

User Guide

Installation and Licensing

Visual Components 4.9

Visual Components Product Family



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Introduction

This User Guide has been designed to assist users who are installing and activating software license keys for a Visual Components product.

System requirements

The updated system requirements for using a Visual Components product, can be found at: https://www.visualcomponents.com/system-requirements/

Installation Requirements

For a successful installation you will need:

- Visual Components product installer
- Software license key

A software license key can only be activated for a specified product and version. We recommend that prior to installation, you confirm for which product and version your license key is intended.

Installation

To install Visual Components, you will first need to visit the downloads page, to download the installer for your product and version.

Installing Visual Components

1. Begin by running the installer, then on the Setup Wizard dialog, click Next.

🐯 Visual Components Premi	um 4.9 Setup	×
	Welcome to the Visual Components Premium 4.9 Setup Wizard The Setup Wizard will install Visual Components Premium 4.9 on your computer. Click "Next" to continue or "Cancel" to exit the Setup Wizard.	9
	< Back Next > Cancel	

2. On the End-User License Agreement dialog, read and accept the terms, then click Next.



3. Review the privacy policy and click Next.

Visual Components Premium 4.9 Setup	2	×
User privacy agreement		
Application data privacy policy		
v.20230504		
The protection of your personal data is very important to us. In the following we inform you about the collection of personal data when ordering and using Visual Components and Visual Components Experience (hereinafter referred to individually or collectively as		
"software"). Personal data is all data that can be related to you personally, e.g. name, address, e-mail addresses, user behavior.		
< Back Next > Cance	el)

4. In the Features tab of the Configure dialog, you may disable the File Type Associations for this application. And you may also if necessary, disable the KUKA.Sim or Doosan Add-Ons.

Nisual Components Premium 4.9 Setup)	×
Configure how Visual Components Pre	mium 4.9 will be installed	
Features Installation Folder		
Select the features to be installed		
 Main File Type Associations File Type Associations vcm vcm vcmx Add-Ons KUKA.Sim AddOn Doosan 		
	< Back Next >	Cancel

And In the **Installation Folder** tab, accept the default location, or click **Browse** to set the location of your Visual Components program files, then click **Next**.

🐯 Visual C	omponents Premium 4.9	Setup		×
Configure	how Visual Componen	ts Premium 4.9 wil	l be installed	
Features	Installation Folder			
Visual C differen C: \Pro	Components Premium 4.9 v nt location, enter it below ogram Files\Visual Compon	vill be installed on you or click "Browse". ents\Visual Componer	nr computer. To in	Istall to a Browse
Total s Space a Remain	pace required on drive: available on drive: ing free space on drive:	1.49 GB 455 GB 453 GB		
		< Back	Next >	Cancel

5. Then click Install.



6. Then click Finish.

Note: Uncheck the *Launch* option if you do not wish to launch the application right away.

🐯 Visual Components Premi	um 4.9 Setup	×
	Completing the Visual Components Premium 4.9 Setup Wizard	
	Click the "Finish" button to exit the Setup Wizard.	
	✓ Launch Visual Components Premium 4.9	
	< Back Finish Cancel	

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Uninstall or Change Visual Components

Begin for example by launching the Windows Control Panel and access the **Uninstall a program** options.



Change

1. In the **Uninstall or change a program** panel, select the Visual Components product you wish to remove, then click **Change**.



- 2. On the Setup Wizard dialog, click Next.
- 3. On the Modify, Repair or Remove installation dialog, you may select the following options:
 - Select **Modify** to enable or disable application features. See installing Features.
 - Select **Repair** to repair the application. This process reinstalls the application to replace any missing files.
 - Select **Remove** to remove the application and files. See **Remove Visual Components**.

