

### EPLAN License Manager Installation Guide

Version 7.1.7 Status: 02/2017



EPLAN Software & Service GmbH & Co. KG Technical Information

ENGINEERING SOFTWARE

IMPLEMENTATION

FRIEDHELM LOH GROUP



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# Introduction

Dear users,

The team at EPLAN Software & Service GmbH & Co. KG is pleased to welcome you as a new user.

This document describes the installation of the EPLAN License Manager (ELM). This application will allow you to manage EPLAN product licenses on a network. Communication between server and client computers takes place via the "Remote Dongle Service" (RDS) utility, which is set up in the Control Panel program and automatically started during installation of the EPLAN License Manager.

Furthermore, this document describes the installation of the EPLAN License Manager monitor. You can use this tool to display the licensing status of an EPLAN License Manager.

When using the EPLAN License Manager to license EPLAN products, it is *absolutely essential* that you update the licensing on every connected client computer.

These instructions are aimed at administrators who are already familiar with EPLAN and who have an in-depth knowledge of programs and systems.



# Notes for the Reader

Before you begin reading, please note the following symbols and styles used in this document:

#### Warning:

Texts preceded by this image are warnings. You should be absolutely sure to read this warning before proceeding!

### 🏷 Note:

Text preceded by this image contains extra notes.

### 🚺 Tip:

Useful tips to facilitate your interaction with the program are presented after this image.

#### Example:

Examples are highlighted by this symbol.

- User interface elements are marked in **bold** so they can immediately be located in the text.
- *Italic* text provides particularly important information that you should definitely pay attention to.
- Code examples, directory names, and direct input (among other elements) are displayed in a non-proportional font.
- Function keys, keyboard keys, and buttons within the program are shown in square brackets (e.g., **[F1]** for the "F1" function key).



- To improve the flow of the text, we often use "menu paths" in this document (for example, Start > Run). In order to find a particular program function, the menus and options shown in a menu path must be selected in the sequence shown. For example, the menu path mentioned above calls up the EPLAN help system.
- The operating information provides step-by-step instructions for reaching specific targets, and in many places, after the right-arrow symbol ⇒ you'll also find the reaction of the program to your action.
- In combination with settings or fields (e.g., check boxes) which can only be switched on or off, in this document we often use the term "activate" (after which the setting is active ☑) and "deactivate" (after which the setting is inactive □).

## Preconditions

In order to run the EPLAN License Manager the following conditions must be satisfied:

### Software

The following software preconditions must be satisfied:

- An operating system for which the EPLAN License Manager has been released must be installed (see also the following section: "Approved for").
- It is also assumed that the computer systems all have the latest security updates.
- The installation must be performed from a user account with rights equivalent to an Administrator.
- The dongle must be connected to the computer where the EPLAN License Manager is to be installed.



### Note:

Characters that do not occur in the Latin alphabet are not supported by the EPLAN License Manager (for example Chinese, Cyrillic characters, etc.). If you want to use the EPLAN License Manager, you may only use characters in ASCII format for your user and computer names.

Please inform yourself about the hardware prerequisites and the software approvals of the EPLAN Platform before installing EPLAN products. This information is available in the EPLAN performance descriptions of the respective products.

### Approved for

### **Client computer**

- Microsoft Windows 7 SP1 (64 Bit) Professional, Enterprise and Ultimate.
- Microsoft Windows 8 (64 bit) Pro, Enterprise.
- Microsoft Windows 8.1 (64 bit) Pro, Enterprise.
- Microsoft Windows 10 (64 bit) Pro, Enterprise.

### Server

- Microsoft Windows Server 2008 R2 (64 bit)
- Microsoft Windows Server 2012 (64 bit).
- Microsoft Windows Server 2012 R2 (64 bit)
- Microsoft Windows Server 2016.



# Installing the EPLAN License Manager

Before beginning the installation of the EPLAN License Manager, make sure that the dongle provided is connected to the computer.

### 🏷 Note:

If your computer is connected to the Internet, the Dongle driver will be installed automatically from the Windows Update page. Should your computer not be connected to the Internet, you can locate the driver on the DVD in directory ELM\Services (x64)\Drivers. Start the file HASPUserSetup.exe here.

