FluidDraw[®]

安装与许可





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1 一般信息

所有 FluidDraw 许可均为网络许可,可以在许可服务器上共享,也可以在个人电脑或笔记本电脑上本地使用。许可以票证形式发放,可直接在 FluidDraw 中激活。可购买以下许可

FluidDraw 365 按年付费	FluidDraw P6 永久许可
按年付费可保证使用最新版本,包括对版本 P7 (及更高	可以无限期使用 FluidDraw P6,包括版本
版本)的升级以及版本 P6 中的更新。许可有效期为 12	P6 中的更新。
个月。如果不取消订购,则每年都会自动续订。	

要了解此信息以及更多信息,请访问 Festo AppWorld:

https://www.festo.com.cn/cn/zh/app/fluiddraw-p6.html

在该网站中,您可以下载 FluidDraw 用户手册和最新的 FluidDraw 安装程序,查看有关 FluidDraw 的所有 详细信息。

如果您已登录,则可以

- 查看价格
- 订购(具有相应授权)
- 随时查看您的订单和票证 ID

激活或停用(重新托管)FluidDraw 许可时所需的票证 ID:

O Search		Welcome Shopuser k DE 1 1	
App World > By	function 🤉 Engineering Tools	My Recent Activities My Apps	~
1	FluidDraw P6 Create electrical and pneumatic circuit diagrams in a quick and easy way with FluidDraw P6. The	My Bulk Licenses My Orders My Carts	
	software makes it easier to document complete machines as well as the creation of simple sketches.	Sign Out	



Festo AppWorld > My Apps:

=				👗 🐂 D	
₽ Search					
App World > My Apps					
Welcome Mike Must	ermann (mi	ke.mustermann@we	b.de)		
Online Shop - Mitarbeiter Zugär	ge S4 (00001234	1561			
My Recent Activities	My Apps	My Bulk Licenses	My Orders	My Carts	
Туре		Period of time			
All		3 months	~		
Product Key		Order Number	0		
1-10 of 12 Apps My Recent Apps					
Date	Product	Ticket			
11/20/19	FluidDraw P6 Ticket ID: LHA3	F THE WASH			
11/22/10	FluidDraw 36 Ticket ID: WRF	5 PQ GSLM	D		~
11/22/19	Quantity: 2 Status: CANC End date: 09.	ELLED .09.2020			

重要提示!

请妥善保管您的票证 ID!知道您的票证 ID 的每个人都可以激活免费许可。

在已激活 FluidDraw 许可的计算机上进行任何更改之前,请先停用 FluidDraw 许可!此类更改包括计算机名称、操作系统、主板、CPU、网络适配器或硬盘更换。

本文档基于 2019 年 11 月 5 日发布的 FluidDraw P6.0j 版本。未来发布的版本可能会有所不同。





2 快速入门 - 本地安装

- 点击以下链接下载 FluidDraw 安装程序:
 https://www.festo.com/net/en_us/SupportPortal/Downloads/510796/
- 2. 运行安装程序
- 3. 启动 FluidDraw 并等待,直到出现可以激活许可的对话框



激活许可需要连接互联网!

4. 输入您的票证 ID (格式: 12345-67890-ABCDE-FGHIJ-KLMNO)。您可以在第一个输入框中使用

复制和粘贴。请按照激活向导中的步骤执行。

•		
Welcome		FESTO
English (US) V	Language / Sprache / Idioma / Langue	
Ticket number		
Enter the ticket number that you have received	- ABCDE - FGHJ - KLMN	<u>)</u>
Enter the ticket number that you have receiv	red nom your icensor.	
To obtain the license information, an internet	connection is required.	
If you cannot access your license server fror files. The default browser is opened for this p	n this PC via the local network, you must manually transfo purpose.	er and import various
Transfer files manually		

您可以在第 21 页的第 8 章以及 FluidDraw 用户手册中找到关于许可激活的详细信息:

https://www.festo.com/net/SupportPortal/Files/561700/FluidDrawENGB.pdf





3 系统要求

- Windows 8/10/11, 32 位/64 位
- Microsoft .Net Framework 4.8
- 2 GB RAM (32 位) /6 GB (64 位)
- 8 GB 可用硬盘空间

4 FluidDraw 安装方案 - 概述

4.1 符号说明

FluidDraw

安装 FluidDraw 应用程序



跳转到网驱动器上 FluidDrawP…exe 的程序链接



许可服务器指定(计算机别名或 IP 地址)。如果 FluidDraw 所在工作空间与许可服 务器所在工作空间不在同一子网中,则必须指定许可服务器。



许可容器。其中包含 FluidDraw 许可。该容器可以是 USB 许可存储棒 (CmDongle), 也可以是某台计算机或某个硬件 (CmActLicense)。



4.2 本地安装并使用本地许可

FluidDraw 应用程序和所需的许可位于本地计算机上,另请参见第 4 页的第 2 章。



4.3 本地安装 FluidDraw 并使用许可服务器

所有工作站都在本地安装 FluidDraw,同时使用许可服务器中的许可。

使用许可服务器时,许可数量必须至少与同时使用 FluidDraw 的用户数量相对应。

如果许可服务器与 FluidDraw 工作站不在同一子网中,则必须在本地安装 FluidDraw 期间指定许可服务器。或者也可以在后续步骤中使用 CodeMeter WebAdmin 指定许可服务器。



4.4 网络安装(服务器-客户端安装)并使用许可服务器

在网络中的多个工作站上使用 FluidDraw 时,首选此方案。

通过使用应用程序服务器,可确保所有用户始终使用同一个 FluidDraw 版本。而且由于更新只能在应用 程序服务器上执行,因此更新 FluidDraw 也较为方便。

使用许可服务器时,许可的数量必须与同时使用 FluidDraw 的用户数量相对应。

派生方案 1: 应用程序和许可在一台服务器上



派生方案 2: 应用程序和许可分别使用单独的服务器





4.5 本地安装 FluidDraw 并使用多个许可服务器

当用户(工作站)非常多时,可以将许可分发到多个许可服务器上,并在工作站上进行本地

FluidDraw 安装,这样可以获得非常高的可用性和可靠性。此时,应用程序本身不再依赖于应用程序 服务器的可用性(FluidDraw 安装在网络驱动器上)。如果一个许可服务器出现故障,至少可以继续 使用另一台许可服务器的许可。在这种情况下,可以同时使用 FluidDraw 的用户数量会暂时减少。

由于此方案更适合"较大型"的网络,因此您可能需要或必须在工作站的服务器搜索列表中输入所有 许可服务器。为此,您可以为安装程序设定一个调用参数(适用于中央软件分发的情况,参见第

43 页) , 或者使用 CodeMeter WebAdmin (参见第 40 页) 。



当然,您也可以在每个工作站上本地激活许可。这样获得的可用性和可靠性应该是最高的。

但请注意,这些是硬件绑定的许可。因此,在进行任何硬件变更或计算机更换之前,必须停用许可, 以便能够在新配置上再次将其激活(转移许可)。而这意味着需要更多的维护和支持工作。



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4.6 混合方案

本概述仅举例说明各种可能性,不建议在实践中采用。

下例中已设置一台许可服务器,该服务器同时也可以作为工作空间使用,它便是工作站 3。工作站 3 与工作站 1 和 2 一样通过网络驱动器(应用程序服务器)上的程序链接启动 FluidDraw。