💀 Visual Components	s Premium 4.9 Setup	×
Modify, Repair or Re Select the operation	emove installation you wish to perform.	
	Modify Allows users to change the way features are installed.	
<u>/×)</u>	Repair Repairs errors in the most recent installation state - fixes missing or corrupt files, shortcuts and registry entries.	
	Remove Removes Visual Components Premium 4.9 from your computer.	
	< Back Next > Cancel	

4. On the Setup Wizard dialog, click Finish.

🐯 Visual Components Premi	um 4.9 Setup	×
	Completing the Visual Components Premium 4.9 Setup Wizard Click the "Finish" button to exit the Setup Wizard.	
	< Back Finish Cancel	

Uninstall

1. In the Uninstall or change a program panel, select the Visual Components product you wish to remove, then click Uninstall.



2. On the Setup Wizard dialog, click Next.



- 3. On the Remove Visual Components dialog, you may select the following options:
 - Select Deactivate License to deactivate any license keys for this product, that are currently active on your device.
 Note: We recommend deactivation of a product license key during uninstallation, to avoid possible future issues, when re-installing the software on a different computer.
 - Select Remove configuration and log files to remove these files from the following example directory:
 C:\Users\UserName\AppData\Local\Visual Components\Visual Components
 Premium 4.9
 - Select Remove eCat files to remove eCatalog files from the following directory: C:\Users\Public\Documents\Visual Components\4.9\Models
 Note: This process does not affect any data in your *My Models* folder. For example in the following directory:

C:\Users\UserName\Documents\Visual Components\4.9

Then click Remove.

Nisual Components Premium 4.9 Setup	<
Remove Visual Components Premium 4.9	
You have chosen to remove the program from your computer.	
Click "Remove" to remove Visual Components Premium 4.9 from your computer. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.	
Deactivate License	
Remove configuration and log files.	
Remove eCat files.	
Advanced Installer Cancel Cancel	

4. On the Setup Wizard dialog, click Finish.

Licensing

The first time you run a Visual Components application, you will be prompted to provide either a standalone software license key, or the address to a Visual Components Network License Server. Refer to the Commercial License section for more information.

Note: Your computer and network must allow traffic from Visual Components software, so you may need to modify your firewall settings. For more information, refer to the Frequently Asked Questions section.

Evaluation license

Evaluation licenses are software license keys with a specific number of activation days. Once activated on a standalone computer system, they cannot be deactivated, nor can they be transferred to another system.

Activation of the evaluation license, will expire automatically after the specified number of activation days. After the evaluation period, the user is required to purchase a Commercial License to continue using the Visual Components product.

- **1.** To start your evaluation period, visit the downloads page to download the installer for your product and version. Then install your Visual Components application and activate your evaluation license key.
- When starting your application, from the Evaluation License dialog, you can either choose Upgrade, or choose Evaluate to continue to use the software within the evaluation period.
 Note: You can use this dialog to track how many days remain of your evaluation period.

Visual Components Premium 4.9	
VISUAL COMPONENTS	Evaluation license
~	Thank you for evaluating Visual Components Premium 4.9.
	Your evaluation license will expire in 30 days.
	If you wish to continue evaluation, click 'Evaluate'. If you have a valid license key or access to a network floating license server, you can set it now by clicking 'Upgrade'.
	For information how to buy a license contact 'Visual Components' dealer clicking 'Contact'.
	Contact
	Cancel < Back Upgrade Evaluate

3. To upgrade during the evaluation period, select the **FILE** tab to access the Backstage view, then select **Info** and **License**.

4. And from the Application License tab click Upgrade.



Commercial license

A commercial license, is either a time limited or perpetual license key, that can be found in your shipping note.

Commercial License key types

License keys are available for the following Visual Components products:

- Visual Components Premium
- Visual Components Professional
- Visual Components Essentials
- Visual Components Premium OLP
- Visual Components Professional OLP
- Visual Components Robotics OLP

Note: Any references to "Robotics OLP" in this user guide, refers to all three OLP products listed above, as part of the Visual Components Robotics OLP family of products.

Standalone product key

Online Activation

To use your commercial product key to activate a Visual Components product, follow these steps:

- 1. Run your Visual Components application.
- 2. On the Welcome dialog, click Next.