- 1. After inserting the DVD for one of the EPLAN Platform products, switch to directory ELM.
- 2. Open the ELM\License Manager (x64) directory and here doubleclick the setup.exe file.
- 3. Answer **[Yes]** to confirm the subsequent safety prompt.
- 4. In the subsequent dialog click [Install].
- ⇒ The installation wizard for the EPLAN License Manager is opened.



邊	EPLAN License Manager (x64)
<u>eplan</u>	Welcome to the InstallShield Wizard for EPLAN License Manager (x64)
	The InstallShield(R) Wizard will install EPLAN License Manager (x64) on your computer. To continue, click Next.
	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel

- 5. In the subsequent installation wizard dialogs you will confirm the license conditions among other things.
- 6. Click [Install] once more to start the actual installation.
- ⇒ The Select License Manager Configurator dialog opens during the installation.

<b>1</b>	Select License Manager - Configurator	×
<ul><li>Prin</li><li>Star</li></ul>	nary License Manager ndby License Manager	
	OK Cancel	

7. Here select the operating mode of your EPLAN License Manager.



### Warning:

If this is the first EPLAN License Manager in your system environment ensure that the **Primary License Manager** is selected. The **Standby License Manager** option may only be used if your validation code includes the **Failure protection** functionality.

- The dialog Primary License Manager Configurator is opened. This allows you to activate your license data via the validation code supplied.
- 8. First enter the name of your company in the **Company name** box.

ţ.				Primary License Manager - Configurator - XT-ELM-1	_		x	
							Abou	t
[	Validate	Bundles	Properties					
	Compa	iny name:		ess				
	Serial n	umber:		WUPDU10185				
	Host ID			DC-E6-AD-A2-35			]	
	Validat	ion code:					]	
								+
	Dialog lang	guage:		en_US ( English (USA) ) v				
				Update service OK Cancel	Appl	у		

9. Enter your validation code in the **Validation code** field and then click **[OK]**.



### b Note:

At this point, you can also leave the **Validation code** field empty and enter the validation code later. To do this, click **[OK]** and exit the installation wizard.

⇒ The licensing scope is then displayed in the Validated license dialog.

<b>'</b> 9	Validated licenses			x
The licenses have been validated suc	cessfully on your computer.			
License file:	C:\Users\Public\EPLAN\ELM\EIm.Eg	ıf		
Serial number:	WUPDU10185			
License expiration date:	Unlimited			
Company name:	ess			
Dongle serial number:	As license serial number			
Validated:				
Licenses		Tot	Expiration date	~
EPLAN Electric P8 - Profession	al	10	Unlimited	
Language: All		10	Unlimited	
Module: EPLAN Data Portal		10	Unlimited	
Module: EPLAN eCl@ss Import		10	Unlimited	
Module: EPLAN Pages unlimited	d	10	Unlimited	
Release: EPLAN Data Portal 2.	5	10	Unlimited	
Release: EPLAN Data Portal 2.	6	10	Unlimited	
Release: EPLAN eCl@ss Impor	t 2.5	10	Unlimited	
Release: EPLAN eCl@ss Impor	t 2.6	10	Unlimited	_
Release: EPLAN EDZ Format 2	2.5	10	Unlimited	=
Release: EPLAN EDZ Format 2	2.6	10	Unlimited	
Release: EPLAN Electric P8 1.3	8	10	Unlimited	
Release: EPLAN Electric P8 1.3	9	10	Unlimited	
Release: EPLAN Electric P8 1.3	9 Service Pack 1	10	Unlimited	
Release: EPLAN Electric P8 2.	D	10	Unlimited	
Release: EPLAN Electric P8 2.	1	10	Unlimited	
Release: EPLAN Electric P8 2.3	2	10	Unlimited	
Release: EPLAN Electric P8 2.3	3	10	Unlimited	
Release: EPLAN Electric P8 2.4	4	10	Unlimited	$\checkmark$
			Close	2



Click [Close].

