

# Optitex Installation Guide (For Administrators)

**DESIGN. DEVELOP. PRODUCE.** 

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## **Overview**

This document covers the installation and administration of the Optitex desktop products listed below. Use it for both standalone installations as well as a wider deployment.

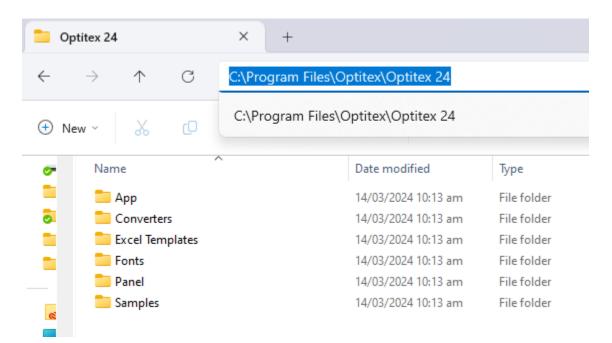
This document is always updated to the latest released Optitex version; therefore, the process may be different if you are installing a previous version.

Optitex recommends always using the latest version to include all improvements and ensure the best possible user experience.

## **Optitex files locations**

Optitex files are installed in two locations on your computer:

1. The main Optitex folder contains all the installation files, including languages, default fabrics, default palettes, fonts, 3D Avatars, PDS/Marker samples and all Optitex utilities. These are installed by default in your C drive (located in Program Files, depending on the Optitex version you installed):



**Optitex installation Folder:** 

C:\Program Files\Optitex\Optitex 24

Note that Version 24 is only available in 64-bits

2. The second Optitex folder includes the content library, backup files, license files, and configuration files. These are installed in your C drive:

Dptitex 24	× +	
$\leftarrow \rightarrow \land C$	C:\Users\Public\Optitex\Opti	tex 24
🕀 New ~ 🐰 🗘	C:\Users\Public\Optitex\Opt	iitex 24
σ Name	Date mod	lified Type
🗖 📄 Al Plugin	14/03/202	4 10:13 am File folder
👼 📃 Backup	14/03/202	4 10:12 am File folder
Color Palettes	14/03/202	4 10:13 am File folder
😑 📃 Content Library	14/03/202	4 10:13 am File folder
Creative	14/03/202	4 10:13 am File folder
FabricLibrary	14/03/202	4 10:13 am File folder

**Optitex content & configuration folder** 

C:\Users\Public\Optitex\Optitex 24

## **Optitex Full Installation**

The following components are included automatically when installing the **Optitex Suite**:

- Full Optitex Suit (PDS/Marker/3D)
- Content Library (Seam and Stitch Library, Button Shapes)
- Fabric List
- Color Palettes
- Texture Library
- Avatars (Adam + Eva only)
- Online Support (Optional, using Team Viewer)
- Avatar Editor
- Runway Viewer
- Optitex Viewer
- Fabric Meter
- Direct converters: Convert commonly used CAD system files directly to Optitex format, or export from Optitex to other formats.
  - Note: the converters are not supported and maintained anymore. You can use them as they are.
- Material Converter
- Utilities
  - License Manager
  - Optitex Shell: batch utility
  - Settings Manager
  - OCC: Output Control Center: used to configure and manage plotting and cutting.

The following components are included in the full Optitex installation, but are **optional**:

- Nesting Pack: Nesting algorithms and drivers
- Team Viewer (Online support remote connection)

## **Available Separate Installations**

- Language pack
- 3D Sample Pack
- Fabric Meter
- 2D Plugins
- CutPlan
- Network License Manager
- SDK
- Runway Viewer
- Optitex Viewer
- Optitex 3D Revu

- 3D Design for Illustrator (3DDI)
- OCloud Link

Optitex full installations, as well as the service packs, can be applied both attended and unattended. Refer to the <u>Silent Installation</u> section to learn more about available switches.

#### Prerequisites

Before installing Optitex on your computer, make sure your PC is compatible with Optitex.

#### System Requirements

#### Supported Operating Systems

Use the following guidelines to avoid installation issues:

- 1. Download the installation files, (unzip (if zipped) and have them ready.
- 2. If you have a hardware key, Do not insert it before the installation. The installation package contains the license key drivers.

**Note:** Existing older major versions may be left intact. You may use them for as long as needed before removing them.

## User preferences, settings and customizations

User preferences, settings and customizations are saved in the file system and in the registry. For example, changes made by the user to **Tools > Preferences** are written to the Optitex[version#].ini file.