工作站1从许可服务器(工作站3)获得许可,而工作站2的许可在本地激活。

下方的两个工作站 4 和 5 都在本地安装了 FluidDraw。这两个工作站不需要使用应用程序服务器(即不需要访问安装 FluidDraw 的网络驱动器),但使用工作站 3(许可服务器)上的许可。



注意:在某些情况下,即便已有本地许可,也可能要求提供可访问的网络许可。为了防止这种情况的 发生,可以在相关工作站(此例中为工作站2)拦截防火墙中的端口22350,使得无法查找网络许可。 这样便可以安全地访问本地许可。



4.7 服务器-客户端安装过程

安装许可服务器 (第19页,第7章)

激活许可(第21页,第8章)。

安装 FluidDraw

- 1. 在应用程序服务器上完整安装 FluidDraw P.. (第 12 页, 第 5 章)
- 2. 在工作站网络安装(客户端安装)(第16页,第6章)

4.8 USB 许可存储棒 - CmDongle

您还可以激活 P5 USB 许可存储棒或其它现有 Wibu CmDongle 上的 FluidDraw 许可。这样,许可便可以 独立于计算机配置。

Wibu Systems 提供的 USB 许可存储棒 (CmDongle) 无法使用普通的 USB 存储棒代替。CmDongle 具有一个不可自由访问的非易失性存储区域,专门用于存储许可。

如果许可服务器是虚拟机,则必须将其设置为可供 CmDongle 访问。有以下选项可供选择。

4.8.1 许可服务器在虚拟环境中 - 使用 USB 许可存储棒

必须将 USB 许可存储棒重定向到虚拟机 (VM)。为此,必须在虚拟机中为 USB 许可存储棒分配一个设备 名称。请注意,重定向的 USB 设备一次只能由一个操作系统使用。







4.8.2 <u>许可服务器在虚拟环境中 - 使用 USB 网络集线器</u>如果无法将 USB 许可存储棒重定向到虚拟机 (VM),可以使用 USB 网络集线器。



4.8.3 将 FluidDraw P6 存储在带 RAM 的 CmDongle 上

如果有带 RAM 的 FluidDraw P5 USB 许可存储棒或其它带 RAM 的 CmDongle,也可以将 FluidDraw P6 存储在此许可存储棒上并直接从中运行,而无需进一步安装。

为此,请首先在本地计算机上安装 FluidDraw。然后将完整的程序文件夹"FluidDrawP.."复制到许可存储棒上。该文件夹的默认存储路径为"C:\Program Files (x86)\Festo"。接下来,在子目录"\bin"中创建 FluidDrawP...exe 的程序快捷方式,并将其复制到 USB 许可存储棒的根目录中。请注意,只有在将相应的驱动器号分配给 CmDongle 的情况下,此程序快捷方式才有效。否则,请启动"[drive letter of CmDongle]:FluiDrawP..\bin\FluidDrawP...exe"。

提示:如果未在本地计算机上安装 FluidDraw,也可以在安装程序中直接选择 USB 许可存储棒的根目录 作为安装路径。否则,安装程序会只提供"Install FluidDraw P.. Update"选项,而不允许直接在许可存 储棒上安装。

最后,您需要在许可存储棒上激活 FluidDraw P.. 许可。在使用 FluidDraw 线上许可激活向导激活许可的 过程中,选择本地计算机,然后选择 USB 许可存储棒的序列号。如果通过 Festo License Central WebDepot 激活许可,请相应选择 CmDongle,请参见第 21 页上的第 8 章。

现在,您可以将 USB 许可存储棒插入任何计算机,然后运行程序快捷方式,直接从该计算机启动 FluidDraw P..。









5 安装 FluidDraw

通过以下任一途径下载 FluidDraw 安装程序:

https://www.festo.com/net/de_de/SupportPortal/Downloads/510796/ https://www.artsystems.de/www/site/en/downloads/fluiddraw-p6.html

然后运行该安装程序。只有在计算机上没有安装 FluidDraw 的情况下才会显示如下对话框。

要在后续步骤中更改许可服务器或安装路径,必须先卸载 FluidDraw,然后重新运行安装程序。

Velcome	FEST
English	Language / Sprache / Idioma / Langue
Install FluidDraw P6	Installs the FluidDraw P6 program.
Install License Server	Install a license server in order to enable other P to access the attached license connectors.
Activate License	Activates licenses of a ticket number via the Internet.

安装 FluidDraw P..

End-User License Agreement	FEST
Please read the following license agreement carefully.	
Festo AG & Co. KG Software End User Contract	
NOTICE TO USER	
THIS IS A CONTRACT. BY INDICATING YOUR ACCEPTANCE BELOW, YOU AND CONDITIONS OF THIS AGREEMENT.	ACCEPT ALL THE TERMS
☑ I accept the terms in the License Agreement.	

接受许可协议的条款。

Next





第一步将是安装 Wibu Systems 提供的 Windows 版 许可管理软件 CodeMeter Runtime。 如果计算机上已经有最新的 CodeMeter Runtime,则无需执行此步骤。

FluidDraw P6 Setup (V 6.0j)	
Install CodeMeter drivers	FESTO
CodeMeter drivers are required to manage the licenses.	
Click on 'Next' to install the required drivers.	
Previous	Next Cancel

Next

选择 Full Installation (local or network)(默认设置)。

如果是网络安装,则必须是客户端具有读取权限的位置。请在"Network (Client Installation)"之前执行此步骤。

Next

如果您使用的是本地许可,或者许可服务器在同 一子网中,请保留上方选项。

如果许可服务器位于与装有 FluidDraw P6 的计 算机不同的子网中,请输入 IP address or server name。

🗑 FluidDraw P6 Setup (V 6.0j)	×
Select Installation Type	FESTO
Please select if you want to install the application or just	create a shortcut to an existing installation.
 Full installation (local or network) All program files will be installed on a local of 	lisk or a network drive with write permission.
 Network (Client Installation) The software is already installed on a network 	ork drive, only a shortcut is created.
Previous	Next Cancel

FluidDraw P6 Setup (V 6.0j)	×
Specify license server (optional)	FESTO
f the license server is located in a different subnet as the PC executing Fit specify the IP address of the license server or its machine name (if a name	idDraw P6, you have to server is active).
A local license is used or the license server is located in the sa	ime subnet.
The license server is located in a different subnet.	
The license server is located in a different subnet. IP address or server name [fdlicserver.de.festo.n	et
The license server is located in a different subnet. IP address or server name Ifdlicserver.de.festo.n	et

Next



注:可以在后续步骤中使用 CodeMeter WebAdmin 输入或更改许可服务器,请参见第 37 页上的第 10.2 章。 选择用户组。

🔊 FluidDraw P6 Setup (V 6.0j)	×
Select User Group	FESTO
Please select the group for which FluidDraw P6 is to be installed.	
 For all users Administrative privileges are required in order to install the software. 	
O For user currently logged in only	
Previous Next	Cancel

Next

点击 Browse...选择安装文件夹。在网络驱动器 上安装(服务器安装)时,该目录必须是所有 用户(客户端)都具有读取权限的目录。如果 是单用户安装,则可以保留默认路径而不进行 任何更改。

FluidDraw P6 Setup (V 6.0j)		×
Select Destination Fold	ler	FESTO
he installation program copies Fl	uidDraw P6 in the following folder.	
C:\Program Files (x86)\Festo\Fi	uidDrawP6	Browse
	Previous Next	Cancel