3. On the License type dialog, select I have a standalone product key, and then click Next.

Visual Components Premium 4.9	
License type Please specify if you are using a standalone or a floating license:	
 I have a standalone product key 	
My organization is using network floating license server	
Cancel < Back N	ext > Finish

4. On the Standalone license dialog, enter your 16-digit product key, and then click Next. Note: If you have a license key that includes Robotics OLP, some features will be available to enable in the Backstage view. Refer to the Enable Robotics OLP section for more information.

Visual Components Premium 4.9	
Standalone license Please enter your product key	
Your product key looks similar to this:	
PRODUCT KEY : XXXXX-XXXXX-XXXXX-X	
Product key	
A PART PATER. AN ARTA	
If you do not have a product key, please contact your Visual Components dealer. Click here	
Cancel < Back Next >	Finish

- **5.** If there is an error or issue with the license, contact Visual Components licensing support via email at licensing@visualcomponents.com.
- **6.** Following product activation, use the **Registration** dialog to create a licensing account using an email address and password. Or you can select **Skip** and register an account later, using the steps outlined in the **Register Product Key** section.

Visual Compon	ents Premium 4.9				
Registration Please registe	r your product to access online resourc	es.		/	\bigcirc
Login with existi	ing licensing account	Create new licen	ising acco	unt	
Email		First Name *			
Password		Last Name *			
	Forgot password?	Company			
	Login	Email *			
		Password *			
		Password Agai			
		I agree to the Visua	al Component:	s <u>Privacy Policy</u> *	
					Register
		Ca	ancel	Skip	Finish

NOTE! Registration requires an active Internet connection and the password you create must be at least eight characters in length, and include the following:

- At least one lower case letter.
- At least one upper case letter.
- At least one special character.
- At least one number.
- 7. Once you have registered your product, you can use the account to manage your software licenses online in the Customer Portal at license.visualcomponents.net, and request Customer Support at support.visualcomponents.com.
- 8. Click Finish to complete licensing.



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Robotics Solver Add-on Activation

To activate a Visual Components Robotics Solver Add-on license key, you should also have a license key for one of the following products:

- Visual Components Premium OLP
- Visual Components Professional OLP
- Visual Components Robotics OLP

Note: A Robotics OLP product will enable OLP features in the **PROGRAM** and **PAINT** tabs, including the **Path Check** Panel. Activating the additional Robotics Solver Add-on License enables three buttons in the **Path Check** Panel, and some additional settings that are only available when using the Robotics Solver Add-on.

Path check (Generic Articulated Robot)	 Ŧ×
0	Program 🔹 🚺 Check
	>
	>>``
Output Path check (Generic Articulated Robot)	

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To activate the Robotics Solver Add-on follow these steps:

- **1.** Start your Visual Components Robotics OLP application.
- 2. Select the FILE tab to access the Backstage view, then select Options and Add On.

\bigcirc	
Clear All	Ontions
Info	Options
Open	General
Save	
Save As	Display
Print	Add On
Options	
Exit	

3. From the View and mange **Add**-ons section for Robotics Solver click Enable.

Robotics OLP	Disable
Note: Enabling or disabling this feature takes effect after application restart.	
Extended robot offline programming tools. These tools support robot programming of several pro including arc welding, spot welding, cutting, deburring, sanding, painting and spray coating.	cesses
Robotics Solver	Enable
Note: Enabling or disabling this feature takes effect after application restart.	
Solve automatically the problems on robot motion paths with Robotics Solver. These tools can solv typical problems such as collisions, singularities, joint limit issues and reachability problems. Solver process paths, via paths and search paths. Robotics Solver might require some setup work for the b functionality, find more information from your reseller.	e many supports best

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4. On the **Robotics Solver** panel, select your license type **Standalone license**, and then click **Next**.



5. Then enter your Robotics Solver Add-on License key and click Activate.



6. Once the Robotics Solver Add-on has been enabled, the status will change to **Disable**, and you will need to restart the application.



