- ANSYS ELECTRONICS
- 安装教程

• 新科益系统与咨询(上海)有限公司







- □ 软件安装前的准备
- □ 服务端ELECTRONICS安装
- □ 加载License文件
- □ 客户端调用服务器端License



- ANSYS ELECTRONICS
- 安装前准备

• 新科益系统与咨询(上海)有限公司







#### □共1个.zip安装源文件

名称	修改日期	类型	大小
Electronics_221_winx64	2022/5/10 15:17	文件夹	

#### ■解压后得到

名称	修改日期	类型	大小
AnsysEM	2022/5/10 15:17	文件夹	
AutoPlay	2022/5/10 15:17	文件夹	
Documentation	2022/5/10 15:17	文件夹	
LayoutIntegrations	2022/5/10 15:17	文件夹	
Prerequisites	2022/5/10 15:17	文件夹	
RSM	2022/5/10 15:17	文件夹	
🚱 autorun.exe	2021/10/20 14:39	应用程序	6,279 KB
autorun.inf	2021/4/22 4:27	安装信息	1 KB
🗟 lua5.1.dll	2021/4/22 4:27	应用程序扩展	319 KB
lua51.dll	2021/4/22 4:27	应用程序扩展	11 KB



# 安装前更改电脑基本设置

#### □ 关闭防火墙

家庭或工作(专用)网络位置设置
 ◎ 启用 Windows 防火墙
 □ 阻止所有传入连接,包括位于允许程序列表中的程序
 ☑ Windows 防火墙阻止新程序时通知我
 ◎ 关闭 Windows 防火墙(不推荐)
 公用网络位置设置
 ◎ 启用 Windows 防火墙
 □ 阻止所有传入连接,包括位于允许程序列表中的程序
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□ 关闭杀毒软件



- ANSYS ELECTRONICS
- 客户端安装

• 新科益系统与咨询(上海)有限公司





### Licence Manager安装

□ 右键点击autorun.exe,选择以管理员身份运行(Run as administrator)





# / 点击Install Electromagnetics Suite













License Agreement	No.
Please read the following license agreement carefully.	-
Press the PAGE DOWN key to see the rest of the agreement.	
CLICKWRAP SOFTWARE LICENSE AGREEMENT	^
Version July 29, 2021	
***IF LICENSEE HAS PREVIOUSLY AGREED IN WRITING TO A SOFTWARE	
LICENSE LODGELIENTI ITULIOENSOD TULT OPEOICOLULI OCUEDNOLI	
LICENSE AGREEMENT WITH LICENSOR THAT SPECIFICALLY GOVERNS L THE PROGRAM(S), SUCH SOFTWARE LICENSE AGREEMENT SUPERSEDE	JSE OF ES AND
LICENSE AGREEMENT WITH LICENSOR THAT SPECIFICALLY GOVERNS L THE PROGRAM(S), SUCH SOFTWARE LICENSE AGREEMENT SUPERSEDE REPLACES THIS CLICKWRAP SOFTWARE LICENSE AGREEMENT, AND TH CLICKWRAP SOFTWARE LICENSE AGREEMENT IS VOID.***	JSE OF ES AND HIS
LICENSE AGREEMENT WITH LICENSOR THAT SPECIFICALLY GOVERNS L THE PROGRAM(S), SUCH SOFTWARE LICENSE AGREEMENT SUPERSEDE REPLACES THIS CLICKWRAP SOFTWARE LICENSE AGREEMENT, AND TH CLICKWRAP SOFTWARE LICENSE AGREEMENT IS VOID.***	JSE OF ES AND HIS
LICENSE AGREEMENT WITH LICENSOR THAT SPECIFICALLY GOVERNS L THE PROGRAM(S), SUCH SOFTWARE LICENSE AGREEMENT SUPERSEDE REPLACES THIS CLICKWRAP SOFTWARE LICENSE AGREEMENT, AND TH CLICKWRAP SOFTWARE LICENSE AGREEMENT IS VOID.*** Do you accept all of the terms of the preceding License Agreement? If you choose No, the setup will close. To install Answs Electromagnetics Suite, you	JSE OF ES AND HIS . V
LICENSE AGREEMENT WITH LICENSOR THAT SPECIFICALLY GOVERNS L THE PROGRAM(S), SUCH SOFTWARE LICENSE AGREEMENT SUPERSEDE REPLACES THIS CLICKWRAP SOFTWARE LICENSE AGREEMENT, AND TH CLICKWRAP SOFTWARE LICENSE AGREEMENT IS VOID.*** Do you accept all of the terms of the preceding License Agreement? If you choose No, the setup will close. To install Ansys Electromagnetics Suite, you must accept this agreement.	JSE OF ES AND HIS 
LICENSE AGREEMENT WITH LICENSOR THAT SPECIFICALLY GOVERNS L THE PROGRAM(S), SUCH SOFTWARE LICENSE AGREEMENT SUPERSEDE REPLACES THIS CLICKWRAP SOFTWARE LICENSE AGREEMENT, AND TH CLICKWRAP SOFTWARE LICENSE AGREEMENT IS VOID.*** Do you accept all of the terms of the preceding License Agreement? If you choose No, the setup will close. To install Ansys Electromagnetics Suite, you must accept this agreement. tallShield	JSE OF ES AND HIS V



