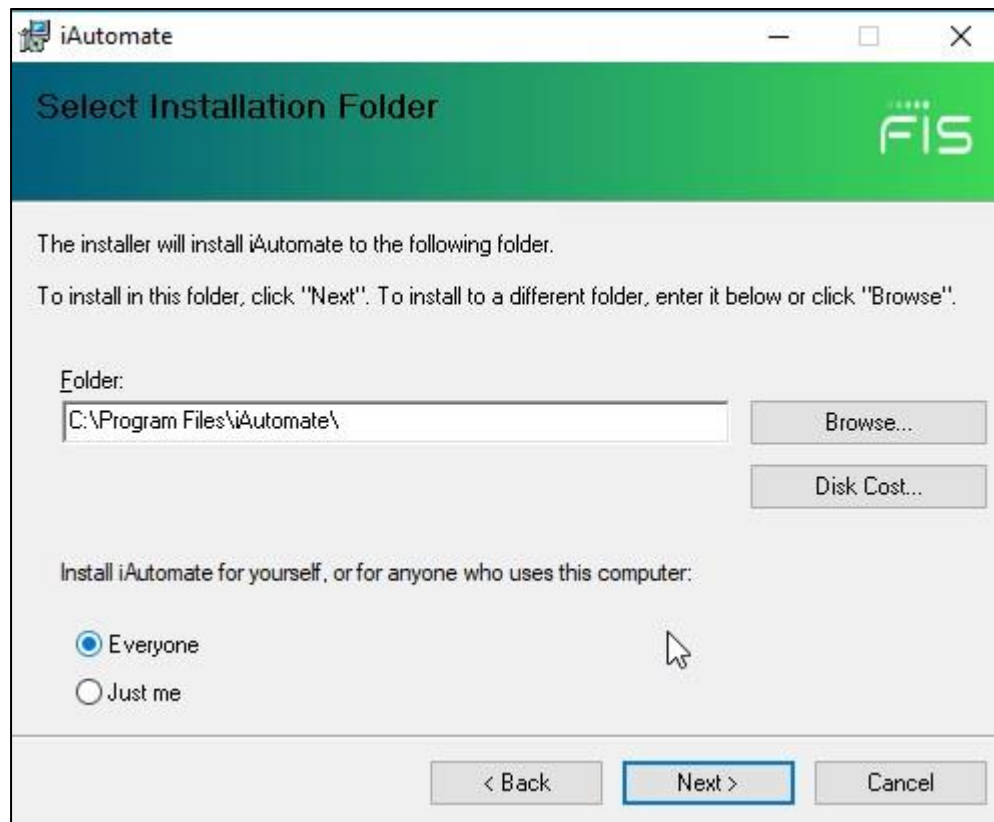
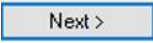


Figure: 3 iAutomate Set up Wizard Screen3

STEP 4: You will be seeing the confirmation screen, Click on the  button.

