V/SULE

Installation Guide Visure Authoring 8.1

www.visuresolutions.com



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1 Introduction

This guide contains the necessary information to perform a correct installation of Visure Authoring.

Visure Authoring is a full web-based application that allows internal and external stakeholders to participate in your team's Requirements Management process.

Visure Authoring shares the same database as Visure Requirements ALM Platform which means that users may see the same information regardless of whether they use the desktop client or Visure Authoring. Changes made with one will be available on the other. Visure Authoring provides a simple, yet powerful interface that allows users to create requirement documents and traceability, enter comments and review specifications.

2 Compatibility:

Visure Authoring 8.1 is compatible with the following versions:

Visure Requirements 8.1 Visure Server 8.1

3 System Requirements

Visure Authoring requires IIS 7.5 or higher to be installed and enabled. The selected port in the installation needs to be open.

3.1 Dependencies:

The following components are provided with the installer:

- ASP.NET Core Hosting Bundle 8.0.3
- Visual C++ Redistributable for Visual Studio 2015-2022 x64

3.2 Operating Systems

Microsoft Windows Server 2008 / Microsoft Windows Server 2008 R2 64 bit Microsoft Windows Server 2012 / Microsoft Windows Server 2012 R2 64 bit Microsoft Windows Server 2016 64 bit Microsoft Windows Server 2019 64 bit Microsoft Windows Server 2022 64 bit Microsoft Windows 10 64-bit Microsoft Windows 11 64-bit



3.3 Cloud Services

Amazon Web Services (AWS) Google Cloud Platform (GCP)

3.4 Browsers

3.4.1 Desktop browsers:

Chrome (latest stable version) Internet Explorer 11 Microsoft Edge Mozilla Firefox (latest stable version) Safari on Mac OS X only (latest stable version)

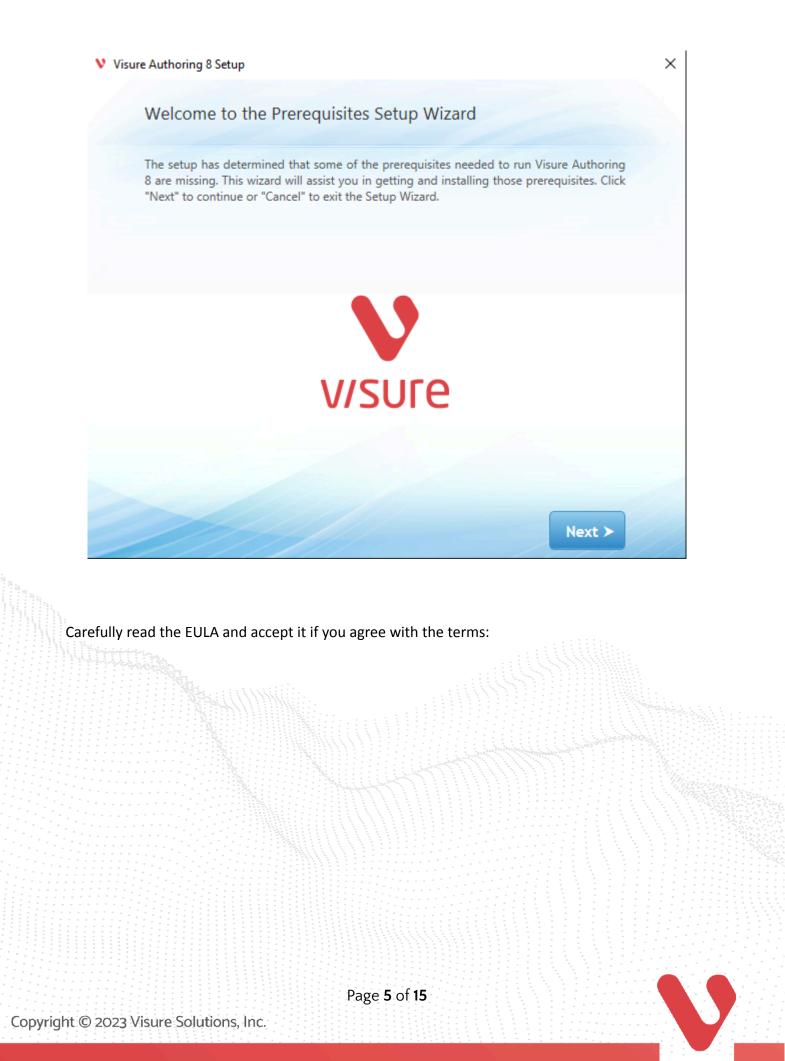
3.4.2 Mobile browsers:

Chrome (latest stable version) Safari on iOS only (latest stable version) Android 4.0 (Ice Cream Sandwich)