10. Finally, click **[Finish]** to end the installation wizard.

The following section "Configuring the DCOM Interface" on Page 17 explains how to configure the DCOM interface for operating the EPLAN License Manager.



# **Adding rental licenses**

The EPLAN rental licenses consist of a basic license and further purchased or leased licenses that can have different validity periods.

This functionality is available for the first time with this Version 7.1.7 of the EPLAN License Manager.

### 🏷 Note:

Previous versions before Version 7.1.7 do not support the rental license.

A basic license can be validated like available licenses in the past. They can be differentiated between limited and unlimited.

For further rental licenses you first have to enter a new validation in the **Validate** tab in the "ELM Configurator" program. This validation is limited in time and expires after a defined period.

### b Note:

The expiry time of the rental license is set to the UTC time. This means that if a license expired on 01/01/2018, UTC time + 1 hour = local time (in Germany (without consideration of the Daylight Savings Time)).

1. To add a validation to the EPLAN License Manager, switch to the **Validate** tab.

#### b Note:

If you have a deviating serial number beginning with "E001", you can use the serial number displayed in the **Validate** dialog.

- 2. Enter the validation code of your basic license or rental license that you received from EPLAN into the **Validation code** field.
- 3. Then click [Apply].



1	Validated licenses			x
The licenses have been validated su	ccessfully on your computer.			
License file:	C:\Users\Public\EPLAN\ELM\EIm	n.Egf		
Serial number:	WUPDU10185			
License expiration date:	Unlimited			
Company name:	ess			
Dongle serial number:	As license serial number			
Validated:				
Licenses		Tot	Expiration date	<u> </u>
Release: EPLAN Electric P8 1.	9	10	Unlimited	
Release: EPLAN Electric P8 1.	9 Service Pack 1	10	Unlimited	
Release: EPLAN Electric P8 2.	0	10	Unlimited	
Release: EPLAN Electric P8 2.	1	10	Unlimited	
Release: EPLAN Electric P8 2.	2	10	Unlimited	
Release: EPLAN Electric P8 2.	3	10	Unlimited	
Release: EPLAN Electric P8 2.	4	10	Unlimited	
Release: EPLAN Electric P8 2.	5	10	Unlimited	
Release: EPLAN Electric P8 2.	6	10	Unlimited	
Release: EPLAN User Rights N	Nanagement 1.8	10	15.04.2017	
Release: EPLAN User Rights N	Management 1.9	10	15.04.2017	
Release: EPLAN User Rights N	Management 1.9 Service Pack 1	10	15.04.2017	
Release: EPLAN User Rights N	Management 2.0	10	15.04.2017	_
Release: EPLAN User Rights N	Management 2.1	10	15.04.2017	=
Release: EPLAN User Rights N	Management 2.2	10	15.04.2017	
Release: EPLAN User Rights N	Management 2.3	10	15.04.2017	
Release: EPLAN User Rights N	Nanagement 2.4	10	15.04.2017	
Release: EPLAN User Rights N	Nanagement 2.5	10	15.04.2017	
Release: EPLAN User Rights N	Nanagement 2.6	10	15.04.2017	$\sim$

- ⇒ The licensing scope is displayed in the Validated license dialog. The "license pool" of available systems and extensions in the Bundles tab is updated.
- ⇒ The basic license, in this example "Unlimited", and the rental license, expiry date 04/15/2017, are displayed.
- ⇒ The EPLAN License Manager Configurator dialog will remain open, and you can select additional settings.



# Updating an existing EPLAN License Manager

Only one EPLAN License Manager can be run on a given computer.

# **Updating the EPLAN License Manager 7.1.7**

In order to change from the EPLAN License Manager Version 7.1.x to the new Version 7.1.7 you only have to install the new version. The older version is then removed automatically.

- 1. To do this, switch to the directory ELM on the DVD of one of the EPLAN Platform products.
- 2. Open the ELM\License Manager (x64) directory and here doubleclick the setup.exe file. Carry out the installation.
- ⇒ Your settings in the "Services" and "DCOM" section are transferred automatically when the setup.exe file is executed.