Ν	ext	

🕉 FluidDraw P6 Setup (V 6.0j)	×
Ready to install FluidDraw P6	FESTO
Click "Install" to begin the installation. Click "Previous" to review or chan settings. Click "Cancel" to exit the wizard.	nge any of your installation
Previous	all Cancel

安装



如果不希望在安装后立即启动

FluidDraw P.. now"选项。

FluidDraw, 请取消勾选"Launch



💮 FluidDraw P6 Setup (V 6.0j)	>
Completed the FluidDraw P6 Setup	FESTO
Click the "Exit' button to exit the Setup Wizard.	
Launch FluidDraw P6 now	
	Exit

Exit

启动程序后,如果 FluidDraw 没有找到有效的许可,则将出现一个对话框,您可以从中激活许可,请参见第 21 页上的第 8 章。



FESTO

6 客户端安装

确保 FluidDraw 已完整安装在所有客户端都可以访问的网络驱动器(应用程序服务器)上。在工作站 (客户端)上,将只创建一个可跳转到此 FluidDraw 安装的程序链接。

运行 EluidDraw 安装程序	👸 FluidDraw P6 Setup (V 6.0j)	X
	Welcome	FESTO
	English ~	Language / Sprache / Idioma / Langue
安装 FluidDraw P	Install FluidDraw P6	Installs the FluidDraw P6 program.
	Install License Server	Install a license server in order to enable other PCs to access the attached license connectors.
	Activate License	Activates licenses of a ticket number via the Internet.
		Cancel
	🗑 FluidDraw P6 Setup (V 6.0j)	×
	End-User License Agreement	FESTO
	Please read the following license agreement car	efully.
	Festo AG & Co. KG Software End User Contract 	^
	THIS IS A CONTRACT. BY INDICATING YOUR ACCEPTANCE AND CONDITIONS OF THIS AGREEM	BELOW, YOU ACCEPT ALL THE TERMS
接受许可协议的条款。	I accept the terms in the License Agreeme	ent.
Next	Previou	us Next Cancel
	😚 FluidDraw P6 Setup (V 6.0j)	X
第一步将是安装 Wibu Systems 提供的	Install CodeMeter drivers	FESTO
Windows 版许可管理软件 CodeMeter	CodeMeter drivers are required to manage the I	licenses.
Runtime。	Click on 'Next' to install the required drivers.	
如果计算机上已经有最新的 CodeMeter		
Runtime,则无需执行此步骤。		
Next	Previo	ous Next Cancel





仅当计算机上没有本地安装 FluidDraw 时,安 装程序才会提供客户端安装。否则,安装程序 会在第一步中提供卸载本地 FluidDraw 安装的 选项。

Network (Client Installation)

FluidDraw P6 Setup (V 6.0)
Select Installation Type
Please select if you want to install the application or just create a shortcut to an existing installation.
Please select if you want to install the application or just create a shortcut to an existing installation.
I full installation (local or network)
All program files will be installed on a local disk or a network drive with write permission.
I Network (Client Installation)
The software is already installed on a network drive, only a shortcut is created.
Previous
Next
Cancel

Next

FluidDraw Po Setup (V 6.0))		×
Select program folder.		FEST	0
Please locate to the existing netw	vork installation folder.		
7/ Applications/Easte/ShidDra	PC	Browse	_
Z:\Applications\Festo\FluidDra	wP6	Browse	

选择您之前用于完整安装 FluidDraw 的网络驱动器。

Browse...

Next

如果客户端和许可服务器连接到同一子网中, 请保留上方选项。

如果许可服务器与客户端计算机位于不同的子 网中,请输入 IP address or server name。

👸 FluidDraw P6 Setup (V 6.0j)	×
Specify license server (optional)	FESTO
If the license server is located in a different subnet specify the IP address of the license server or its m	as the PC executing FluidDraw P6, you have to achine name (if a name server is active).
A local license is used or the license set	erver is located in the same subnet.
The license server is located in a differ	rent subnet.
IP address or server name	fdlicserver.de.festo.net
Previous	Next Cancel

Next



选择用户组。



Select User Group Please select the group for which FluidDraw P6 is to be installed.	FEST
Please select the group for which FluidDraw P6 is to be installed.	
 For all users Administrative privileges are required in order to install the 	software.
O For user currently logged in only	

Next

将创建可跳转到网络驱动器上安装的 FluidDraw 的程序链接。

如果不希望在安装后立即启动 FluidDraw,请禁用"Launch FluidDraw P.. now"选项。

访 FluidDraw P6 Setup (V 6.0j)	×
Completed the FluidDraw P6 Setup	FESTO
Click the 'Exit' button to exit the Setup Wizard.	
Launch FluidDraw P6 now	
	Exit

Exit

作为客户端安装的替代方案,您还可以在每个客户端上手动创建一个可跳转到网络上的 FluidDrawP...exe 的程序链接:

[网络路径]\FluidDrawP..\bin\FluidDrawP...exe

在这种情况下,您必须在客户端上手动安装 Wibu Systems 提供的 Windows 版 CodeMeter Runtime, 并可以通过 CodeMeter WebAdmin 输入许可服务器名称。



ESTU

安装许可服务器 7

安装许可服务器需要两步:

- 1. 安装 CodeMeter Runtime (若尚未安装)。
- 2. 将需要激活 CodeMeter WebAdmin 中的"Network Server"选项。该选项可在稍后通过

"Configuration" > "Server" > "Server Access"选项卡手动激活。

作为许可服务器的计算机与普通计算机的不同之处仅在于:

- 已安装 CodeMeter Runtime。 •
- 已在 CodeMeter WebAdmin 中启用"Network-Server"选项。 ٠
- 已激活许可或已插入存储有 FluidDraw P.. 许可的 CmDongle。 •

运行 FluidDraw 安装程序。许可服务器上不需要 安装 FluidDraw 程序。 nstall License Server nstall License Server Pathon Activate License Server In order to enable other PCs to access the attached license ornectors. Activate License Install License of a ticket number via the Install License Install License Of a ticket number via the Install License Install License Install License of a ticket number via the Install License Install Li		👸 FluidDraw P6 Setup (V 6.0j)	×
运行 FluidDraw 安装程序。许可服务器上不需要 安装 FluidDraw 程序。 nstall License Server Activate Server Activate License of a ticket number via the Internet. Cancel		Welcome	FESTO
安装 FluidDraw 程序。 Install License Server Install License Server Activate License Install License of a ticket number via the Internet. FluidDraw P6 Setup (V 6.0) FluidDraw P6 Setup (V 6.0)	运行 FluidDraw 安装程序。许可服务器上不需要	English ~	Language / Sprache / Idioma / Langue
Install License Server Install a license server in order to enable other PCs to access the attached license connectors. Activate License Activates licenses of a ticket number via the Internet. Cancel FluidDraw P6 Setup (V 6.0)	安装 FluidDraw 程序。	Install FluidDraw P6	Installs the FluidDraw P6 program.
Activate License Activates licenses of a ticket number via the Internet. Cancel FluidDraw P6 Setup (V 6.0))		Install License Server	Install a license server in order to enable other PCs to access the attached license connectors.
Cancel	nstall License Server	Activate License	Activates licenses of a ticket number via the Internet.
FluidDraw P6 Setup (V 6.0j)		2 Dan	Cancel
		🗑 FluidDraw P6 Setup (V 6.0j)	×