7. Then select the FILE tab to access the Backstage view and use Exit to close the application and restart.



Support support@visualcomponents.com Forum Forum.visualcomponents.com © 2024 Visual Components Oy 8. To check the status of your Robotics Solver Add-on license, use the FILE tab to access the Backstage view, then select Info and License and the Add-On Licenses tab.

\bigcirc		Visual Components Premium OLP 4.9
Clear All Info	Info	
Open Save	Layout	Siew and manage license
Save As	License	Application License Add-On Licenses Robotics Solver
Print	Version	License type: Standalone
Options Exit	EULA	Product key Expiration date 12/31/2024 12:00:00 AM Deactivate

Note: Should you ever need to transfer your software licenses to another Visual Components Customer Account, any add-on Licenses you have activated will also be transferred. For more information refer to the Updating Registration Information section.

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KUKA.Sim AddOn Activation

The KUKA.Sim AddOn is available for users of Visual Components Premium and Premium OLP. To activate the add-on follow these steps:

- 1. Start your Visual Components application.
- 2. Select the FILE tab to access the Backstage view, then select Options and Add On.

¢	
Clear All Info	Options
Open	General
Save	
Save As	Display
Print	Add On
Options	
Exit	

3. From the View and mange Add-Ons section for KUKA.Sim AddOn click Enable.

Connectivity	Disable
Note: Enabling or disabling this feature takes effect after application restart.	
The Connectivity feature enables fast synchronization of simulation variables with external controllers as This enables the simulation to be controlled by e.g. Programmable Logic Controllers (PLC) for verification software.	nd data sources. on of control
KUKA.Sim AddOn	Enable

Support support@visualcomponents.com Forum Forum.visualcomponents.com © 2024 Visual Components Oy 4. On the KUKA.Sim AddOn panel, select your license type Standalone license, and then click Next.



5. Then enter your KUKA.Sim AddOn License key and click Activate.



 Once the KUKA.Sim AddOn has been enabled, the status will change to KUKA.Sim AddOn – restart required, so then click OK below.



7. Then select the FILE tab to access the Backstage view and use Exit to close the application and restart.



Support support@visualcomponents.com Forum Forum.visualcomponents.com © 2024 Visual Components Oy 8. Then restart the application and your KUKA.Sim AddOn will be enabled.

Note: To manage the add-on, use the FILE tab to access the Backstage view, then select **Options** and **Add On**. And under **View and mange Add-Ons**, refer to the **KUKA.Sim AddOn** sections.



9. To check the status of your KUKA.Sim AddOn license, use the **FILE** tab to access the Backstage view, then select **Info** and **License** and the **Add-On Licenses** tab.



NOTE: Should you ever need to transfer your software licenses to another Visual Components Customer Account, any add-on Licenses you have activated will also be transferred. For more information refer to the Updating Registration Information section.

Register Product Key

If you skipped the product Registration option while activating your software license key, you can register using the following options:

1. Select the FILE tab to access the Backstage view, then select Info and License. And under Registration Information click Register.

Info		
Layout	😔 View and	manage license
License	Application License	Add-On Licenses
Version	Project License	Settings
	Product key	WENE-007F 4009P 4
	Product	Visual Components Premium 4.9
EULA	Online renewal date	03/08/2024
	Expiration date	28/02/2025
	Deactivate	

 You can then Register by either selecting Yes, I have an account and signing in using the email and password for an existing account. Or create a new account by choosing No, create one for me now.

Have you registered a p	product before?	
Yes, I have an accour Email *	ıt	
Password		
No, create one for m	e now	Login
		Cancel

3. And to create a new account complete the registration form.

Note: The password you create must be at least eight characters in length, and include the following:

- At least one lower case letter.
- At least one upper case letter.
- At least one special character.
- At least one number.

Have you registered a p	roduct before?
Yes, I have an account	t
No, create one for me	e now
First Name *	
Last Name *	
Company	
Email *	
Password *	
Password Again *	
I agree to the Visi	ual Components Privacy Policy *
	Register
	Cancel

4. Then once your account has been added, your account details will appear under **Registration Information** in the **License** section of the Backstage view.