## Updating the primary and secondary EPLAN License Manager 7.1.7

Your company network has two EPLAN License Manager applications (primary License Manager and standby License Manager). In this case you must always update the primary License Manager first.

- 1. Set the start type of the "Remote Dongle Service" for the primary License Manager to "Deactivated". Then stop the service.
- 2. Start the installation on the primary License Manager. Open the ELM\License Manager (x64) directory and here double-click the setup.exe file. Carry out the installation.



- ⇒ Your settings in the "Services" and "DCOM" section are transferred automatically when the setup.exe file is executed.
- 3. After successful installation set the start type of the service back to "Automatic". Subsequently restart the service.
- ⇒ After a certain updating interval the active standby License Manager now transfers all the tasks back to your primary License Manager.
- 4. Check whether the primary License Manager is active again and the data transfer has been successful.

### Ӯ Note:

You can run the "ELM Configurator" program to check the process. Once the primary License Manager is active again, the entry "Primary, active" will be displayed in the **Status** field of the **License Manager - Monitor** dialog.

- 5. Update the standby License Manager. Set the start type of the "Remote Dongle Service" utility to "Deactivated". Then stop the service.
- 6. Start the setup.exe file and then follow the installation commands.
- 7. After a successful installation reset the start type back to "Automatic" and start the service.
- ⇒ After a certain updating interval the two EPLAN License Manager synchronize automatically.

# **Configuring the DCOM Interface**

Depending on the operating system, extra configuration of the DCOM interface may be necessary so that the clients can access the computer on which the EPLAN License Manager has been installed.

The computer on which the EPLAN License Manager is installed, and also the clients accessing this computer, should all be members of the same Windows domain. **EPLAN License Manager Installation Guide** Version 7.1.7 Status: 02/2017



If this is not the case, then an account with the same name and password must be created on the server for every client user account.

### b Note:

It is assumed that the DCOM configuration reflects default settings made at the time the respective operating system was installed. If different settings were made, e.g., to increase system security, then you should consult your system administrator.

## **Approved Windows Server operating systems**

Access to the DCOM interface can be configured either for all domain users or for a group of users.

Both variants are described in the following sections. It is assumed that a group called "ELM Users" has been created in the domain for the second variant.

The configuration program for the DCOM interface must first be started.

- To do this, select Start > Run, and enter the dcomcnfg command in the Run dialog. You can carry out the entry directly under Windows Server 2012.
- ⇒ The **Component Services** dialog opens.
- In the tree view of this dialog select Component Services > Computers > My Computer.



<ul> <li>File Action View Window Help</li> <li>File Action View Window Help</li> <li>Console Root</li> <li>Console Root</li> <li>Computers</li> <li>Computers</li> <li>COM+ Applications</li> <li>DCOM Config</li> <li>DCOM Config</li> <li>Distributed Transaction Coordi</li> <li>Services (Local)</li> </ul>	- 8 ×
<ul> <li>Console Root</li> <li>Component Services</li> <li>Computers</li> <li>COM+ Applications</li> <li>DCOM Config</li> <li>DCOM Config</li> <li>Distributed Transaction Coordi</li> </ul>	
Console Root  Component Services  Computers  COM+ Application  COM+ Application  COM+ Application  COM+ Application  COM+ Application  COM+ Config  COM+ Config  COM+ Config  COM+ Config  COM+ Config  Services (Local)  Name  COM+ Config  Services (Local)	

- 3. Right-click **My Computer** and select the **Popup menu > Properties**.
- ⇒ The **My Computer Properties** dialog opens.

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My Computer Properties ? ×
General Default Properties COM Security MSDTC
Enable Distributed COM on this computer
Enable COM Internet Services on this computer
Default Distributed COM Communication Properties
The Authentication Level specifies security at the packet level.
Default Authentication Level:
Connect v
Default Impersonation Level:
Security for reference tracking can be provided if authentication is used and that the default impersonation level is not anonymous. Provide additional security for reference tracking Leam more about setting these properties.
OK Cancel Apply

- 4. In the **Default Properties** tab, make sure that the **Enable Distributed COM on this computer** check box is selected.
- 5. Change to the **COM Security** tab.