# 指定安装路径后点击Next(可指定非系统盘)

	Choose Folder
Ansys Electromagnetics Suite 2022 R1 X	Please select the installation folder.
Choose Destination Location	Path:
Select folder where setup will install files.	D:\Program Files\AnsysEM
Please select the common installation folder for Ansys Electromagnetics products.	Directories:
Setup will install Ansys Electromagnetics Suite in a subdirectory 'v221\Win64' of this common directory. - To use the below directory, dick <next>. - To install to a different directory, dick <browse> and select another directory.</browse></next>	<ul> <li>Program Files</li> <li>7-Zip</li> <li>AnsysEM</li> <li>InstallationInformation</li> <li>BCL Technologies</li> <li>Common Files</li> <li>Futuremark</li> </ul>
Destination Folder	> Intel
C:\Program Files\AnsysEM Browse	Internet Explorer



X

~

> ~

取消

## 指定临时目录后点击Next (可指定非系统盘)

oose Default Temp Directory Location elect directory to be used by default for temporary files The Temp Directory setting is used during local and remote simulations for temporary work Please specify the Default Temp Directory for this installation. Users may configure a diffe Temp Directory from this default; please view Online Help for more details. - To use the below as the Default Temp Directory, click <next>. - To select a different directory, click <browse> and select another directory Default Temp Directory:</browse></next>	k space srent
elect directory to be used by default for temporary files The Temp Directory setting is used during local and remote simulations for temporary work Please specify the Default Temp Directory for this installation. Users may configure a diffe Temp Directory from this default; please view Online Help for more details. - To use the below as the Default Temp Directory, click <next>. - To select a different directory, click <browse> and select another directory Default Temp Directory:</browse></next>	k space srent
The Temp Directory setting is used during local and remote simulations for temporary worl Please specify the Default Temp Directory for this installation. Users may configure a diffe Temp Directory from this default; please view Online Help for more details. - To use the below as the Default Temp Directory, click <next>. - To select a different directory, click <browse> and select another directory Default Temp Directory:</browse></next>	k space srent
Please specify the Default Temp Directory for this installation. Users may configure a diffe Temp Directory from this default; please view Online Help for more details. - To use the below as the Default Temp Directory, click <next>. - To select a different directory, click <browse> and select another directory Default Temp Directory:</browse></next>	erent
C:\Users\	
Biows	se
If multiple users will run remote simulations from this installation, they need read/write perm on the default temporary directory.	nissions
Add read/write access for EVERYONE on default temp directory Shield	
< Back Next > Can	



# 默认本地安装,点击Next

Ansys Electromagnetics Suite	e 2022 R1	>
Choose Library Option		A Part
Select whether new users sho default	uld use a common library location by	
This product supports the Corr components, and other librarie	nmon Libraries installation, a centralized installa s used in Ansys Electromagnetics products.	ation of materials,
This option allows customers to reference. You may also add accessible to all users and pro	o place libraries in a common location that mul custom materials and components that are au ducts that use this common libraries installation	ltiple products may tomatically n.
From which location should us	ers access libraries by default?	
This local installation		
O The following common loca choosing this option)	tion (the libraries must already be installed befo	ore
		Browse
InstallShield		
	< <u>B</u> ack <u>N</u> ext >	Cancel



# 

如安装了ANSYS产品选择YES, 将电磁包集成到Workbench平 台,

如未安装ANSYS产品选择NO, 将来安装了可以另行集成。

Ansys Electromagnetics Suite 2022 R1	×
Integration with Ansys 2022 R1	Same I and
Select whether or not to integrate Ansys Electromagnetics Suite 2022 R1 with Ansys 2022 R1	
Ansys 2022 R1 is not installed on this machine.	
If you install Ansys 2022 R1 later and wish to integrate it with Ansys Electromagnetic 2022 R1, you can do so by running:	cs Suite
Modify Integration with Ansys 2022 R1	
from the Program Folder selected during the installation.	
Do you wish to integrate with Ansys 2022 R1 now?	
O Yes. (Ansys 2022 R1 is not currently installed.)	
● No.	
InstallShield	
< <u>B</u> ack <u>N</u> ext >	Cancel