第一步将是安装 Wibu Systems 提供的 Windows 版许可管理软件 CodeMeter Runtime。

如果计算机上已经有最新的 CodeMeter Runtime

,则无需执行此步骤。

🕉 FluidDraw P6 Setup (V 6.0j)	×
Install CodeMeter drivers	FESTO
CodeMeter drivers are required to manage the licenses.	
Click on "Next' to install the required drivers.	
Previous	xt Cancel

Next





	📅 FluidDraw P6 Setup (V 6.0j)	×
	Install License Server	FESTO
	Install a license server in order to enable other PCs to access the	attached license connectors.
	Click 'Next' to continue eetup.	
Next	Previous	Next Cancel
	👸 FluidDraw P6 Setup (V 6.0j)	×
	Install License Server	FESTO
	Installation successfully completed.	
安装许可服务器后,可以选择 <mark>Activate</mark> License	Activate License Activates licenses of a ticket number via the internet.	
Fxit		Ext

Exit

选择"Activate License"选项后,将运行 FluidDraw Online-License Activation Wizard,请参见第 22 页 上的第 8.1章。



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× 🗖

8 激活许可

要激活以及停用/重新托管 FluidDraw 许可,需要提供您的票证 ID,请参见第 2 页上的第 1 章。可通过 以下方式激活和管理许可:

FluidDraw P6

Vers

 安装完成后启动 FluidDraw P6,等待直到出现 可用于激活许可的对话框,成功搜索到许可 后将许可激活。

2. 运行 FluidDraw 安装程序,然后选择选项

"Activate License"

WebAdmin	Activate Licence
P Festo AG & Co. KG 1997-2019 Depart	ment Software Service
Art Systems Software GmbH 1995-201 FluidDraw P6 Setup (V 6.0j)	9 / V www.fluiddraw.com
elcome	FESTO
Ēnglish	Language / Sprache / Idioma / Langue
Install FluidDraw P6 Update	Installs the FluidDraw P6 Update program.
Install License Server	Install a license server in order to enable other PCs to access the attached license connectors.
Activate License	Activates licenses of a ticket number via the Internet.

Please plug in the USB key suitable USB key

3. 直接从以下 FluidDraw 程序目录中的子文件夹"\bin"中运行 FluidDraw Online-License Activation Wizard:

C:\Program Files (x86)\Festo\FluidDrawP..\bin\CodemeterActivationWizard.exe

如果计算机或网络上已经存在已激活的许可,并且可以使用该许可启动 FluidDraw,则还可以通过 FluidDraw 菜单 "Manage" > "Manage Licenses"打开激活向导。

FluidD	raw P	rofessiona	6							
8) Fio (¢ Home	D + Intert	Select	• Edt	View	u Paga	Project	Lbrary	Manage	Нар
四		Custom Pro	duct Datab	iases	00	0	0	g		
Manage toreplatee	0	Translation	Tables		Options	Restore Defaults	Licence Information	Manage Licences		
		Sources			Opt	tons	Licens	es		

5. 通过 Festo License Central WebDepot 激活许

可: <u>http://lc.codemeter.com/83810-prod/depot/</u>请参见第 25 页上的第 8.2 章。

第1至4项用于打开激活向导,请参见第22页上的第8.1章。激活许可需要连接互联网。



注:用于激活许可的计算机(许可服务器)只需满足一个条件即可:可以通过网络从用于启动激活向 导且具有互联网访问权限的计算机访问。

请注意,要通过 Festo License Central WebDepot 激活许可,需要许可服务器上具有一个许可容器 (CmContainer)。这意味着,此计算机上必须已经激活 FluidDraw 许可,或者必须已事先导入一个空的许可容器。而 FluidDraw 线上许可激活向导会自动创建一个许可容器。

如果没有互联网连接,则可以通过文件传输来激活或停用(重新托管)许可,请参见第 27 页上的第 8.3 章。

停用 (重新托管) 许可的过程与激活许可的过程相对应。

8.1 FluidDraw 在线激活向导

您可以通过 Windows 剪贴板将您的票证 ID 复制到 激活向导的第一个输入框中。票证 ID 会自动拆分 到 5 个框中。

或者, 您也可以手动在对应输入框中输入票证 ID。

Online Licence Activation Wizar		?	×
Welcome		FES	то
English (GB)	Language / Sprache / Idioma	a / Langue	
Ticket number	хс - хандо - 985	STV - GLRYH	
Enter the ticket number that you have	received from your licencor.		
If you cannot access your licence ser files. The default browser is opened for	er from this PC via the local network, yo this purpose.	ou must manually transfer and import variou	S
Transfer files manually			

Next

注:如果没有连接互联网,则选择"Transfer files manually"。此按钮将打开 Festo License Central WebDepot。之后可以按照第 27 页上的第 8.3 章 中的说明继续操作。

Activate

	ctivation Wizard			
Select license			FEST	
u can deactivate avail u can deactivate ao u can continue inter	able Scenes tive Icenses found in your network rupted activations.			
Name	Number of licenses	OnContainer	Found aerver	Action
uidDaay 355	3			Activate
_				

Next





可根据需要减少要激活的许可数量。

Online Licence Activation Wizard
Specify number of licenses
You can import all licenses into a single container or distribute them across multiple containers.
Every activation step must be individually executed for each container.

Name
FluidDraw 365

Available number of licenses
3

Number of licenses to be activated
It

It
It

Next

选择本地计算机或许可服务器。

注: 仅当可以在网络中访问许可服务器时,才会 列出许可服务器。因此,必须已安装许可服务器 ,请参见第 19页上的第7章。

Online Licence Activation Wizar	d	×
Select location of license		FESTO
Specify whether the license is to be imp	orted locally or on a network machine.	
The CodeMeter Runtime must be install	led on the target machine and running in server mode.	
✓ VM000184 (Local mach fdlicserver.de.fes	to.net (10.1.2.23)	
-		
		5.
	Previous	Exit

Next

如果在选定的计算机上连接了 FluidDraw USB 许可存储棒 (CmDongle),则也可以在该存储棒上激活许可。

Online License Activation Wizard	×
Select license type	FESTO
If you have a CodeMeter dongle, you can import the license into this dongle.	
Otherwise choose the software-based licensing type 'CodeMeter Act'.	
Activate licenses into CodeMeter Act container (software license) Activate licenses into CodeMeter dongle 1-1431246 / CDE3006837 (local machine)	
Previous	Exit

Next





	📆 Online Licence Activation Wizard		×
	Executing activation		FESTO
	The current activation step turns yellow, sur	ccessfully completed steps turn green and failed steps red.	
	You can then retrieve information about an	lother ticket.	
	Name	FluidDraw 365	
	Number of licenses to be activated	1	
检查你的选择	Server	CDE3006837 (Local machine)	
Activate			
Activate	<u>.</u>		
		Previous Activate	Exit
	Online Licence Activation Wizard		×
	Executing activation		FECTO
			FESTU
	The current activation step turns yellow, su	uccessfully completed steps turn green and failed steps red.	
	Tou can then retrieve information about a	nouner acket.	
	Name	FluidDraw 365	
	Number of licenses to be activated	1	
	Server	CDE3006837 (Local machine)	
	Codemeter container	130-1622954756	
	Progress		
现在您可以洗择			
		Reading container content	
Exit 或		Importing license into container	
Deals to license accordious			
Back to license overview			1
	Back	to license overview	Exit
	Online Licence Activation Wizard	1	×
	Select license		FESTO
	You can activate available licenses.		
	You can deactivate active licenses found You can continue interrupted activations.	d in your network.	
	Name Number of licenses	CmContainer Found server	Action
票证中包含的三个 FluidDraw 365 许可之一已在	FluidDraw 365 2		Activate
	FluidDraw 365 1	130-1622954756 CDE3006837 (Local machine)	Deactivate/Re-host
本地计算机上激沽。			
Fyit		Previous	Fxit
LAIL			

重要提示

在更改计算机硬件,或者将许可迁移至另一台计算机之前,请先停用您的许可!