The Windows folder containing this and other user generated files is:

C:\Users\Public\Optitex\Optitex 24

Dptitex 24	× +
$\leftarrow \rightarrow \land \Box$	C:\Users\Public\Optitex\Optitex 24
🕀 New ~ 👗 🗘	C:\Users\Public\Optitex\Optitex 24
ơ Name	Date modified Type
📮 👘 Al Plugin	14/03/2024 10:13 am File folder
👼 📃 Backup	14/03/2024 10:12 am File folder
Color Palettes	14/03/2024 10:13 am File folder
Content Library	14/03/2024 10:13 am File folder
Creative	14/03/2024 10:13 am File folder
FabricLibrary	14/03/2024 10:13 am File folder

## **Installing Optitex Full Package**

The Optitex full installation package should be used for new versions, when installing from scratch, or when you want to modify your existing setup.

The installation packages should be downloaded.

The full installation package should be executed using the EXE file (and not the MSI file).

The **Optitex installation** requires the following Microsoft components:

- Microsoft .NET Framework 4.7.2 Full
- Microsoft Visual C++ 2019 Redistributable Package (x64)
- Microsoft Visual C++ 2019 Redistributable Package (x86)

If your system is missing one or more of these components, they will be installed by the Optitex setup prior to the Optitex apps.

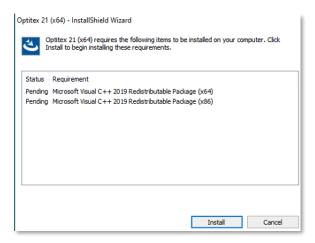
**Note:** A reboot may be required, depending on your existing windows and Microsoft Visual C++ Redistributable versions

**Important:** The available **MSI** installation file should only be used in <u>command line</u> installations. It does not supply the above Microsoft components. Installing the **MSI** on a system missing one or more of the prerequisites will result in a non-usable Optitex installation.

## To run the full Optitex installation:

1. Run the full installation package (recommended: right click and select Run as Administrator).

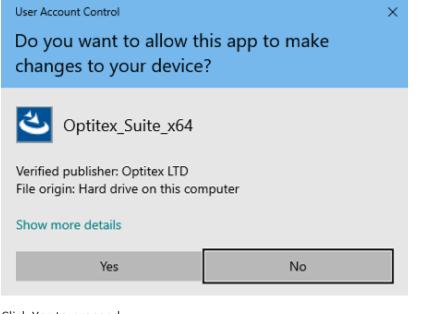
If you are missing any requirements necessary for installation, a message appears specifying the missing prerequisites. Click **Install** to proceed.



Following the installation of the missing components, a reboot may be required prior to the Optitex installation. This is depending on your existing windows and MS VCRedist versions.

Optitex 21	(x64) - InstallShield Wizard	×
?	The installation of Optitex 21 (x64) requires a reboot. Click Yes to restart now or No if you plan to restart later.	
	Yes No	

Once you have all the requirements, the Optitex installation automatically begins. Depending on your permissions, the User Account Control warning may show:

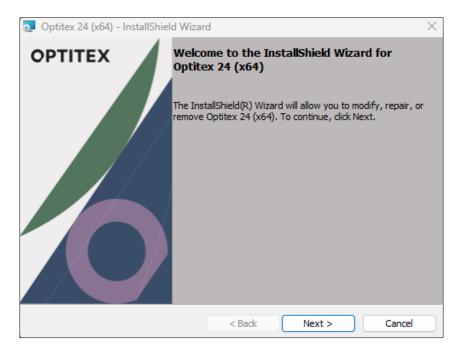


2. Click Yes to proceed.

The InstallShield wizard is preparing:

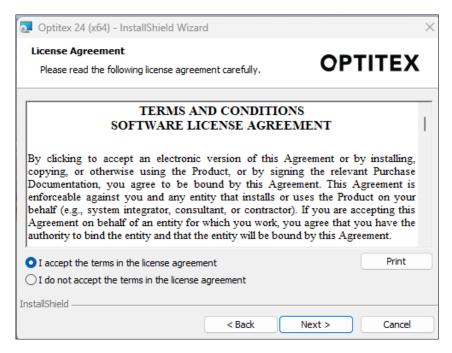
Optitex	24 (x64) - InstallShield Wizard
ځ	Optitex 24 (x64) Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Extract	ing: Optitex 24 (x64).msi
-	Cancel