My Computer Properties	?	x
General Default Properties COM Security MSDTC		
Access Permissions You may edit who is allowed default access to applications. also set limits on applications that determine their own permis	You m sions.	ay
Caution: Modifying access permissions can affect th of applications to start, connect, function and/or run securely.	ne abili n	ity
Edit Limits Edit Defa	ult	
Launch and Activation Permissions You may edit who is allowed by default to launch applications activate objects. You may also set limits on applications that determine their own permissions. Caution: Modifying launch and activation permission affect the ability of applications to start, connect, fur and/or run securely. Edit Limits Edit Defa	s or ns can nction	
Leam more about setting these properties.		
OK Cancel	Ap	ply

- 6. Under Launch and Activation Permissions, click the [Edit Limits] button.
- ⇒ The Launch and Activation Permissions dialog opens.
- 7. You must now decide what security settings you wish to make:

If access is to be allowed for all users, select **Everyone** and then select the **Allow** check box for all permission types.



My Computer Properties ? ×
General Default Properties COM Security MSDTC
Access Permissions You may edit who is allowed default access to applications. You may
Caution: Modifying access permissions can affect the ability of applications to start, connect, function and/or run securely.
Edit Limits Edit Default
Launch and Activation Permissions         You may edit who is allowed by default to launch applications or activate objects. You may also set limits on applications that determine their own permissions.         Image: Caution: Modifying launch and activation permissions can affect the ability of applications to start, connect, function and/or run securely.         Image: Edit Limits         Edit Limits         Edit Limits
Learn more about <u>setting these properties</u> .
OK Cancel Apply

If access is only to be allowed for members of the **ELM Users** group, click the **[Add]** button and select the appropriate group. After this, all four permission types must be activated for this group via the **Allow** check boxes.

- 8. Close the Launch and Activation Permissions and My Computer Properties dialogs by clicking [OK].
- 9. After this, in the tree view of the **Component Services** dialog navigate to the **DCOM Config** folder.





<u>e</u> .			Componer	nt Services					x
🐏 File Action View Window	Help					R		-	s ×
🗢 🔿 🙋 📰 🗙 🗔 🍳 🖡	2 🖬 🏥		11						
Console Root	Authentica UI CredUI	Authentica UI Termina	AuthHost	Background Intelligent	Bitmap Image	CFmlfsEng host	CMLUAUTIL	CMSTPLUA	^
⊿ 🚯 My Computer	-	-	-	-	-	-	-	-	
COM+ Applica COM Config System8	Color Management	COM+ Event System	ComEvents. ComServic	ComEvents. ComSyste	COpenCo	CSISYNCCL EXE	CTapiLuaLib Class	cttunesvr	
Systemic %systemic	-	-		-			-		-
> a %systemrc > a %systemrc > systemrc > systemrc	CustReg Class	DEFRAGSVC service	Desktop Wallpap	Detection	DevicesFlow	DfsShlEx. dll	DsmAdmi	E5Run32DIIs	
SystemR 32-bit Prev	-	-		-	-			-	
<ul> <li>Accessibili</li> <li>AccStore C</li> </ul>	EapThirdP	EClientServ	Elevated-U Explorer Fa	Elm7	EplanCOM EplanAppli	Event Object Change	Event Object Change 2	Execute Unknown	
acppage.d	-			-	-	-	-	-	
AP Client H Application	faultrep. dll	File Prop Sheet Pa	FileSystemI	Found New Hardware	FwCpILUA	GIDS Smart Card Sim	GPMC Reporting	Health Key and Certific	
⊳ 쓸 AppReadir ⊳ 🔗 appwiz.cpl	-	-	-	-	-	-	-	-	
<ul> <li>Authentica</li> <li>Authentica</li> </ul>	HomeGroup CPL Adva	HomeGroup UI Status	HTML Application	HtmlLocal	IASDataSto	IASExtensi	IEWindows	IMAPI2	
▷ 🆀 Authentica ▷ 🆀 AuthHost	-	-	-	-	-	-	-	-	
< III >	Immersive Print Dial	Immersive Shell	Immersive Shell Broker	Immersive TPM Virtu	Internet Explor	LockScreen Applicatio	LockScreen Call Broker	Microsoft Access A	~