最简单的做法是通过 FluidDraw 菜单 "Manage" > "Manage Licenses" 启动激活向导,输入票证 ID, 选择 "Deactivate/Re-host"选项,然后跟随向导步骤继续操作。

8.2 通过 Festo License Central WebDepot 激活许可

作为 Festo 线上许可激活向导的替代方案,您还可以通过 Festo License Central WebDepot 激活或管理许可。在网络浏览器中转到以下网址: <u>http://lc.codemeter.com/83810-prod/depot/</u>

	Home Auto Update			FESTO
输入您的票证 ID-	Welcome to Festo Lice	nse Central WebDepot		
	Welcome to Pealo License 0 anter your licket and click '%	Genthal WebDiapol. You can transfer y lext?	vour licenses to your CroCorrisine	r using the WebDepol. Please
	Ticket TCJJB-9GAQB-XXCM7-SRND	rvivsi K		
	Not .			\
Next	e festo AGA Cako			English
	Lugal Notes (FESTO Lismus	Central WebDepet v19.07.210.500.ve	•	
	Home MyLicenses Auto	Update		FESTO
	My Licenses			
	Name	Activated On	CmContainer	Status
	FluidDraw 365 (Lavinue Quently) 11	120		Available
	FluidDraw 305 Externe Querity: 11	348		Available
	RuidDraw 365 (Lower Guardy: 1)	143		Available
	Activite Licenses)
	© FESTO AG & Co KG Legal Notice FESTO License	Central WebDepol v19.07.210 500 er	s	English
Activate Licenses				
	Home My Licenses Auto L	Ipdate		FESTO
	Available Licenses - Sel	ect the binding for Your Lic	enses	
	You can bind your licenses e	ther to a computer (CmActLicence)	or to a dongle (CmDongle)	
	When binding to a comput this computer When binding to a CmDor computers	er, the licenses are transferred to tha gie, the licenses are fully transferred	tt machine. The licenses are ass Linte this dongle. This allows you	ociated with some properties of to use these licenses on different
选择正确的选项以激活计算机绑定的许可				
(CmActlicense)		6	y	
) want my fearming in a d	angle Laund my loca	nees in a dongle	ant ny kamun so ora congutar
	iumuongist to Sciable to a on diferent computer Film Code: 101442	n sin sin sin sin sin sin sin sin sin si	a annya dan 19 dae blam 1 annya dan 19 1 6000422	(vini-coluctoria) m Code: 8000422 (CmContainer Festo AG Smartland VM (2002)
			191	

English

B FESTO AG & Co KG Legal Notice | FESTO Lice

se Central WebCepct v10.07 210 500 ws



如果有 FluidDraw P5 USB 许可存储棒,而且想在该存储棒上激活许可,请首先检查许可存储棒的序列号。如果该序列号以"1-"或"2-"开头,则选择左侧选项;如果以"3-"开头,则选择中间选项。如果

本地计算机上没有 FluidDraw 许可,而您希望 在本地计算机上激活它们,则保留选择"Get CmContainer automatically"。

否则,请从可用 CmContainer 列表中选择(例如,许可服务器上的 CmContainer)。

Activate Selected Licenses Now

如果之前从未在没有互联网访问权限的许可服 务器上激活 FluidDraw 许可,则必须首先在服 务器上创建一个空的 CmContainer,请参见第 27 页上的第 8.3 章。

Hame My Licenses Auto i	Upstate		FESTO
Available Licenses			
To activate your licenses: 1. Select the licenses you to 2. Select the locally contect 3. Click "Arrivate Selected L	ant to activate ed CanContainer to which you want to t idenses Now".	ransfer the licenses.	
R Name	Activated On	Cm/Container	Status
FluidDraw 365 (Lonese Gearsty: 5)	lit.		Available
 FluidDraw 365 (Lowise Goards): () 	11		Availaitin
PlaidDraw 365 Alseein Guardy: 1)	14		Available
alect CarContainer Set CarContainer a donatically Activate Selected Licenses	Now I		File-based loanes tansfer
) Select landing 9 My Ucanaes			
P FESTO AG & Co.KG			Erglish

如果选择列表中不包括所需的 CmContainer(您的许可服务器或现有 FluidDraw USB 许可存储棒上的

CmContainer),请在所需 CmContainer 所在的 计算机上,或者在已插入 FluidDraw USB 许可 存储棒的计算机上,打开 Festo License Central WebDepot。如果此计算机无法访问互 联网,则必须执行基于文件的许可传输,请参 见第

27 页上的第 8.3 章。

Online License Transfer	
Starting license transfer.	
Downloading license template.	
Registering license template.	
Creating license request.	
Downloading license update.	
Importing license update to CmContainer.	
Creating receipt.	
Uploading receipt.	
License transfer completed successfully!	
ок	

ОК

注:如果通过 Festo License Central WebDepot 激活许可时出现任何问题,请尝试使用其他网络浏览器 (例如 Internet Explorer、Mozilla Firefox、Google Chrome)。如果更换浏览器并不能解决问题,请使 用 Festo Online Licenses Activation Wizard。如果两种方式都没能解决问题,请稍后再试。如果最后问 题仍没有得到解决,可以联系 Festo 支持部门,请参见第 45 页。

重要提示





要更改计算机的硬件配置,或者要将许可转移到新的计算机上,请<u>先</u>停用您的许可!输入您的票证 ID 后,选择选项

Re-Host Licenses

然后按照后续说明进行操作。

Cardo I Cardo Cardo Com	1,07104		
fy Licenses			
None	Activated On	CmContainer	Status
PlantDrev 305 Alonia Gawilly (†	2013-12-03 13 18:13	• 135-13533117767	Artivated
FluidDraw 365 (Linence Goards): ()	12).		Available
FluidDraw 365 Edonic Quantity: 17	23		Available
Activate Licenses	Re-Hast Licenses Restor	Licenses	
FESTO AG & Ce KG			English

8.3 基于文件激活许可(如果无法访问互联网)

在可以访问互联网的计算机上打开 Festo License Central WebDepot(左图)。在要激活许可的计算机 上启动 CodeMeter Control Center(右图)。在中间,您会看到必须通过两台计算机的共享网络驱动器 或者通过 USB 存储棒进行的必要的文件传输。



