Ansys Installation and Setup

Structures
- Mechanical
- LS-DYNA
- Forming
- Motion
- Sherlock
- Additive Solutions
- nCode DesignLife
- Autodyn
- Aqwa

Acoustics Simulation
- Sound

Fluids
- Fluent
- CFX
- Chemkin-Pro
- Forte
- Rocky
- FENSAP-ICE
- EnSight
- Turbo Tools
- Polyflow
- Model Fuel Library

Electronics
- HFSS
- Maxwell
- SIwave
- Icepak
- Motor-CAD
- Q3D Extractor
- NuHertz
- EMA3D Cable
- EMA3D Charge

Semiconductor
- RedHawk-SC
- RedHawk-SC Electrothermal
- Totem
- PowerArtist
- RaptorH
- Pharos
- Exalto
- VeloceRF
- PathFinder
- Path FX
- Clock FX

Optics and VR
- Speos
- VRXPERIENCE HMI
- VRXPERIENCE Light Simulation
- VRXPERIENCE Perceived Quality

Zemax Optics
- Zemax OpticStudio
- Zemax OpticBuilder
- Zemax OpticStudio STAR Module

Photonics
- Lumerical FDTD
- Lumerical FDTD Accelerator
- Lumerical MODE
- Lumerical Multiphysics
- Lumerical INTERCONNECT
- Lumerical CML Compiler

3D Design
- Discovery

Mission Engineering
- STK
- ODTK
- TETK

Digital Twin
- Twin Builder

Embedded Software
- SCADE Suite
- SCADE Display
- SCADE Vision
- SCADE Architect
- SCADE Test
- SCADE Lifecycle

Safety Analysis
- Digital Safety Manager
- medini analyze
- medini analyze for Cybersecurity
- medini analyze for Semiconductors

AV Simulation
- AVxcelerate Headlamp
- AVxcelerate Sensor

Materials
- Granta MI
- Granta Selector
- Granta EduPack
- Granta MDS

Connect
- Granta MI
- Granta Selector
- optiSLang
- Minerva
- ModelCenter

Cloud
- Ansys Cloud

Installer lists
- Download **Structures**
- Download **Fluids**
- Download **Electronics**
- Download **Discovery (3D Design)**
- Download **Granta Edupack**
- Download **SPEOS**
- **Ansys Tools Details**

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Ansys Installation and Setup

Installation Steps:

1. Extract the zip file to a local drive **(do not put it on a network drive or external drive/USB)**

2. Right click on 'setup.exe' ('autorun.exe' for Electronics), then **'Run as administrator'**

3. Select 'Install Ansys Products' ('Install Electromagnetics Suite' for Electronics), then mostly take all defaults.

Note:

3.1 Make sure there are at **least 50 GB** remaining on the C drive. If install more than 1 package, a **minimum of 100GB** space on C drive is **recommended**. Otherwise, Install Ansys on another local drive

3.2 When prompted for license server Hostname, use this IP address **(Mahidol IP)**

3.3 Select **'Allow access'** for any **Windows Defender Firewall pop-ups**

3.4 For Discovery Installation, select "Server Shared License" when prompted for licensing mode. Once installation is done, it will check the **compatibility of the graphics card** on the machine. This should show **'compatible'**

Fluids & Structures Installing Video	Electronics Installing Video

Platform Support and Graphic Cards

Platform Support by Application/Product

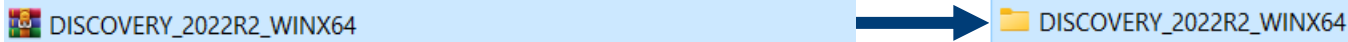**CAD Support**

Graphics Cards Tested

Recommended Hardware

More Details

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Ansys Discovery Installation and Setup

Installation Steps:

1. Extract the zip file to a local drive **(do not put it on a network drive or external drive/USB)**

2. Open Folder, Right click on 'setup.exe', then **'Run as administrator'**

3. Select '**Install Ansys Products**', then mostly take all defaults.

4. When prompted for license server Hostname, use this IP address **(License Server IP)**

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Ansys Discovery Installation and Setup

Note:

3.1 Make sure there are at **least 50 GB** remaining on the C drive. If install more than 1 package, a **minimum of 100GB** space on C drive is **recommended**. Otherwise, Install Ansys on another local drive

3.2 Select **'Allow access'** for any **Windows Defender Firewall pop-ups**

3.3 For Discovery Installation, select "Server Shared License" when prompted for licensing mode. Once installation is done, it will check the **compatibility of the graphics card** on the machine. This should show **'compatible'**
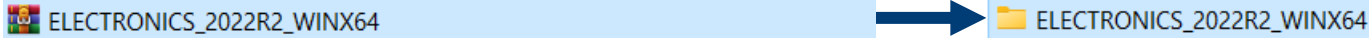
Fluids & Structures & Discovery Installing Video