- 10. On the right side of the dialog, select the component **ELM7**.
- 11. Right-click this component and select the **Popup menu > Proper-***ties*.
- ⇒ The **ELM7 Properties** dialog opens.
- 12. Select the **Security** tab.
- 13. In the Launch and Activation Permissions group box, select the Customize option and then click the [Edit] button.
- ⇒ The Launch and Activation Permissions dialog opens.
- 14. If access is to be allowed for all users, select **Everyone** and then select the **Allow** check box for all permission types.



Security Group or user names:
Group or user names:
and per and the second s
Everyone
ELMOSER (WOP_MON\ELMOSER)     Set DEMHM-DL-QM-ELM (WUP_MON\DEMHM-DL-QM-ELM)
Administrators (XT-ELM-1\Administrators)
Add Remove
Permissions for Everyone Allow Deny
Local Launch
Remote Launch
Remote Activation
OK Cancel

If access is only to be allowed for members of the **ELM Users** group, click the **[Add]** button and select the appropriate group. After this, all four permission types must be activated for this group via the **Allow** check boxes.

- 15. In the Access Permission group box, select the Customize option and then click the [Edit] button.
- ⇒ The Access Permission dialog opens.
- 16. If access is to be allowed for all users, select **Everyone** and then select the **Allow** check box for all permission types.



Launch and Activation	Permission	? X
Security		
Group or user names:		
🍇 Everyone		^
SYSTEM		=
ELMUSER (WUP_MON\ELI	MUSER)	
Administrators (XT-ELM-1)Ad	_MON (DEMHM-D Iministrators)	
< 111		>
	Add	Remove
Permissions for Everyone	Allow	Deny
Local Launch	✓	
Remote Launch	✓	
Local Activation	<ul><li>✓</li></ul>	
Remote Activation	~	
	OK	Cancel

If access is only to be allowed for members of the **ELM Users** group, click the **[Add]** button and select the appropriate group. After this, the permission types must be activated for this group via **Allow**.

- 17. In the **Configuration Permission** group box, select the **Customize** option and then click the **[Edit]** button.
- ⇒ The Change Configuration Permission dialog opens.
- 18. If access is to be allowed for all users, select **Everyone** and then select the **Allow** check box for all permission types.



Launch and Activation	n Permission	? X
Security		
Group or user names:		
Serveryone		^
SYSTEM		=
BEMUSER (WOP_MON EL	MOSER) P MON\DEMHM-D	L-QM-ELM)
Administrators (XT-ELM-1\A	dministrators)	~
<		>
	Add	Remove
Permissions for Everyone	Allow	Deny
Local Launch	~	
Remote Launch	✓	
Remote Activation		
L	OK	Canad
	UK	Cancel

If access is only to be allowed for members of the **ELM Users** group, click the **[Add]** button and select the appropriate group. After this, the permission types must be activated for this group via **Allow**.

- 19. Close the Launch and Activation Permissions and ELM7 Properties dialogs by clicking [OK].
- ⇒ The EPLAN License Manager can now be accessed from every authorized client.



## Windows 7 and Windows 8.1

Access to the DCOM interface under Windows 8.1 is described as an example.

Access to the DCOM interface can be configured either for all domain users or for a group of users.

Both variants are described in the following sections. For the second variant, it is assumed that a group called "ELM Users" has been created.

The configuration program for the DCOM interface must first be started.

- 1. Move the cursor to the left-hand lower corner of the user interface and click **Start** to open the Start interface of Windows 8.1.
- 2. Here enter the command dcomcnfg and press [Enter] to confirm.
- $\Rightarrow$  The **Component Services** dialog opens.
- 3. In the tree view of this dialog select **Component Services > Computers > My Computer**.
- 4. Right-click **My Computer** and select the **Popup menu > Properties**.