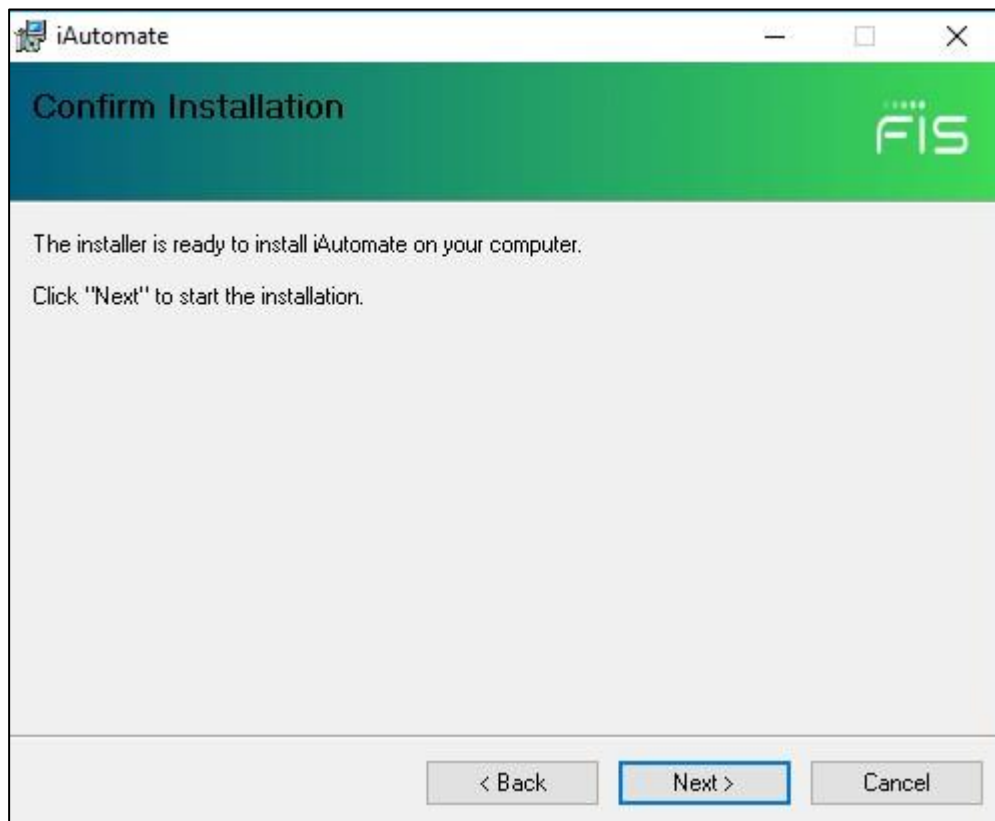


Figure: 4 iAutomate Set up Wizard Screen4

STEP 5: In the below screen, you can see the installation progress.

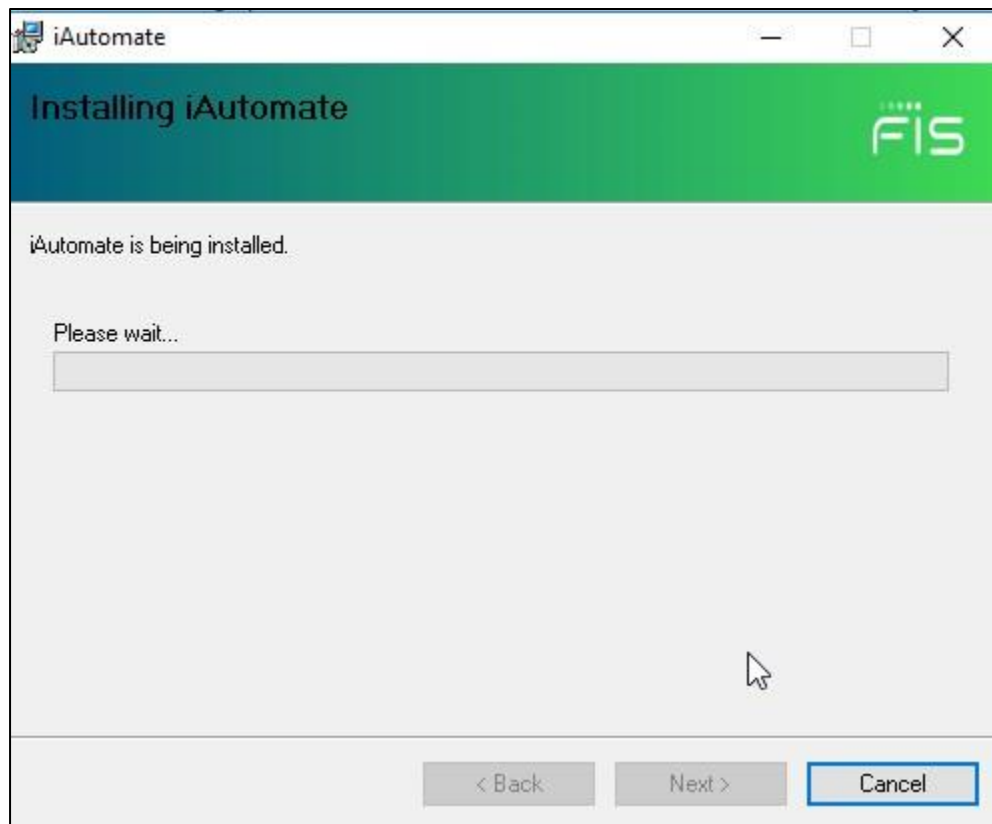
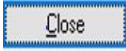


Figure: 5 iAutomate Set up Wizard Screen5

STEP 6: Once installation is complete, click on the  button as it is mentioned on the screen.