Electronics Installing Video

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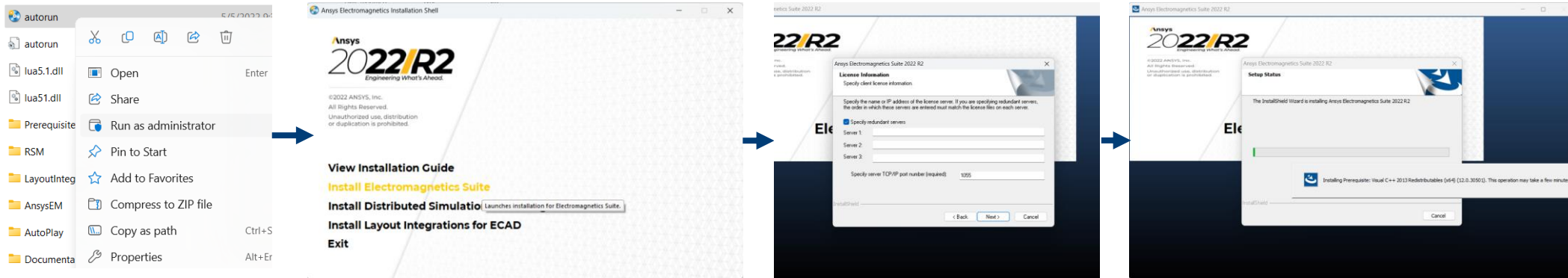# Ansys Electronics Installation and Setup

Installation Steps:

1. Extract the zip file to a local drive **(do not put it on a network drive or external drive/USB)**

2. Open Folder, Right click on 'autorun.exe', then **'Run as administrator'**

3. Select **'Install Electromagnetics Suite'**, then mostly take all defaults.

4. When prompted for license server Server 1, use this IP address **(License Server IP)**,

   then click next and waiting for installing, then finish.

Ansys Electronics Installation and Setup

Note:

3.1 Make sure there are at **least 50 GB** remaining on the C drive. If install more than 1 package, a **minimum of 100GB** space on C drive is **recommended**. Otherwise, Install Ansys on another local drive

3.2 Select **'Allow access'** for any **Windows Defender Firewall pop-ups**

3.3 For Discovery Installation, select "Server Shared License" when prompted for licensing mode. Once installation is done, it will check the **compatibility of the graphics card** on the machine. This should show **'compatible'**

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Ansys Fluids Installation and Setup

Installation Steps:

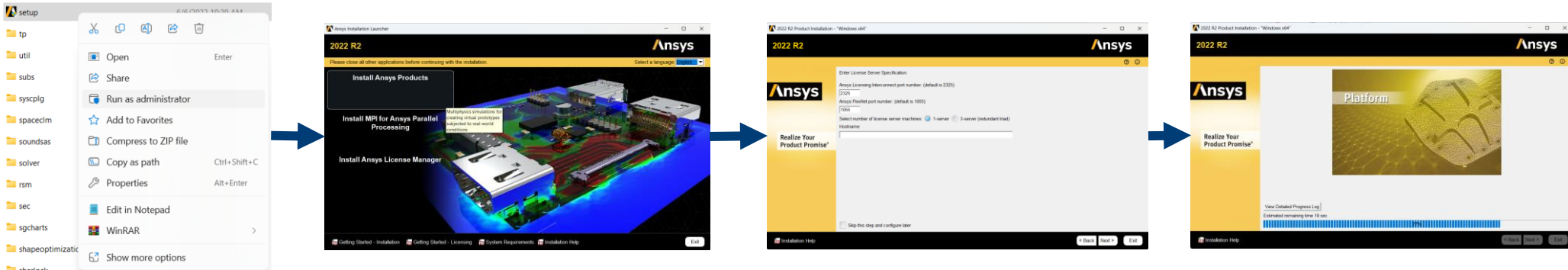1. Extract the zip file to a local drive **(do not put it on a network drive or external drive/USB)**

2. Open Folder, Right click on 'setup.exe', then **'Run as administrator'**

3. Select '**Install Ansys Products**', then mostly take all defaults.

4. When prompted for license server Hostname, use this IP address **(License Server IP)**

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Ansys Fluids Installation and Setup

Note:

3.1 Make sure there are at **least 50 GB** remaining on the C drive. If install more than 1 package, a **minimum of 100GB** space on C drive is **recommended**. Otherwise, Install Ansys on another local drive

3.2 Select **'Allow access'** for any **Windows Defender Firewall pop-ups**

3.3 For Discovery Installation, select "Server Shared License" when prompted for licensing mode. Once installation is done, it will check the **compatibility of the graphics card** on the machine. This should show **'compatible'**

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Ansys Granta Edupack Installation and Setup

Installation Steps:

1. Extract the zip file to a local drive **(do not put it on a network drive or external drive/USB)**
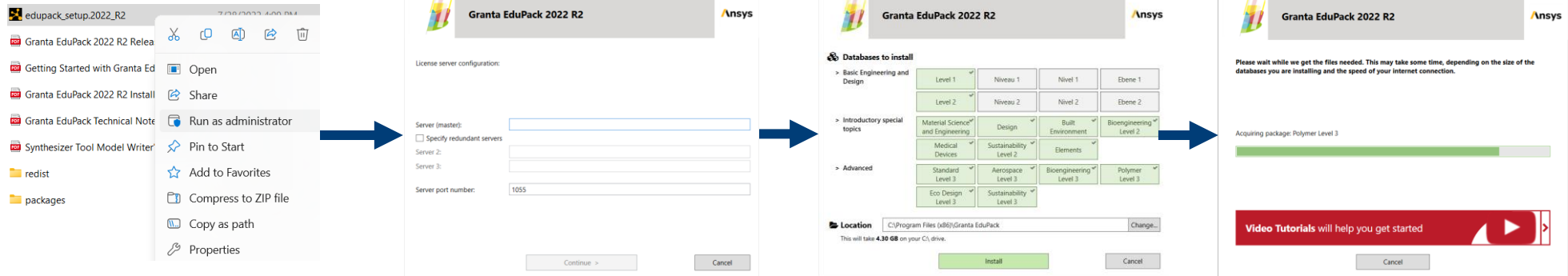

2. Open Folder, Right click on 'edupack_setup.2022_R2.exe', then **'Run as administrator'**

3. When prompted for license server **Server (master)**, use this IP address **(License Server IP)**

Ansys Granta Edupack Installation and Setup

Note:

3.1 Make sure there are at **least 50 GB** remaining on the C drive. If install more than 1 package, a **minimum of 100GB** space on C drive is **recommended**. Otherwise, Install Ansys on another local drive

3.2 Select **'Allow access'** for any **Windows Defender Firewall pop-ups**

3.3 For Discovery Installation, select "Server Shared License" when prompted for licensing mode. Once installation is done, it will check the **compatibility of the graphics card** on the machine. This should show **'compatible'**
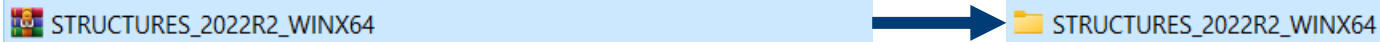
| **Fluids & Structures & Discovery Installing Video** | **Electronics Installing Video** |

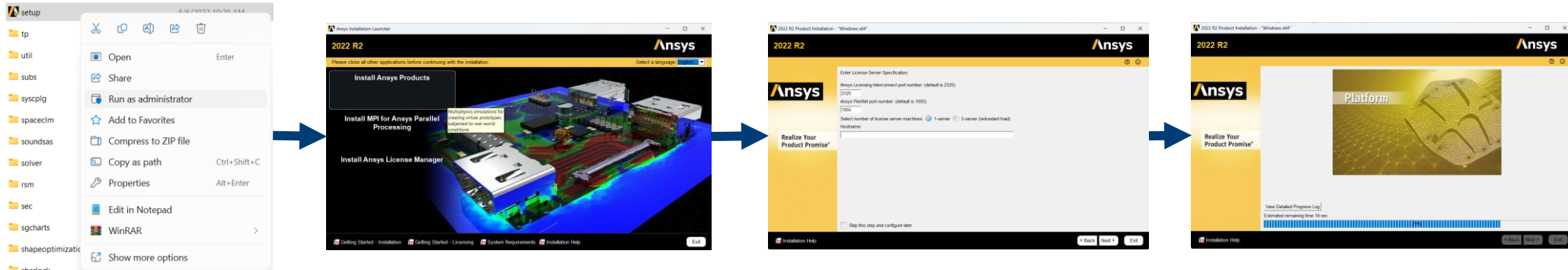**CADFEM**®

Ansys Structures Installation and Setup

Installation Steps:

1. Extract the zip file to a local drive **(do not put it on a network drive or external drive/USB)**

2. Open Folder, Right click on 'setup.exe', then **'Run as administrator'**

3. Select '**Install Ansys Products**', then mostly take all defaults.

4. When prompted for license server Hostname, use this IP address **(License Server IP)**

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Ansys Structures Installation and Setup

Note:

3.1 Make sure there are at **least 50 GB** remaining on the C drive. If install more than 1 package, a **minimum of 100GB** space on C drive is **recommended**. Otherwise, Install Ansys on another local drive

3.2 Select **'Allow access'** for any **Windows Defender Firewall pop-ups**

3.3 For Discovery Installation, select "Server Shared License" when prompted for licensing mode. Once installation is done, it will check the **compatibility of the graphics card** on the machine. This should show **'compatible'**

Fluids & Structures & Discovery Installing Video	Electronics Installing Video

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