Component Services	_	
💩 File Action View Window Help		_ 8 ×
(← ↔   2 📷   🗑 🙆   🛛 📷   1 1   🛂 🖼 🏛 🏛		
<ul> <li>Console Root</li> <li>Component Services</li> <li>Computers</li> <li>COM+ Applications</li> <li>DCOM Config</li> <li>Distributed Transaction Coordi</li> <li>Event Viewer (Local)</li> <li>Services (Local)</li> </ul>		

⇒ The **My Computer Properties** dialog opens.



My Computer Properties		$\searrow$	?	×
General Default Properties CC	M Security	MSDTC		
Enable Distributed COM on t	his compute	r		
Enable COM Internet Service	es on this co	mputer		
Default Distributed COM Comm	nunication P	roperties		
The Authentication Level spec	cifies securit	y at the packet	level.	
Default Authentication Leve	l:			
Connect		$\sim$		
Default Impersonation Level	:			
Identify	•	~		
Security for reference tracking and that the default impersona Provide additional securi	tion level is	vided if autheni not anonymous ice tracking	tication is us s.	ed
Leam more about <u>setting these</u>	properties.			

- 5. In the **Default Properties** tab, make sure that the **Enable Distributed COM on this computer** check box is selected.
- 6. Change to the **COM Security** tab.

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My Com	puter Properties			?	×
General	Default Properties	COM Security	MSDTC		
🗹 Ena	ble Distributed COM	on this compute	r		
🗌 Ena	ble COM Internet Ser	vices on this co	mputer		
Defa	ult Distributed COM C	ommunication P	roperties		
The	Authentication Level	specifies securit;	y at the packet	level.	
De	fault Authentication L	evel:			
Co	onnect		$\sim$		
who	is calling them, and w the client's identity.	hether the appli	cation can do o	perations	
who using	is calling them, and w the client's identity. fault Impersonation L	whether the appli evel:	cation can do o	perations	
who using De	is calling them, and w the client's identity. fault Impersonation L entify	evel:	cation can do o	perations	
De Id Secu and t	is calling them, and w the client's identity. fault Impersonation L entify urity for reference trac hat the default impers Provide additional se	whether the appli evel: king can be pro- sonation level is curity for referen	vided if authenti not anonymous ice tracking	cation is us	ed

- 7. Under Access Permissions, click the [Edit Limits] button.
- 8. In the Access Permission dialog, enable Remote Access for the "ANONYMOUS LOGON" user. Close the dialog by clicking [OK].



Access Permission	i i i i i i i i i i i i i i i i i i i	?	×
Security Limits			
Group or user names:			
Everyone ALL APPLICATION PACKAG Performance Log Users (DE- Distributed COM Users (DE-E ANONYMOUS LOGON	iES EPLBAT-2\Perfom PLBAT-2\Distribut	nance Log ted COM U	U s
	A <u>d</u> d	<u>R</u> emove	;
LOGON	Allow	Deny	
Local Access	$\checkmark$		
Remote Access			
	ОК	Can	cel

- 9. In the My Computer Properties dialog under Launch and Activation Permissions, click the [Edit Limits] button.
- ⇒ The Launch and Activation Permissions dialog opens.
- 10. You must now decide what security settings you wish to make:

If access is to be allowed for all users, select **Everyone** and then select the **Allow** check box for all permission types.



Launch and Act	ivation Permissio	n	? ×
Security Limits		2	
Group or user i	names:		
Everyone ALL APP Administra Administra Administra Administra Administra Administra Administra Administra Administra	LICATION PACKAG ators (DE-EPLBAT-2 nce Log Users (DE- d COM Users (DE-E	iES 2\Administrators) EPLBAT-2\Perfor :PLBAT-2\Distribu	mance Log U uted COM Us
		Add	Remove
Permissions for	Everyone	Allow	Deny
Local Launo Remote Lau Local Activa Remote Act	h nch tion vation		
		ОК	Cancel

If access is only to be allowed for members of the **ELM Users** group, click the **[Add]** button and select the appropriate group. Subsequently all the permission types must be activated for this group via **Allow**.

- 11. Close the Launch and Activation Permissions and My Computer Properties dialogs by clicking [OK].
- 12. After this, in the tree view of the **Component Services** dialog navigate to the **DCOM Config** folder.