Layout	😔 View and manage license
License	Application License Add-On Licenses
Version	Project License Settings
	Product key
	Product Visual Components Premium 4.9
EULA	Online renewal date 03/08/2024
	Expiration date 28/02/2025
	Deactivate
	Registration Information
	This product is registered to
	Email
	Name
	Company Visual Components
	Password

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5. Once the product key has been registered, you can check the activation history of your software license keys online in the Customer Portal at license.visualcomponents.net.



NOTE: Network License keys are not visible through the Customer Portal.

Updating Registration Information

Should you ever need to update your registered user information or transfer your product licenses to another account, visit the **Registration Information** section, enter your account password, and click **Change registration**.

And then use either the **Transfer to another account** or **Update current user information** options.

plication I	License	Add-On License	s			
Project	License	Settings				
Product k	œy					
Product		Visual Compon	ents Premium	4.9		
Online re	newal date	e 03/08/2024				
Expiration	n date	28/02/2025				
Deactiv	ate					
Deactiv	ate					
Deactive Registra	^{ate} ation In	formation				
Deactive Registra This produ	ate ation In	formation		What do you <u>want</u>	to change?	
Deactive Registra This produ Email	ate ation In uct is regist	formation tered to		What do you want	to change?	
Deactive Registra This produ Email Name	ate ation In uct is regist	formation tered to		What do you want Transfer to another to another the second secon	to change? her account	
Deactive Registra This produ Email Name Company	ate ation In uct is regist Visual Cc	formation tered to omponents	milicom	What do you want Transfer to anoth Email *	to change? her account	
Deactive Registra This produ Email Name Company Password	ate ation In uct is regist Visual Co	formation tered to omponents	maileann	What do you want Transfer to anoth Email * Password	to change? her account	
Deactive Registra This produ Email Name Company Password	ate ation In uct is regist Visual Cc Forgot Pa	formation tered to omponents ***** ssword?		What do you want Transfer to anoth Email * Password	to change? her account	Login

NOTE: Transferring your product licenses will also include any currently activated add-On Licenses e.g. KUKA OLP AddOn.

Offline Manual Activation

For detailed information on how to manually activate your copy of Visual Components, please use this link Manually Activate a Standalone License to view a detailed video guide on the Visual Components Academy.

Recycle Bin		
Visual Componen.	Ciffline Activation Offline Activation required. Unable to detect an internet connection on this machine. You can manually Activate by following the steps below : . Generate Activation Request File . Submit file to the web site at htms://forme.sinuk/components.net/	
	2. Sublink the to the web site at Interview Instance Instance Instance 3. Upload license file 4. Activate offline Activate Cancel: < Back Finish	
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Online Deactivation

You can deactivate a standalone license for use on a different machine. For more information, refer to the Deactivation limit/Transfer limit section below.

1. Select the FILE tab to access the Backstage view, then select Info and License. And under Project License Settings click Deactivate.



2. In the **Deactivate** dialog, click **Deactivate**.



- **3.** If your license was successfully deactivated, on the **Deactivation status** dialog, do one of the following:
 - To complete deactivation, click **Close**.
 - To configure a new license, click **Configure**.

Visual Components Premium 4.9	
Deactivation status Use this confirmation page to deactivate your product key.	
Successfully deactivated the product key Click Configure to configure a new product key or floating license server	
	Close Configure

4. To configure a new license refer to the Online Activation section of this document.

Offline Manual Deactivation

For detailed information on how to manually deactivate your copy of Visual Components, please use this link Manually Deactivate a Standalone License to view a detailed video guide on the Visual Components Academy.