## 方法一①:选择I want specify a license server, 点击Next

Insys Electromagnetics Suite 2022 R1	×
License Information	
Specify client license information.	
Existing client license information has been found.	
Please select one of the following options in order to specify where license software will be served:	es for this
Help me decide which of the following options to choose	
O I have a new license file	
I want to specify a license server	
O I want to keep the current license configuration	
View current license configuration	
istallShield	
C Back Nevt	> Cancel
( Back How	Cancer

此方法适用大多数企 业用户,指定一个服 务器地址,并调用其 *License*,确保局域网 畅通



## 方法一②:按下图进行设置,其中 Server 1 填入为计算机全名,点击Next

s Electromagnetics	Suite 2022 R1	×
cense Information		A State of State
Specify client license info	ormation.	
Specify the name or IP a he order in which these	ddress of the license server. If you are specify servers are entered must match the license fi	ving redundant servers, es on each server.
Specify redundant se	Ivers	
Gerver 1:		1
Server 2:		
Server 3:		
Specify server TCP/II	<sup>D</sup> port number (advanced): 1055	
llShield		
	K Back N	ext > Cancel
	< Back	ext > Cancel

此方法适用大多数企 业用户,指定一个服 务器地址,并调用其 *License,*确保局域网 畅通



### 方法二①:选择I want to keep the current license configuration, 点击Next

×
A Part
enses for this

此方法适用**本地**已经 安装ANSYS License Manager 并在正常使用老版本 的用户,继续保持当 前License配置

两种方法都会到达下 一页面,方法二不必 指定调用服务器,所 以少一步骤。且安装 完电磁包后可以直接 使用





nsys Electromagnetics Suite 2022 R1		>
Review settings before copying files	-	
You should close all running applications be Hint: Press Alt+Tab key to find applications	fore continuing. s, and then close them	2
Setup has enough information to start cop change any settings, click Back. If you are copying files.	ying the program files. If you want to revie a satisfied with the settings, dick Next to be	w or gin
Current Settings:		
Destination directory: "D: \Program Files \AnsysEM"		^
Destination disk information: Required disk space: 22117 MB Available disk space: 231107 M	(approximate) B	
Security Information: Keeping current license configur	ration	
		*
5		3
stallShield		
	< Back Next > C	ancel
	Participant and a second secon	





nsys Electromag Setup Status	netics Suite 2022 R1	
The InstallShield	Wizard is installing Ansys Electromagnetics Suite	e 2022 R1
Installing D: \ \Shared File	es\Licensing\licadmin\scripts\TkWidgetHandler.it	td
stallShield		
		Cancel



# 点击Finish, 完成电磁包安装

Ansys Electromagnetics Suite 2022 R1		Ansys Electromagnetics Suite 2022 R1		
	InstallShield Wizard Complete Setup has finished installing Ansys Electromagnetics Suite 2022 R1 on your computer. NOTE: To configure this computer to accept requests for remote simulation, you must update the Ansys Electromagnetics Remote Simulation Manager (RSM) and register Ansys Electromagnetics Suite with it.		InstallShield Wizard Complete Setup has finished installing Ansys Electromagnetics Suite 2022 R1 on your computer. NOTE: To configure this computer to accept requests for remote simulation, you must update the Ansys Electromagnetics Remote Simulation Manager (RSM) and register Ansys Electromagnetics Suite with it.	
	< <u>B</u> ack Finish Cancel		< <u>B</u> ack <b>Finish</b> Cancel	





• 加载License文件

新科益系统与咨询(上海)有限公司



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# 从开始菜单打开License Management Center

□如在安装过程中选择方法二的不需要以下步骤,已经可以正常使用

□注意:License Manager基于网页运行,而且必须使用IE打开(其它浏览器打开可能会发生错误)。

□如果系统的默认浏览器不是IE,请在IE地址栏内输入如下地址:

http://localhost:1084/ANSYSLMCenter.html







<b>/</b> \nsys		
🗸 Ansys License Manage	Release 2022 R1	
Home View Status/Start/Stop License Manager Reread License Manager Settings	<choose file=""></choose>	BROWSE
License File Options Add a License File Get System Hostid Information View FlexNet Licenses		
Log Files View Licensing Interconnect Log View FlexNet Debug Log View License Management Center Log		
Reporting View Current License Usage View License Usage History View Peak License Usage View License Denials		
Diagnostics Display FlexNet License Status Gather Diagnostic Information Display Queued Licenses		
Advanced Options Specify License Manager Run Mode		
Help		