Festo License Central WebDepot

CodeMeter Control Center

仅在先前从未在目标计算机上激活许可的情况下,才需要执行步骤1(创建一个空的许可容器)。在可







Home My Licenses Auto Update			FESTO
vailable Licenses			
Lipstad Tempored	Dentka	Update	Upload Receipt
Total have actualed knesses have been	kitel already you can barrel	nganan . Ar additional licenses into th	e same ConContainents). If you want
to use another OnContainer, you need	a Kanse request the of this i	www.Costainer	
 Select an already used CricContainer want to transfer the illustrises to. This 	r or orsate a license inquest Re can for example se croat	le with Firm Code 4000422 ed with CodeNeter Control G	for the CricContainer where you Center From it works
 Select the licenses you want to active Select the created license request the 	afe.		
4. Clek "Centrue".			
2 Nate	Activated On	ConContainer	Status
R PanDraw 395 (Linear Linearly: 1)			Availate
C FaitDraw 365	24		Available
C Paldhas 385			Available
Linne Sarth 1			
Relect an alterady used ConContainer			
fick a license request file (*.WibuCroiRa	C) of another CitrContainer	(
			Darthauthen
Start Activities Now			Direct Rootee Install
Select binding			
My comses			
FESTO AG & Calko	Caust +16.87 110 Diff.ord		English
Home My Licenses Auto Update			FEST
Available Licenses			
Upload Request	Downloa	d Update	Upload Receipt
Upload Request To activate your licenses via file trai	Downloa nsfer - First step "Upload F	id Update tequest":	Upload Receipt
Upload Request	Downlos	id Update tequest": sfer additional licenses into i	Upload Receipt the same CmContainer(s). If you want
Upload Request To activate your licenses via file trai If you have activated licenses from this to use another CmContainer, you need 1. Select an already used CmContaine	Downloa nsfer - First step "Upload F sticket already, you can tran a a license request file of this er or create a license request	id Update lequest": sfer additional licenses into new CmContainer. file with Firm Code 600043	Upload Receipt the same CmContainer(s). If you want 22 for the CmContainer where you
Upload Request To activate your licenses via file tran If you have activated licenses from this to use another CmContainer, you need 1. Select an already used CmContaine want to transfer the licenses to. This a. Start CodeNeter Control Center	Downio: nsfer - First step "Upload P ticket already, you can tran a license request file of this or or create a license request is file can for example be crea on the computer where the c	id Update tequest": sfer additional licenses into new CmContainer. file with Firm Code 60004; ted with CodeMeter Contro esired CmContainer is.	Upload Receipt the same CmContainer(s). If you want 22 for the CmContainer where you I Center. How it works
Upload Request To activate your licenses via file tran If you have activated licenses from this to use another CmContainer, you need 1. Select an already used CmContaine want to transfer the licenses to. This a. Start CodeMeter Control Center b. Select this CmContainer. If no Cr template nov. Import this templat	Downio: nsfer - First step "Upload F ticket already, you can tran a license request file of this or or create a license request file can for example be cre- n of the computer where the d mContainer is present on the device downio	d Update tequest": sfer additional licenses into new CmContainer. file with Firm Code 60004/ ted with CodeMeter Contro esterd CmContainer is. 1 computer, you can downlo d file to CodeMeter Contro	Upload Receipt
Upload Request To activate your licenses via file tran If you have activated licenses from this to use another CmContainer, you need 1. Select an already used CmContaine want to transfer the licenses to. This a. Start CodMeter Control Center b. Select this CmContainer. If no Cr template nov. Import this templat c. Click "License Update". d. Follow the instructions of the "Cn	Downio: msfer - First step "Upload F ticket already, you can tran a la license request file can for example be cres on the computer where the c infornationer is present on tha lice half or example to cress container is present on that he by dragging the download mFAS Assistant". Choose the	d Update tequest": fer additional licenses into new CmContainer. "file with Firm Code 60004 ted with CodeMeter Contro estred GruContainer is. t computer, you can downlo d file to CodeHeefer Contro option "Create license requ	Upload Receipt the same CmContainer(s). If you wan 22 for the CmContainer where you I Center. How it works a ad a template here Download I Center.
Upload Request To activate your licenses via file tran If you have activated licenses from this to use another CmContainer, you need Select an already used CmContaine want to transfer the licenses to. This a Staft CodeMeter Control Center Is. Select this CmContainer: If no Cr template nov. Import this templat c. Click "License Update". d. Follow the instructions of the "Cn e. Choose a filename for the license f. Click "Commit" to aswet the license	Downio: nsfer - First step "Upload F ticket already, you can tran a license request file can for example be cres on the computer where the d is file can for example be tres on the computer where the d container is present on that te by dragging the download uFAS Assistant". Choose the request file.	d Update tequest": afer additional licenses into new CmContainer. affer with Firm Code 60004 ted with CodeMeter Contro seired CmContainer is. toompter, you can downlo ed file to CodeMeter Contro option "Create license requ	Upload Receipt
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无法访问互联网的计算机上

打开 CodeMeter Control Center。

只有在之前已安装许可服务器(第 19 页上的第 7

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手动安装 Wibu Systems 提供的 CodeMeter Runtime

的情况下, CodeMeter Control Center 才可用。



使用计算机鼠标将 WibuCmLIF 文件拖拽到

CodeMeter Control Center.

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License Update





将打开 CmFAS Assistant。	? X
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注: 您也可以启动 CmFAS Assistant ("License update"按钮) 并选择选项"Import license update"。 OK

最后,您必须创建一个回执文件并将其上传到 Festo WebDepot。这一步很重要,如不执行, 以后停用或重新托管许可将会失败!再次打开 CmFAS Assistant。

License Update

Create receipt

Next

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Commit

如果可行,请将 WibuCmRaC 文件保存到可以访问互联网的计算机可以访问的网络驱动器。否则,您可以通过其他方式(例如 USB 存储棒)将此文件转存到此计算机上。





7 X

Finish

Next

接下来,最后一次切换到 Festo License Central WebDepot (在可以访问互联网的计算机上),并上传先前生成的 WibuCmRaU 文件。

← ⓒ CmFAS Assistant	6.0	
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选择先前生成的 WibuCmRaC 回执文件。

Browse...

Upload Receipt Now

ОК

重要提示

要更改计算机的硬件配置,或者要将许可转移 到新的计算机上,请<u>先</u>停用您的许可!





输入您的票证 ID 后,选择选项

Re-Host Licenses

然后按照后续说明进行操作。该过程与激活许可的过程相同(不创建空的许可容器)。

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9 在 FluidDraw 中检查许可

9.1 许可的当前使用情况

通过 FluidDraw 菜单 "Manage" > "License Information" ,可以检查许可总数以及当前使 用的许可数量。



单击 OK 可以关闭信息。

或者,您也可以在 CodeMeter WebAdmin 中检查许可的使用情况,请参见第 38 页上的第 10.3 章。

9.2 已激活的许可

打开 FluidDraw 激活向导可以检查票证中包含的许可数量以及已激活的许可数量。可以使用 FluidDraw 菜单 "Manage" > "Manage Licenses"。

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输入票证 ID, 即可显示许可概览。

示例中的票证 ID 总共包含 3 个 FluidDraw 365 许可。一个许可已在本地计算机上激活,另外两个许可尚未激活。

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Name	Number of licenses	CnContainer	Found server	Action
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Ruid Draw 365	1	130-2581513846	VM000184 (Local machine)	Deactivate/Re-host
-	_	_		_





您也可以在 Festo License Central WebDepot 中输入 票证 ID 检查此信息,请参见第 25 页上的第 8.2 章

在包含已激活的许可的 CmContainer 编号前,如果标有绿点,则表示该 CmContainer 位于本地计算机上,或者可以通过网络进行访问。

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Narter	Activated On	CmContainer	Status
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FieldDraw 365 (Literae Guerdy: 1)	12		Available
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FESTO AG & Co.KG			English