Component Services								- 0	>
File Action View Window	Help							-	5
Þ 🔿  🚾 🗙 🛅 🙆 🛛		<u>••</u> <u>••</u> <u>••</u>	<b>II</b> III						
Console Root Component Services Computers	DictationH Class	Dockinterfa COM server	DsmAdmi	E5Run32DIIs	EapThirdP	EClientServ	editionupg	EditionUpg	
✓ K My Computer COM+ Applicatio	-	-	-	-	-	-		-	
> 🞽 DCOM Config > 🔛 Distributed Transa	EditionUpg	Elevated System S	Elevated-U Explorer Fa	Elm7	EmailClient Class	EnhancedS	EntAppSvc	EntAppSvc	
Event Viewer (Local) Services (Local)					-	-	-	-	
	EntAppSvc	EplanCOM EplanAppli	EpIX01	Event Object Change	Event Object Change 2	Exchange Active Sy	Execute Unknown	F12AppFra Class	
		13		-		-	-	-	
	FamilySafe	faultrep. dll	FaxCommon Class	File Prop Sheet Pa	FileSystemI	FodHelper	Found New Hardware	FsrmPrope	
		-	-	-	-	-	-	-	
	FwCpILUA	GIDS Smart Card Sim	GPMC Reporting	HomeGroup CPL Adva	HomeGroup Listener Se	HomeGroup Printing D	HomeGroup Provider O	HomeGroup Provider S	
	-	-	-	-	-	-	-	-	
	HomeGroup UI Status	Hotspot Auth Module	HTML Application	HtmlLocal	IASDataSto	IASExtensi	Identity Store	IEWindows	
		-	-			-			
>	IFDP	IMAPI2	Immersive	Immersive	Immersive	Immersive	Immersive	IndexedDb	

- 13. On the right side of the dialog, select the component **ELM7**.
- 14. Right-click this component and select the **Popup menu > Properties**.
- $\Rightarrow$  The **ELM7 Properties** dialog opens.
- 15. Select the **Security** tab.

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Elm7 Properties	? ×
General Location Security Endpoints Identity	
Launch and Activation Permissions	
◯ Use Default	
Customize	Edit
Access Permissions	
◯ Use Default	
Customize	Edit
Configuration Permissions	
◯ Use Default	
Customize	Edit
Leam more about <u>setting these properties</u> .	
OK Ca	ncel Apply

- 16. In the Launch and Activation Permissions group box, select the Customize option and then click the [Edit] button.
- ⇒ The Launch and Activation Permissions dialog opens.
- 17. If access is to be allowed for all users, select **Everyone** and then select the **Allow** check box for all permission types.



Launch and Activation Permission	ı	?	$\times$
Security			
Group or user names: SYSTEM Administrators (DE-EPLBAT-2)	Administrators)		
Section 2 Sectio	,		
	Add	Remove	
Permissions for Everyone	Allow	Deny	
Local Launch Remote Launch Local Activation Remote Activation	<u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		

If access is only to be allowed for members of the **ELM Users** group, click the **[Add]** button and select the appropriate group. Subsequently all the permission types must be activated for this group via **Allow**.

- 18. Close the Launch and Activation Permissions and ELM7 Properties dialogs by clicking [OK].
- ⇒ The EPLAN License Manager can now be accessed from every authorized client.



# Installing the EPLAN License Manager Monitor

The EPLAN License Manager Monitor can be installed on a server or a client computer.

- 1. After inserting the DVD for one of the EPLAN Platform products, switch to directory ELM.
- 2. Open the ELM\License Tools (x64) directory and here doubleclick the setup.exe file.
- 3. In the subsequent dialog click [Install].
- ⇒ The installation wizard for the EPLAN License Monitor is opened.
- 4. In the subsequent dialogs follow the instructions of the installation wizard, and click **[Install]** to start the actual installation.
- 5. Finally, click [Finish] to end the installation wizard.

After a successful installation, you will see an "ELM Monitor" shortcut on your desktop. Start the EPLAN License Manager Monitor by doubleclicking this icon.



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