

## CoDeSys for Heesn 软件 ———

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→ 安装手册 ——





CoDeSys 软件及 HSC 系列控制器必要文件。

下载地址: <u>http://www.heesn.com/soft.php</u>

截至本手册发布止, CoDeSys 安装包最新版本为 V3.5.18.0, 本手册所述内容以该版本为依据, 后续更新版本请参考官网说明。

CoDeSys 安装包 CoDeSys V3.5.18.0 64 位下载链接 <u>http://www.heesn.com/uploads/soft/heesn/CODESYS%2064%203.5.18.0.exe</u> Heesn HSC 系列控制器 PACKAGE 包 <u>http://www.heesn.com/uploads/soft/heesn/Heesn-Example&Tools%20v3.0.package</u>

Heesn 全系列 CODESYS v3 版本硬件产品(HSD3 系列 HMI、HSC6 系列)环境配置及硬件设备 描述文件为 PACKAGE 包一键安装方式。HSC6 系列产品固件已更新 CODESYS v3.5 SP18+ 版 本 对应 PACKAGE 包已更新为 Heesn-Example&Tools v3.0. package。

## 1.安装 CODESYS for Heesn

下载完成得到如下文件

= Heesn	× +				-	
$\leftarrow  \rightarrow  \uparrow$	C 🖵 > Heesn				在 Heesn 中搜索	٩
🕀 新建 - 岁	0 1 🔿 🖻 🕯	、排序 ~				① 预览
介 主文件夹	名称	修改日期	类型	大小		
] 图库	CODESYS 64 3.5.18.0.exe	2025-03-26 10:18	应用程序	1,471,402		
	💗 Heesn-Example&Tools v3.0.package	2025-03-26 10:19	PACKAGE 文件	58,928 KB		
三 桌面	*					
↓ 下载	*					
■ 文档	*					
	*				选择要预览的文件。	
🚯 音乐	*					
▶ 视频	*					
> 🛄 此电脑						
> 🔄 网络						
2 个项目						



通过下载我们获取了 CODESYS 的安装程序,图标如下图所示:



CODESYS 安装程序是一个标准的安装向导,建议安装前关闭 360 等软件,避免禁用 CODESYS 相关服务。现在我们双击 CODESYS 安装程序图标(以 64 位 CODESYS 3.5.18.0 为例),打开 CODESYS 安装向导,单击 Next。

CODESYS 64 3.5.18.0 - InstallShield Wizard

CODESYS 64 3.5.18.0 rec Install to begin installing t	uires the following items to be installed on your computer. Click hese requirements.			
Status       Requirement         Pending       CODESYS Installer         Pending       Microsoft Visual C++ 2015-2019 Redistributable (x86)         Pending       Microsoft Visual C++ 2015-2019 Redistributable (x64)         Pending       Microsoft Visual C++ 2013 Redistributable Package (x64)         Pending       Microsoft Visual C++ 2013 Redistributable Package (x86)         Pending       Microsoft Visual C++ 2013 Redistributable Package (x86)         Pending       CodeMeterRuntime64				
	Install Cancel			
🔀 CODESYS 64 3.5.18.0 - Ins	tallShield Wizard X			
	Welcome to the InstallShield Wizard for CODESYS 64 3.5.18.0			
	The InstallShield(R) Wizard will install CODESYS 64 3.5.18.0 on your computer. To continue, click Next.			
CODESYS	WARNING: This program is protected by copyright law and international treaties.			
	< Back Next > Cancel			



## 勾选"I accept the terms of the license agreement",单击 Next。

🕼 CODESYS 64 3.5.18.0 - InstallShield Wizard	×
License Agreement	
Please read the following license agreement carefully.	CODESYS
	<u>^</u>
License Agreement	
for the usage of a CODESYS Software or CODES	YS
Software Package	
General Terms of License (End User License Agreement) for the supplied Software. Please rea this Software User Agreement carefully before us the supplied Software. Downloading or installation	id ing n of
I accept the terms in the license agreement     Pri	int
O I do not accept the terms in the license agreement	ce Licenses
InstallShield	
< Back Next > C	ancel

勾选"I have read the information", 单击 Next。

🖟 CODESYS 64 3.5.18.0 - InstallShield Wizard	×
Very important information Please read the following information carefully.	CODESYS
COMPATIBILITY_INFORMATION	^
CDS-31565 CmpDevice: Multisession management needed	
[[COMPATIBILITY INFORMATION-OEM]]	
The CODESYS Control runtime now supports more than one session on channel. This allows the CODESYS Webvisu to authenticate multiple sessions independently on a single communication channel. As a result, is no longer a strict 1:1 mapping between session and communication channel in the CODESYS protocol.	a there nannel v
<ul> <li>I have read the information</li> <li>I have not read the information yet</li> </ul>	Print
InstallShield < Back Next > 0	Cancel