Manuf Company of Contract of Contract	
Hine Deactivation No Internet connection. Manual Deactivation required.	
We are unable to detect an internet connection on this mar steps below :	chine. You can manually deactivate by following the
Steps for offline Deactivation:	
1. Generate Deactivation Request File	Generate
2. Submit request file to website at https://license.visualo	omponents.net/
3. Upload permission file response	Upload
4. Deactivate and save confirmation file	Deactivate
5. Submit confirmation file at https://license.visualcompo	nents.net/
	Cancel < Ba

Deactivation limit/Transfer limit

A perpetual standalone software license key can be activated and deactivated up to 3 times during a 30-day period. This transfer limit is defined in our End User License Agreement (EULA). Once this limit is reached, the date on which the next transfer is possible will be displayed in an error message.



If there is a requirement to transfer a key more than 3 times in a month, you will need to upgrade to a Network License. Contact your Sales Representative to upgrade from a standalone to a Network License Key.

If you have Registered your product key, you can check the activation history of your software licenses online in the Customer Portal at license.visualcomponents.net.

1. To view the activation history of an individual license, from the **My Product Keys** page click on the **Product Key** link.

Search results						
Product key	Product	Туре	Status			
NT RO-N	Visual Components Premium 4.9	Standalone key	Activated on I			
Copyright 2022 by Visua nponents	Oy Privacy Policy www.visualcomponents	i.com				

2. Then in the **Details** page for that specific **Product Key**, you can examine its **Activation history**.



Note: Network License keys are not visible through the Customer Portal.

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Activation renewal

- A standalone license is activated for example, for 90 days.
- Upon expiration of the current activation period, the product key will attempt to automatically re-activate when you launch the application.
- This requires your computer to be connected to the internet.
- If online renewal fails, you will receive a notification that asks you to renew the license manually.

To view the renewal date of your active License, select the **FILE** tab to access the Backstage view, then select **Info** and **License**. And under **Project License Settings** refer to the **Online renewal date**.



Managing Add-ons

It is possible to enable and disable the list of available add-ons.

Note: In this example, we will enable the **CONNECTIVITY** tab. The list of available add-ons may vary per Visual Components product.

1. Select the FILE tab to access the Backstage view, then select **Options** and **Add On**.

\bigcirc	
Clear All Info	Options
Open Save	General
Save As	Display
Print	Add On
Options	
Exit	

2. From the View and mange Add-Ons section for Connectivity, click Enable, then click OK.

View and manage Add-ons	
Paint	Disable
This plugin allows to simulate painting processes. These processes can be customized and muser's needs and calibrated to real paint settings, such as a paint booth and quality performa tools.	odified according ince of paint gun
Stäubli Add On	Enable
Note: Enabling or disabling this add on takes effect after application restart.	
The Stäubli add on allows users to create and simulate robot work cells in conjunction with S CS9 robot controller emulators. Features include robot arm pose and I/O synchronization bet components and robot controllers, and a robot program post processor.	täubli's CS8 and tween simulation
Connectivity	Enable
Note: Enabling or disabling this feature takes effect after application restart.	
The Connectivity feature enables fast synchronization of simulation variables with external co data sources. This enables the simulation to be controlled by e.g. Programmable Logic Contro verification of control software.	ontrollers and ollers (PLC) for
	OK Cance

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3. Then select the FILE tab to access the Backstage view, and use Exit to close the application.



4. Then restart the application, and the **Connectivity** tab should now be available.

💟 🗎 💡	Ŧ					Visual C	Components Premi	ium 4.9	
FILE H	HOME PROCESS	MODELING	PROGRAM	DRAWING	HELP				
Clear	Remove	Add Server	nemove	Add S Group Var	ihow riables				
Configuration Connectiv	server vity Configuration	 	Variable Grou		ndows	() 0:00:00) × 1.0 -		*- / / / /

5. To disable the **Connectivity** tab, repeat the process and choose **Disable**.



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Network License

Management of Network License keys for Visual Components, is managed by the Visual Components License Server Management Console, that is installed on a centralized server PC inside an organization's network. And a client PC needs to be inside the same network, to access a Visual Components product using a Network License key.

To download the Visual Components License Server Management Console, and the User Guide, visit the Network License Server section of the Visual Components downloads page.