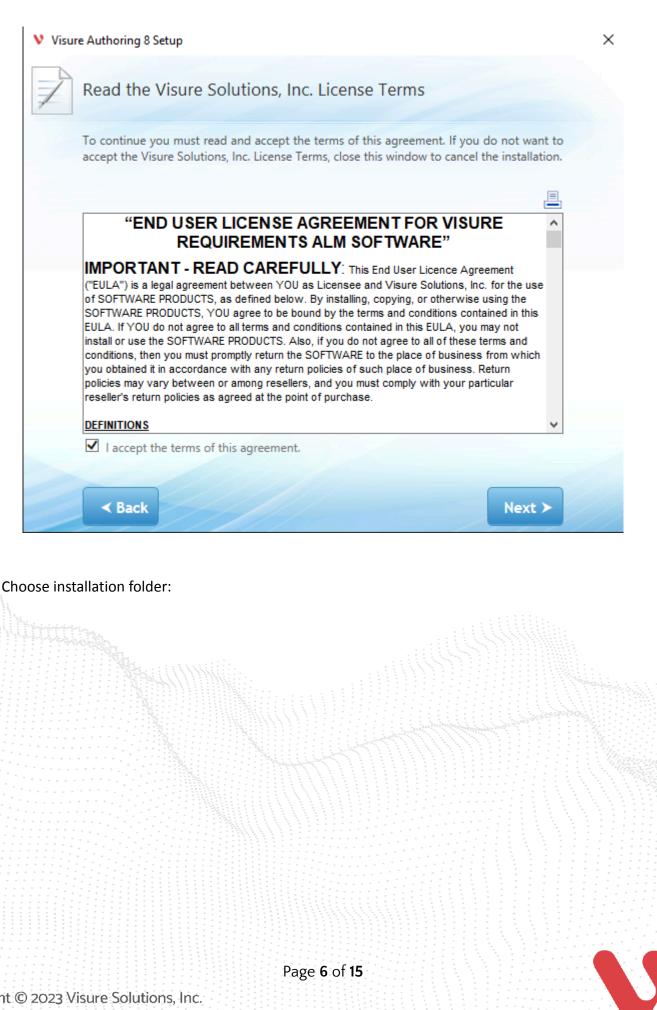
4 Installation Instructions

- 1. Download Visure Authoring installer.
- 2. Run the installer with a windows administrator account
- 3. Follow the prompts to install Visure Authoring 8.1:

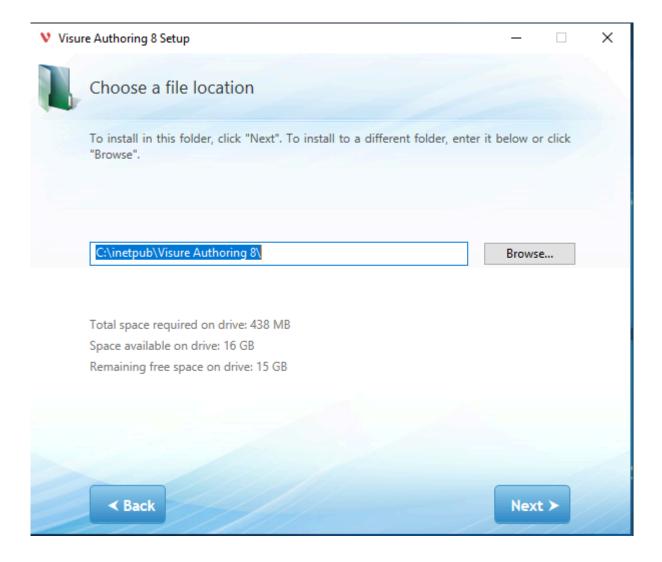












Select installation type:

Web Site will create the Visure Authoring website in IIS in the selected port. Select the public domain of the server, e.g. visuresolutions.com, or the server's name e.g. VISURE-SERVER.Web Application will create a new application in an existing Web Site. The application will be accessible via the existing website, port and the selected Alias.

The server name or domain will be extracted automatically from the IIS selected Web Site. If the domain is not the appropriate one, you will be able to modify it in the next step of the installation process



Visure Authoring 8	Setup			×
Installat	tion Type			
Server name or Don	nain (e.g. visuresolutions.com)			
servername.doma	inname			5
Select the type of w	eb installation you want for Visure Authoring 8			
O Web Site				
Name: Vi	sureAuthoring8	Port:	80	
Web Applicat	ion			
Web Site:	Default Web Site		~	
Alias:	VisureAuthoring8			
				1
Back			Next	

The Public URL displays an automatically generated URL based on the previous step. In this step you will be able to manually change the server name or domain with the correct one, if necessary.







Select the Visure Server and connection. The Visure Authoring installation allows to manually enter the name of any of the connections available in the Visure Requirements ALM 7 Server. This information may be entered manually after the installation in the "RPCConnection" tag in the appsetting.json file, located in the installation folder, typically C:\inetpub\Visure Authoring 7. You will need administration rights to update this file. The appsettings.json file should look similar to

"Database": {

```
"RPCServer": "VISURE-SERVER",
   "RPCPort": 9091,
   "RPCConnection": "Test Connection"
},
```

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V Visure Authoring 8 Setup		×
Visure Server		
Visure Server	servername.domainname	
Port	9091	
Connection	VisureDB	
		/
Pack		Mart
Back		Next

Select security certificate file (.crt) in the case that Visure Server has been installed with security certificate:

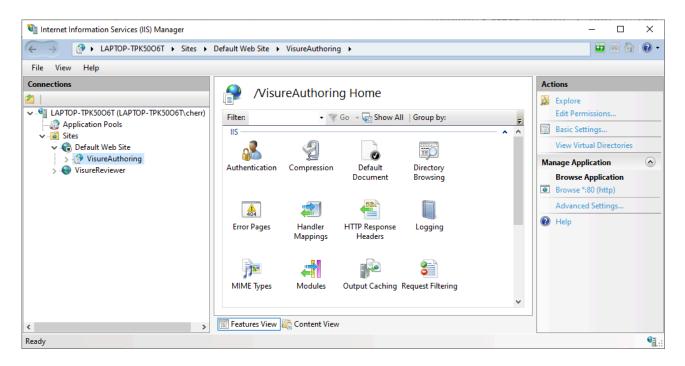
Page 10 of 15 Copyright © 2023 Visure Solutions, Inc.	han a start and a start		
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		Page 10 of 15	
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Visure Authoring 8 Setup	×
Certificate	
Would you like to use a certificate to connect to the Visure server?	
 No O Yes 	
Select certificate:	
	Browse
Back	Next
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A new web site or web application will be added in IIS.



After installing Visure Authoring a restart of IIS is required.

5 Database connection:

Once installed, and if this information was not entered during the installation, or needs to be modified, we need to configure the connection to the database in the Visure Server. This connection to the database is configured in the file appsettings.json located in the installation folder, typically C:\inetpub\Visure Authoring 8, by default.

Edit the file appsettings.json with a text editor (executed with administrator rights) and modify the "RPCConnection" section:

```
"RPCServer": "visure server",
"RPCPort": 9091,
"RPCConnection": "Production Database"
```

RPC connection must be the same as shown in Visure Server 7 Administration Center

6 License

Visure Authoring connects to a Visure Server and consumes a VR Client license, the same as Visure Requirements ALM 8.

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7 Troubleshooting

7.1 Empty descriptions or descriptions remain permanently loading

Descriptions are cached in the Windows Temp folder in the server, and Visure Authoring should have access rights to this folder. If descriptions never end up loadin in Visure Authoring, give permissions to the following user over the descriptions folder: C:\Windows\Temp

Access the c:\Windows folder

Properties > Security Tab > Edit > Add... > **IIS AppPool\Visure Authoring 8** > Check Names > Ok > Full Control

📕 Temp Properti	es				×
General Sharing	Security	Previous Version	ons C	ustomize	
Object name: 0	:\Window	s∖Temp			
Group or user nan	nes:				
Instead Instal	ller				~
account Uni	known(S-1-	5-82-10484124	37-420	1203743-9	92
🞎 Visure Autho	ring 7				
2 Account Link		5.92.55696917	2.2450		
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To change permis	sions, click	Edit.		💡 Edit .	
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List folder conte	ents		× × ×		
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Write			2		\sim
For special permissions or advanced settings, Advanced click Advanced.					
	0	K Ca	ancel	A	pply

7.2 How can I change security token timeout?

If you want to change the default token lifetime (by default 1200 secs) you should Run notepad with administrator rights and edit the file "C:\inetpub\Visure Authoring 7\appsettings.json"

Change the parameter "sessionTimeour" under "AngularSettings" section



```
"AngularSettings": {
   "sessionTimeout": "1200", //seconds
   "version": "7.0.0.4036",
   "maxUploadFileSize": "64" //MB
}
```

7.3 How can I install IIS

Internet Information Service is a windows feature that needs to be enabled.

To install it, press the Windows + R key combination to bring up a run box, then type appwiz.cpl and press enter.

	Run
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	appwiz.cpl 👻
	OK Cancel Browse

This will open the Program and Features part of Control Panel, on the left hand side click on the "Turn Windows features on or off" link.

	Programs and Features
🕜 💮 🖻 🕆 🧟 k Control Pa	anel 🕨 Programs 🕨 Programs and Features 🔹 👻
Control Panel Home View installed updates <u>Turn Windown features on or</u>	Uninstall or change a program To uninstall a program, select it from the list and then click Unins
off V	Organize 🔻
	Name Publisher
	No programs are installed on this con

Now click on the Internet Information Services check box.



	Windows Features	x
Turn W	indows features on or off	0
	feature on, select its check box. To turn a feature off, clear it x. A filled box means that only part of the feature is turned or	
+	.NET Framework 3.5 (includes .NET 2.0 and 3.0)	
÷	.NET Framework 4.5 Advanced Services	
	Active Directory Lightweight Directory Services	=
+ 🗐	Hyper-V	
V]	Internet Explorer 10	
÷ 💷 🍡	Internet Information Services	
	Internet Information Services Hostable Web Core	
+ 🔽 🌡	Media Features	
+ 💷 🎚	Microsoft Message Queue (MSMQ) Server	
	Network Projection	
🛛 🕀 🗖 🚺	Print and Document Services	
	RAS Connection Manager Administration Kit (CMAK)	Ŧ
	OK Cance	1

After clicking OK, this dialog will appear on your screen for a while.

	🕑 🖪 Windows Features	
	Applying changes	
un L		
	Cancel	
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