10 许可管理

要管理 FluidDraw 许可,需要使用 Wibu Systems 提供的 Windows 版 CodeMeter Runtime。安装 CodeMeter Runtime 需要管理员权限。安装后不触发重启。

在网络中已安装 CodeMeter Runtime 并且在 Web 浏览器中已启用 JavaScript 的任何一台计算机上,您可以查看有关所用许可和许可服务器设置的详细信息。

10.1 安装许可管理软件 (CodeMeter Runtime)

CodeMeter Runtime 由 FluidDraw 安装程序安装在许可服务器以及工作站上。同时, FluidDraw

安装程序还会在许可服务器上设置"Network server"选项。

最新的"Windows 版 CodeMeter Runtime"也可以直接从 Wibu Systems 网站 (<u>www.wibu.com</u>) 下载,

并可独立于 Fluiddraw 安装程序进行安装。





10.2 打开 CodeMeter WebAdmin

通过 Windows 任务栏信息区域中的上下文菜单

打开 CodeMeter

WebAdmin。另外,也可以通过 CodeMeter Control Center 从 Windows 开始菜单

"All Programs" > "CodeMeter" >

"CodeMeterControl Center" 打开 CodeMeter WebAdmin。



单击 WebAdmin

10.3 显示许可详细信息

单击 Container > All Container 选项卡

随即显示所有<u>本地</u>激活的许可。在这里,您 还可以检查 FluidDraw 365 许可的到期日期。







要检查许可服务器上的许可,必须将视图切换到许可服务器。 为此,请单击对话框左下角的 Current Server: localhost (127.0.0.1) ②,然后选择许可服务器。

	CodeMete	er WebAdmin	C.
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Current Server IP-Address Operating System: Server Startup Server Venson	CDE2006617 10.10.124.127 Windows 10 3015-12-04-06-18-35 Version 6.88 of 10. Counsider 2018 ((Build 3112)	
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单击 Apply 确认您的选择

注:如果未列出许可服务器,则按照第11章 (第40页)的说明将其添加到服务器搜索列表中

("Configuration">"Basis">"Server Search List"选项卡)

单击 License Monitoring > All Licenses 选项卡

现在,您可以检查已使用许可的数量和免费许可的数量。

再次单击 License Monitoring 选项卡,然后从下拉 菜单中选择 Settings,以查看已使用许可的详细 信息,即当前正在使用许可的工作站。如果遇到 问题,请检查服务器和客户端的以下设置。您可 以在网络中的任何计算机上检查服务器设置。要

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检查客户端设置,必须在相应的工作站上调用 CodeMeter WebAdmin。

10.4 检查服务器设置

在对话框的左下角选择您的许可服务器

Current Server: FDLICSERVER (10.1.2.23) 🥝





选择

Configuration > Server > Server Access。必须启用

Network Server!

您可以在网络中的任何计算机上打开 CodeMeter WebAdmin 来检查此设置。

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注:要检查许可服务器设置,在 Web 浏览器中调用以下地址即可: http://[许可服务器的服务器名称或 IP 地址]:22350

10.5 检查客户端设置

在每个客户端上打开 CodeMeter WebAdmin 以检查设置。或者,您也可以在 Web 浏览器中调用以下地址: <u>http://localhost:22350</u>

在对话框的左下角,客户端计算机 "localhost (127.0.0.1)"已处于选中状态,您可以立即检查设置。

选择

Configuration > Server > Server Access。必须禁用

Network Server!





LUIBU

rver Search List-

add new Server

LUIBU SYSTEMS

or Search List-

Server Search List Proxy WebAdmin Backup

Server Search List Proxy WebAdmin Backup

Automatic server search (255.255.253.255) for the Server's name or IP-Address

Automatic server search (255.255.255.255)



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11 启动 FluidDraw 时未找到许可

启动时, FluidDraw 会尝试自动查找许可。如果找不到许可,则会打开以下对话框。



CodeMeter WebAdmin

CodeMeter WebAdmin

WebAdmin...

现在,可从中定义许可服务器。

转到

Configuration > Basis > Server Search List 选项卡

(仅当尚未打开时)

单击 add new Server

随即打开一个输入框。

输入服务器名称或许可服务器的 IP 地址,然后点击 Add 关闭对话框

Apply

保留 "Automatic Server Search

(255.255.255.255)"下的输入内容。

确保已完成许可服务器安装,并且许可服务器上的许可已激活。许可服务器必须可以通过网络访问。

CodeMeter Runtime Service 可能会被防火墙拦截。FluidDraw 和 CodeMeter Runtime 之间的通信通过 TCP/IP 协议进行。CodeMeter 服务的默认设置为端口 22350。必须为客户端和服务器双向打开此端口。



12 FluidDraw 更新

FluidDraw 安装程序和 FluidDraw 更新之间没有区别,即每个 FluidDraw 更新都是完整的安装程序。通过 第 12 页上的第 5 章中列出的任一方式下载安装程序并进行安装。

如果您有互联网连接,也可以从 FluidDraw 菜单 "Help" > "Check for updates"下载安装程序 并进行安装。请注意,如果已为此计算机上的 所有用户安装了 FluidDraw,则这需要管理员权 限。

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使用 FluidDraw 菜单 "Manage" > "Options" 进行更新搜索设置。

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如果在 FluidDraw 更新期间或之后出现问题,请从 Windows 控制面板("应用程序和功能")中卸载 FluidDraw,然后再次运行该程序。确保安装程序已完整下载。



FESTO

13 FluidDraw 365 许可

购买 FluidDraw 365 订购后,您将收到带有票证 ID 的许可,该许可在购买后 365 天内有效。激活此类订 购许可后,相应的到期日期将传输到 CodeMeter 容器并存储在其中。



或者,您也可以在 CodeMeter WebAdmin 中查 看到期日期,请参见 第 38 页上的第 10.3 章。

如果不取消 FluidDraw 365 订购,则在到期前不久将自动续订一年。同时,您的票证 ID 中的许可也将续 订。CodeMeter 容器中也将立即更新到期日期。

当 FluidDraw 检测到许可即将到期或许可已过期时,此许可更新过程将由 FluidDraw 自动进行,即便许可位于网络中的另一台计算机上(例如许可服务器上)也同样如此。为此,此计算机必须可以从启动 FluidDraw 且可以访问互联网的计算机上进行访问。

如果无法自动更新许可,则在程序启动时,FluidDraw 会找不到许可。在这种情况下,请使用票证 ID 手动激活续订,激活过程如 FluidDraw 初始安装和许可激活中所述,请参见第 21 页上的第 8 章。

如果已激活许可的计算机无法访问互联网,并且无法从工作站或通过 Festo License Central WebDepot 进行网络访问,请执行基于文件的许可激活,请参见第 27 页上的第 8.3 章。

为了您的安全, FluidDraw 365 许可有 7 天的缓冲期,即:如果 365 天之后无法续订许可,您仍可以再 使用 FluidDraw 7 天,您可以利用这段时间手动激活许可续订。

14 中央软件分发的安装程序参数

要进行此安装,必须具有管理员权限。要调用完整安装(包括 CodeMeter Runtime),请选择以下方式 :

call fluiddraw_p60j.exe /qb /i INSTALLDIR="C:\Program Files (x86)\Festo\FluidDrawP6"