Online Activation

To activate a Network License, your License Admin should already have setup a Network License Server.

Note: For information on setting up your License Admin, refer to the Upgrade License section below

- To install the Network License Server application, download the installer from the downloads page.
- To manage Network Licenses, refer to the Network License Server User Guide, available from the downloads page.



• To configure your network to support a Network License Server refer to the Frequently Asked Questions section of this document.

Using a Network License Key

To use your Network License key to activate a Visual Components product, follow these steps:

- 1. Run your Visual Components application.
- 2. On the Welcome dialog, click Next.

Visual Components Premium 4.9	
VISUAL COMPONENTS	Welcome to Visual Components Premium 4.9 activation guide
	Thank you for installing Visual Components Premium 4.9. Activation is required to authenticate this product. This wizard will guide you through the activation process.
	Cancel < Back Next > Finish

3. On the License type dialog, select My organization is using network floating license server, then click Next.

Visual Components Premium 4.9	
License type Please specify if you are using a standalone, a floating or a subscription license:	
O I have a standalone product key	
 My organization is using network floating license server I have a valid subscription 	
Cancel < Back	Next > Finish

4. On the Floating license server settings dialog, type in your Floating network license server host name or IP address (without http prefix) and keep the Floating network license server port number as 5093 (if not modified in the Network License), then click Next.

Visual Components Premium 4.9	
Floating license server settings Please enter your license server information	
Floating network license server hostname or IP address (without http prefix): Floating network license server port #:	5093
Cancel < Back	Next > Finish

5. Click Finish to complete the Network license setup.

Manual Activation

For instructions on how to manually activate your Network License, refer to page 14 of the Network License Server User Guide available here.

Deactivation

To deactivate a Network License refer to pages 15 and 16 of the Network License Server User Guide available here.

Activation renewal

To renew a Network License refer to page 17 of the Network License Server User Guide available here.

Upgrade License

Software license upgrades require a designated License Admin User. The License Admin is a first point of contact and the only person in your organization entitled to request version upgrades.

- You only need to register a License Admin once.
- Only one License Admin User per company can be registered.
- You must provide a valid email address for the License Admin.
- To register a License Admin User, please submit a request at visualcomponents.com/license-management

When upgrading your software license(s) please note the following:

- A new software license key is required to install and activate Visual Components 4.8. And you can upgrade your current license free of charge if you have a valid maintenance contract.
- A Visual Components product key can only be used for the specified version. For example, a 4.8 Premium product key can be used only for Visual Components Premium 4.8. Therefore, every version needs a separate product key.
- Users with valid maintenance, can upgrade to the latest version for free, for example VC Product¹ 4.0/4.1/4.2 to VC Product 4.8.
- To request an upgrade your License Admin should submit a request at visualcomponents.com/upgrade-license/
- Upgrade requests are validated and upgraded keys will be delivered to the registered License Admin User only.
- Requests will be answered within 2 working days.
- Please note when upgrading to the new version, your old perpetual keys will become inactive after 90 days, and time-limited keys will become inactive after 30 days.
- Before upgrading license keys, the Admin User should check that their Network License Server installation is up to date. To install the latest version of the Network License Server application, visit the Network License Server section of the Visual Components download page.

¹ VC Product refers to Visual Components Essentials/Visual Components Professional/Visual Components Premium application.

Command line deployment

A command line interface can be used to deploy Visual Components product.

Command line deployment

The installer consists of an EXE bootstrapper that launches an MSI installer. The EXE bootstrapper supports some command-line options which can be found by running the installer with the following parameter:

/help

Additionally, the installer supports all msiexec command-line options (all command-line parameters you can use for an MSI package). A command-line received by the EXE bootstrapper will be passed to msiexec when launching the main MSI.

Command-line switches order

When passing proprietary command-line parameters to an EXE setup, you cannot mix them with the standard MSI parameters. The correct order is to first specify the proprietary EXE switches and then the standard MSI switches.

For example, a correct command-line would be:

VisualComponents.exe /exenoui /qn /norestart

Where /exenoui is an EXE parameter and /qn, /norestart are MSI parameters.