CONSULTANTS



# **/**\nsys

Help

Ansys License Manager R	Release 2022 R1				
Home					
w Status/Start/Stop License Manager ead License Manager Settings	<choose file=""></choose>				BROW
ense File Options					
ld a License File et System Hostid Information	○○ ● → 计算机 → 本地磁盘 (E:) → ANSYS License		▼ 4 捜索 ANSYS License	Q	
w FlexNet Licenses	组织▼ 新建文件夹		i -	•	
Files	■ 桌面 <	修改日期	类型 大小		
ew Licensing Interconnect Log ew FlexNet Debug Log ew License Management Center Log	<ul> <li>◇ A360 Drive</li> <li>◎ 库</li> <li>■ 视频</li> </ul>	2017/3/20 15:	54 文本文档 30 KB		
orting	■ 图片 =				
w Current License Usage w License Usage History w Peak License Usage w License Denials	<ul> <li>♪ 音乐</li> <li>● 计算机</li> <li>▲ 本地磁盘 (C:)</li> <li>□ 本地磁盘 (D:)</li> </ul>				
gnostics	本地感益 (E:) 				
play FlexNet License Status her Diagnostic Information play Queued Licenses	文件名(N): license-ansys_hybrid_02222017_103238_385_PM.TXT		<ul> <li>▼ 所有文件</li> <li>打开(0) ▼ 取消</li> </ul>	×	
anced Options					
ecify License Manager Run Mode					



### 回到View Status/Start/Stop License Manager 页面

<b>/</b> \nsys	
🗸 Ansys License Manag	er Release 2022 R1
Home View Status/Start/Stop License Manager Reread License Manager Settings	The license manager is running.     STOP
License File Options Add a License File Get System Hostid Information View FlexNet Licenses	Licensing Interconnect: running Licensing Interconnect Monitor: running FlexNet Licensing: running
Log Files View Licensing Interconnect Log View FlexNet Debug Log View License Management Center Log	
Reporting View Current License Usage View License Usage History View Peak License Usage View License Denials	
Diagnostics Display FlexNet License Status Gather Diagnostic Information Display Queued Licenses	
Advanced Options Specify License Manager Run Mode	
Help Now ANSYS Licensing Cuide	

# 检查License管理软件在服务器端是否正常运行

<b>/</b> \nsys		
🗸 Ansys License Manag	ger Release 2022 R1	
Home View Status/Start/Stop License Manager Reread License Manager Settings	The license manager is running.	
License File Options Add a License File Get System Hostid Information View FlexNet Licenses	Licensing Interconnect: running Licensing Interconnect Monitor: running FlexNet Licensing: running	
Log Files View Licensing Interconnect Log View FlexNet Debug Log View License Management Center Log	此3行有任何一行显示not running则为有异常,无法正常使用	
Reporting View Current License Usage View License Usage History View Peak License Usage View License Denials		
Diagnostics Display FlexNet License Status Gather Diagnostic Information Display Queued Licenses		
Advanced Options Specify License Manager Run Mode		
Help View ANCVS Licencing Cuide		

• 客户端调用服务器端License

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- □保证客户端机器与服务器在一个局域网,并且相互可以 ping 通 IP 地址
- □保证 1055 和 2325 端口没有被网管封掉
- ■客户端不需要安装 License Manager
- □第一种方法:客户端软件安装流程同服务器软件安装方法,在输入主机名处需要输入服务器主机名 或 IP 都可,此方法在安装过程中已经展示
- □第二种方法:客户端软件安装流程同服务器软件安装方法,如果安装时未定义服务器名称,可以通过客户端的软件客户端来定义服务器名称,接下来展示该种方法,需要已经安装ANSYS产品包



# 在ANSYS产品开始菜单里,点击Client ANSLIC\_ADMIN Utility

	License Servers > Elastic Licensing				
License Servers FlexNet Publisher Elastic Licensing Reporting FlexNet Publisher License Status User Preferences Borrow Gather Diagnostics	Port	Server 1	Triad configu Server 2	Iration (Advanced) Server 3	Test
					Cancel Save









#### **ANSYS ELECTRONICS**

### 客户端安装完成

#### 新科益系统与咨询(上海)有限公司





## 新科益系统与咨询(上海)有限公司



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公司网址:http://www.cadit.com.cn