安装程序的文件名取决于相应的软件版本,必须进行调整。

可通过以下方式,在静默模式下从票证 ID 激活许可(安装 FluidDraw 之后, CodemeterActivationWizard.exe 位于 FluidDraw 的子目录"\ bin"中,默认路径为"C: \ Program Files (x86) \ Festo \ FluidDrawP6 \ bin \"): call CodemeterActivationWizard.exe /qn

ticket=xyz logfile=c:\tmp\log.txt

其中, xyz 为票证 ID 的占位符,格式为:12345-67890-ABCDE-FGHIJ-KLMNO。日志文件的参数是可选的。

仅在批处理文件中才需要使用"调用"。"调用"生效后,请等待直至被调用进程结束。

安装 mit MSI-Paket

当前, MSI软件包仅按需提供。

必须从以下网址下载最新的"Windows 版 CodeMeter User Runtime"并单独进行安装:

<u>https://www.wibu.com/support/user/user-software.html</u>。调用参数自 CodeMeterRuntime 版本 6.90 起有 效。

此外,在安装 FluidDraw 更新 (第二次调用)之前,必须先卸载现有 FluidDraw 安装:

call CodeMeterRuntime.exe /ComponentArgs "*":"/qn ADDLOCAL=Complete,DotNET_Modules,AutomaticServerSearch,WibuShellExtension, User_Help,AccessToWebAdmin" call msiexec.exe /qn /x fluiddrawp6.msi REINSTALLMODE=vamus call msiexec.exe /qn /i fluiddrawp6.msi INSTALLDIR="C:\Program Files (x86)\Festo\FluidDrawP6"

注:如果运行时必须作为服务器运行,则还必须将选项"EnableNetworkServer"添加到列表中。调用方式为:

call CodeMeterRuntime.exe /ComponentArgs "*":"/qn





ADDLOCAL=Complete,DotNET_Modules,AutomaticServerSearch,WibuShellExtension, User_H elp,AccessToWebAdmin,EnableNetworkServer"

要为当前用户帐户安装 FluidDraw,请使用以下调用:

call msiexec.exe /qn /i fluiddraw_p60h.msi INSTALLDIR="%LOCALAPPDATA%\Festo\FluidDrawP6" ALLUSERS=""

安装 CodeMeterRuntime.exe 需要管理员权限。

FluidDraw 安装程序 (EXE) 和 MSI 软件包的参数

不带用户界面的安装程序	/qn
带简单用户界面的安装程序	/qb
安装 FluidDraw	/i
卸载 FluidDraw	/x
记录安装步骤	/! "[日志文件]"
安装目录	INSTALLDIR="[安装目录]"
许可服务器名称为所有用户安装(默认)	LICSERVER="[服务器 1];[服务器 2];;[服务器 N]"
不需要参数。 为当前用户安装	ALLUSERS=1
(驱动器安装,即无法使用 CodeMeter)	
	ALLUSERS=""
应用程序语言德语	LANGUAGE="DE"
应用程序语言英语 LANGUAGE="ENUS" 仅适用于	安装程序 (EXE):
将先卸载现有 FluidDraw 6 版本。新版本将安	
装在原始目录中。	REMOVE_FIRST

15 总结 - 重要说明和提示

<u>FluidDraw</u>更新

如果您的 FluidDraw 出现问题,请首先安装最新的 FluidDraw 更新。如果问题仍然存在,请从 Windows 控制面板中卸载 FluidDraw,然后重新安装。

<u>许可和票证 ID</u>请妥善保管您的票证 ID!知道您的票证 ID 的每个人都可以 激活免费许可。

在已激活 FluidDraw 许可的计算机上进行任何更改之前,请先禁用 FluidDraw 许可!此类更改包括计算机名称、操作系统、主板、CPU、网络适配器或硬盘驱动器更换。要停用(重新托管)许可,请在

FluidDraw 线上许可激活向导或 Festo License Central WebDepot 中输入票证 ID, 之后按照激活许可的步骤继续操作。

如果您的许可已失效,请通过以下电子邮件联系 Festo 服务部门并提供您的 Festo 客户编号: <u>fluiddraw@festo.com</u>

许可服务器

如果使用许可服务器,则必须允许 CodeMeter Runtime 通过 Windows 防火墙,通过 22350 端口(默认 设置)进行双向通信。许可服务器必须启用"Network server"选项,而客户端必须禁用此选项,请参 见第 39 页上的第 10.4 章和第 10.5 章。

如果存在许可管理问题,可以检查以下设置:确认 CodeMeter Runtime Service 是否同时在服务器和客 户端上运行;确认在工作站的 CodeMeter WebAdmin 中可以找到许可。

可在以下网址下载 "Windows 版 CodeMeter User Runtime" 的当前版本: <u>www.wibu.com</u> ("Support

& Downloads" > "Support for Users" : <u>https://www.wibu.com/support/user/user- software.html</u>) 。另请 参见 <u>https://www.wibu.com/us/support/user/faq-codemeter.html</u>。如果许可管理出现问题或

CodeMeter WebAdmin 在任何计算机上均不可用,请安装最新版本。

注:如果选择完整安装 FluidDraw 或许可服务器,则会同时安装 CodeMeter Runtime。但是,可能存在更新的版本。

如果要从任意计算机上更改许可服务器设置(远程访问),则必须在 CodeMeter WebAdmin 中 "Configuration" > "Basic" > "WebAdmin"选项卡下进行必要的身份验证。有关更多信息,请查看 CodeMeter 用户帮助。

数据保护与安全



在以下情况下, FluidDraw 会通过 HTTP 或 HTTPS 与以下服务器通信:

- Art Systems Software GmbH: 在程序启动时检查是否有更新可用(仅当程序选项中已激活自动 搜索更新时)。
- Art Systems Software GmbH:调用线上许可激活向导以确定用于激活或停用许可的 Wibu

URL.

- WIBU-SYSTEMS AG:不基于文件激活和停用许可。
- Festo SE 和 Co. KG:访问保存的在线购物篮。需要成功登录相应的 Festo 帐户。
- Festo SE 和 Co. KG:通过在线服务调用其他产品信息,例如 PDF 文档、数据表、附件、备件。
- Festo SE 和 Co. KG:确认"Send"按钮,将订货清单传送到 Festo 在线购物篮。

FluidDraw 会检查 Windows 剪贴板是否包含任何内容。其目的是为了更新用户界面,例如"Insert"按钮的状态。仅在按下"Insert"按钮或使用相同名称的菜单项后,才能读出这些内容。

激活 "Remember my credentials"选项后,Festo 在线帐户的登录数据(用于访问保存的在线购物篮) 将被加密并保存在本地硬盘驱动器上。停用此选项将删除保存的登录数据。

与其他大多数程序一样,由 Art Systems Software GmbH 开发的 FluidDraw 使用来自第三方提供商

(例如 Mircosoft Corporation 和 WIBU-SYSTEMS AG)的组件。因此,不可能详尽列出对 FluidDraw 组装软件包安全攸关的所有操作。

FluidDraw 所用的 WIBU-SYSTEMS AG 的许可保护可检测某些计算机属性(例如,计算机名称、硬件功能以及是否为虚拟机)。

在评估和检查软件可能造成的安全风险时,请务必仔细查看哪些进程在什么时间点启动了哪些操作, 这些操作可能被归类为关键操作。范例:在安装程序之后,简单对比安装前后的注册表,确定非程序 注册表分支中的变更,这样可以避免想当然地认为,变更是由安装的程序引入的。后台运行的非程序 进程(例如操作系统)也可能引入变更。