Fully silent installation

Two parameters are required for a silent installation where no UI (User Interface) is shown to the user. A third parameter for not restarting the PC after installation is optional. Note that the order of the parameters should be as in the usage example below:

/exenoui - (needs to be passed before MSI parameters).

/qn - no UI is shown.

/norestart - the machine will not be restarted when the installation is complete.

Usage example:

VisualComponents.exe /exenoui /qn /norestart

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Alternative options for showing some UI during installation

/quiet - quiet mode displays the installer UI but does not require user interaction.

/passive - displays only the installation progress bar, does not require user interaction.

When installing it is possible to exclude features as listed in the Features section. To exclude specific features the following parameters can be used comma separated inside a REMOVE=""" command.

vcm - exclude the .vcm File Type Association

vcmx - exclude the .vcmx File Type Association

KUKA.OLP - exclude the KUKA.Sim AddOn

Doosan - exclude the KUKA.Sim AddOn

Usage example:

VisualComponents.exe /quiet ADDLOCAL=ALL REMOVE="vcm,vcmx,KUKA.OLP,Doosan"

Restart Options

/norestart - the machine will not be restarted when the installation is complete.

/promptrestart - the user will be prompted if a restart is required.

/force - restart the machine will be restarted when the installation is complete.

Custom Installation Path

APPDIR=" " - Specify the desired installation path by passing the path string between the quotation marks.

Usage example:

VisualComponents.exe /exenoui /qn APPDIR="C:\Program Files\MyFolder"

Uninstallation

/uninstallinst <Product Instance> - uninstalls an instance of the product.

Usage example:

VisualComponents.exe /uninstallinst "Visual Components Premium 4.9.0" /qn

UNINSTALL_DEACTIVATE_LICENSE=1 - deactivates active license during uninstallation

Usage example:

VisualComponents.exe /uninstallinst"Visual Components Premium 4.9.0" /qn UNINSTALL_DEACTIVATE_LICENSE=1

UNINSTALL_LOCAL_APPLICATION_DATA - uninstalls files and folders found in the following directory C:\Users\UserName\AppData\Local

Usage example:

VisualComponents.exe /uninstallinst "Visual Components Premium 4.9.0" /qn UNINSTALL_LOCAL_APPLICATION_DATA=1

UNINSTALL_PUBLIC_DOCUMENTS - Uninstalls files and folders found in

C:\Users\Public\Documents.

Usage example:

VisualComponents.exe /uninstallinst "Visual Components Premium 4.9.0" /qn UNINSTALL_PUBLIC_DOCUMENTS=1

License settings

To prefill license information (license key or floating license information) the following parameters can be used where PRODUCT_LICENSE_SETTINGS allows setting three values separated by a vertical bar "|" symbol:

```
"{license key}|{floating license server ip or host}|{ floating license server port}"
```

Usage example:

```
VisualComponents.exe /exenoui /qn PRODUCT_LICENSE_SETTINGS="VCP49-XXXX-XXXX-
X"|Network_Server|5093"
```

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Frequently Asked Questions

- Do I need to configure a firewall on my network to access Visual Components Network License Server?
 - a. Network Access: Firewall needs to be configured to allow UDP traffic on the chosen port (default is 5093).
 - b. Internet Access: Access to the Internet (HTTPS) is required on the server for automatic license activation.

Additionally:

- c. Every client needs to be able to access the local network server through the defined access point to use Visual Components products with network licenses.
- d. Distributing network licenses over the Internet is explicitly not supported by the network license server as stated in the End User License Agreement (EULA) for Visual Components products.
- How do I create a Visual Components Customer Account that I can use to register my software license keys?
 - a. You can create a Customer Account using Visual Components software, refer to the Register Product Key section.
 - b. Or you can create a Customer Account online through the Visual Components Customer Portal at license.visualcomponents.net.

Should any user still require assistance, then please contact Visual Components Support via email at support@visualcomponents.com