#### 修改默认安装路径,单击 Next。

🕼 CODESYS 64 3.5.18.0 - InstallShield Wizard					
Destinati Click Nex	codesys				
	Install CODESYS 64 3.5.18.0 C:\Program Files\CODESYS 3.	to: 5.18.0\		Change	
InstallShield -		< Back	Next >	Cancel	

### 默认安装文件和服务,不修改,单击 Next。

🛃 CODESYS 64	3.5.18.0 - InstallShield Wizard	×
Setup Type Choose the set	up type that best suits your needs.	CODESYS
Please select a	setup type.	
Complete	All program features will be installed. (Requires the most disk space.)	
Custom	Choose which program features you want installed and where they will be installed. Recommended for advanced users.	
InstallShield	< Back Next >	Cancel



单击 Instal I, 开始安装。

🖟 CODESYS 64 3.5.18.0 - InstallShie	ld Wizard		×
Ready to Install the Program			
The wizard is ready to begin installation			CODESYS
Click Install to begin the installation.			
If you want to review or change any of exit the wizard.	your installation s	settings, dick Back. C	lick Cancel to
InstallShield			
	< Back	Install	Cancel

#### 开始安装,过程可能持续几分钟。

👷 CODESY	'S 64 3.5.18.0 - InstallShie	ld Wizard		_		×
Installing CODESYS 64 3.5.18.0       Image: Constalled status       Image: Constalled status       Constalled status         The program features you selected are being installed.       constalled status       constalled status						DESYS
13	Please wait while the InstallShield Wizard installs CODESYS 64 3.5.18.0. This may take several minutes.					
	Status:					
	Validating install					
InstallShield						
inatanoniciu –		< Back	Next >		Cano	el



#### 单击 Finish, 完成安装。



此时在桌面上会出现 CODESYS 的图标,任务栏右侧会出现两个托盘,左侧的是 Gateway, 右侧的是本地仿真 PLC。





# 2.安装 Heesn-PACKAGE 包

打开 CODESYS——>工具——>CODESYS Installer...

I	窗口 帮助
۲	CODESYS Installer
	Package Designer
1	库存储
1	设备存储库
-	可视化样式库
	授权存储库
-0	OPC UA Information Model Repository
	授权管理器
Ø	设备读取器
	自定义
	选项
	导入与导出选项
	脚本
	Edge Gateway
	Miscellaneous •
_	



#### 点击 "Install File"。

ODESYS Installe	r			-	
DESYS 3.5 SP1	8 (64 bit)				
ation Program Files\(	CODESYS 3.5.18	3.0\CODESYS			Brow
nnel for Setups eases					
nnel for AddOns eases					
ddOns					
		Install File	Export Config	Import	t Config
Installed	Browse	Updates			
CODESYS C	ompatibility Pac	kage			
CODESYS V	isualization				
CODESYS V	isualization Sup	port			
CODESYS S	cripting				
	ace				
CODESYS II					

### 选择下载的 "Heesn-Example&Tools v3.0.package",点击 "打开"。

名称	修改日期	类型
Heesn-Example&Tools v3.0.package	2023/2/8 11:09	CODESYS Packa
< ട( <u>N</u> ): Heesn-Example&Tools v3.0.package	✓ Package Files 打开( <u>O</u> )	*.package) ~ 取消



#### 安装提示,点击"OK"进行下一步。

Confirmation Required		×
The following operations	will be performed	
Click OK to proceed with the	changes listed be	Iow.
Install Packages (Silent=False, Include	Dependencies=Tri	ue)
InstallationPath: 'C:\Program Files\C	CODESYS 3.5.18.0\	CODESYS'
C:\Users\Cao_Heesn\Desktop\Hees	n-Example&Tools	v3.0.package
	ОК	Cancel

勾选同意安装,点击"Continue"进行下一步。

📦 Install packages		×
😑 Heesn-产品例程资料包3.0 for CODESYS V3.5 SP18	Heesn-产品例程资料包3.0 for CODESYS V3.5 SP18.0 3.0.0.0	
	Signature	~
÷		
want to continue despite of the missing signature(s	a) Continue Can	icel



#### 等待安装进度。

🐞 Install pa	ackages	×
	Downloading package 1/1	
	100%	
	Installing package 1/1	
	U70	
	Installing package Heesn-Example&Tools v3.0: 正在初始代	
	0%	
		Cancel

PACKAGE 安装成功,点击 "OK" 结束安装。

Install packages		>
	The addons were successfully installed.	
		Ok



PACKAGE 安装成功, CODESYS Installer 窗口内显示 "Heesn-产品例程资料包 for CODESYS V3.5 SP18.0"包。

			-	Ц
				Brow
	Install File	Export Config	Import	Config
$\uparrow$				
÷				
			Install File Export Config	Install File Export Config Import



就能发现已安装的"Heesn-产品例程资料包 for CODESYS V3.5 SP18.0" 文件夹





至此 Heesn-产品例程资料包已安装完成,对应的设备描述文件及库文件已安装至 CODESYS 软件开发环境。例程文档已安装到"我的文档"目录。