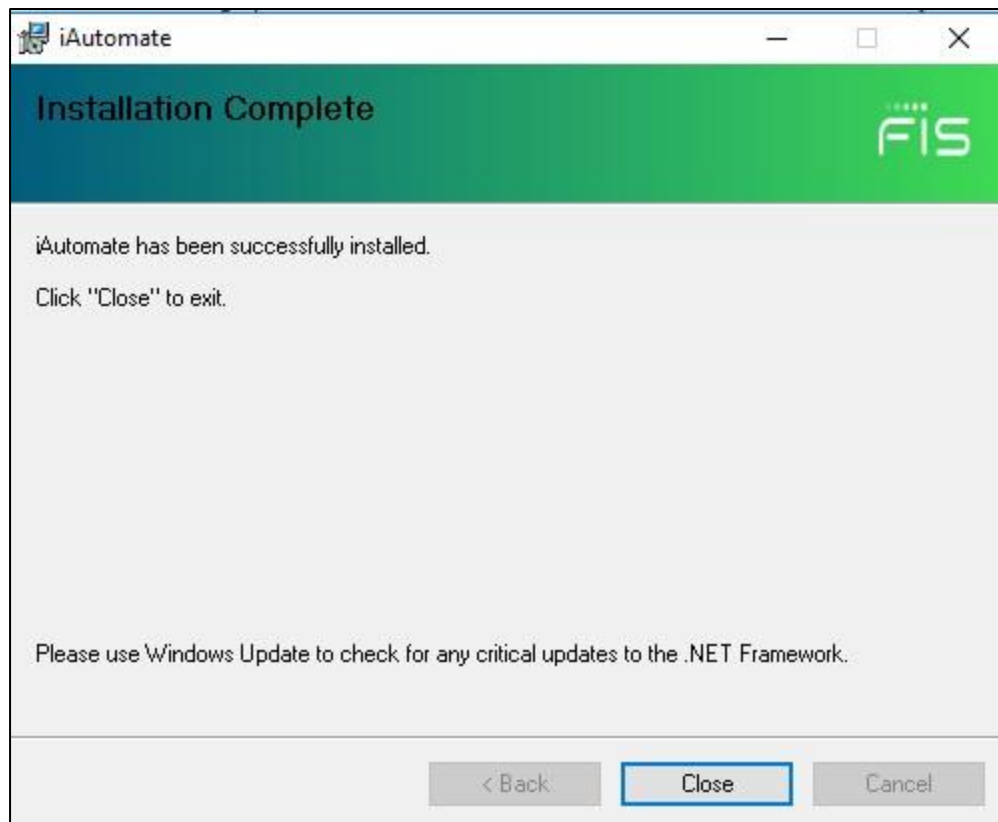


Figure: 6 iAutomate Set up Wizard Screen6

STEP 7: After clicking the close button, the iAutomate icon will be visible in the Desktop.

STEP 8: iAutomate is successfully installed as shown in below figure.



Figure: 7 iAutomate Icon

PARTNER CONTACT INFO

Business Contact	Name	Dipangka K Saikia
	Email	Dipangka.Saikia@fisglobal.com
	Tel	+91-9201355654
Technical Contact	Name	Diwesh Tanwar
	Email	Diwesh.Tanwar@fisglobal.com
	Tel	+91-8505889969
Support Contact	Name	Dilpreet Singh
	Email	Dilpreet.Singh@fisglobal.com
	Tel	+91-9911800199