#### Then the he **Welcome Screen** appears:



3. Click Next.

The License Agreement dialog appears:



- 4. Read the license agreement, then select the I accept the terms in the license agreement radio button. Click Next.
  - The **Customer Information** dialog appears:

Optitex 24 (x64) - InstallShield Wizard	×
Customer Information	ODTITEV
Please enter your information.	OPTITEX
User Name:	
Optitex	
Organization:	
Optitex	
<u>E</u> mail:	
Optitex@optitex.com	
Install this application for:	
• Anyone who uses this computer (all users)	
Only for me (gitai.ashuach)	
InstallShield	
< Back	Next > Cancel

- 5. Enter your personal information including your name, organization and email.
- 5. In the **Install this application for** area, select whether to install the application for anyone who uses this computer, or for the current user only.
- 6. Click Next.

## The **Destination Folder** dialog appears:

💽 Optitex	24 (x64) - InstallShield Wiza	rd		×
	<b>on Folder</b> to install to this folder, or click t folder.	Change to install	<sup>™</sup> OP	TITEX
Þ	Install Optitex 24 (x64) to: C:\Program Files\			Change
InstallShield -		< Back	Next >	Cancel

- 7. To set the installation folder to another location, click **Change** and set a different folder.
- 8. Click **Next** to accept the default folder location, or to proceed after setting a different folder.

## The **Custom Setup** dialog appears:

Optitex 24 (x64) - InstallShield Wizard	×
Custom Setup Select the program features you want installed.	OPTITEX
Click on an icon in the list below to change how a feature is insta	alled.
Optitex Suite	
Nesting Pack	
C Team Viewer	
InstallShield	
< Back	Next > Cancel

- 9. Select the required components:
  - 1. **Optitex Suite**: Installs all Optitex applications.

**Note**: The Optitex Suite is always selected (mandatory).

- 2. Nesting Pack: Select only if you use Nest++2/Nest++Pro (requires an Optitex license).
- 3. Team Viewer: (recommended) Allows you to get online support from Optitex when you need it.

**Note:** If you need to add a component later (e.g., Nesting Pack), you can run the same installation package again, chose **Modify**, and select the required component. If the component was already installed and you unselect it, the installed component will be removed.

#### 10. Click Next.

The **Application Layout Profile & Settings** dialog appears. Here you can decide which type of profile you want to use when opening the PDS and define if you want to copy your settings from the previous version.

**Note:** You can always change the user profile via the **Customization** dialog in PDS later.

Optitex 24 (x64) - InstallShield Wizard	×
Application Layout Profile & Settings Select layout & settings option	OPTITEX
Layout Profile  Simplified  Advanced  Settings Copy Settings from previous Version	on
	< Back Next > Cancel

11. In the Layout Profile area, select one of the following options:

- **Simplified Profile:** This is recommended for new users and includes commonly used tools and options to get you started. (This is the default profile).
- Advanced Profile: This is recommended for advanced users and includes all the tools and options that are available in the PDS.
- 12. In the Settings area, select the Copy Settings from Previous Version checkbox, if you want to copy your settings and customizations from the previous version which is installed on your machine. If you prefer, you can use the Settings Manager tool (a separate application that allows you to specify the exact settings you want to copy). For more information, see <u>Settings Manager Tool</u>.

**Note:** Due to a technical issue, if you want to copy your 3D settings from a previous version, it is recommended you use the Settings Manager tool instead of selecting this checkbox. You must first open PDS, close it and then run the **Settings Manager** tool from the start menu.

13. Click Next.

The **Ready to Install the Program** dialog appears:

💿 Optitex 24 (x64) - InstallShield Wizar	rd		×
Ready to Install the Program The wizard is ready to begin installation	1.	OP	TITEX
Click Install to begin the installation.			
If you want to review or change any of exit the wizard.	f your installation	settings, dick Back.	Click Cancel to
InstallShield			
	< Back	Install	Cancel

#### 14. Click Install.

The installation process starts:

💿 Optitex 2	24 (x64) - InstallShield Wizard	d	-	□ X
_	Optitex 24 (x64) ram features you selected are	being installed.	OPT	ITEX
P	Please wait while the InstallSh take several minutes.	ield Wizard installs	Optitex 24 (x64). Th	nis may
	Status:			
	Copying new files			
InstallShield				
nistanarieu -				
		< Back	Next >	Cancel

Once the installation is complete, the InstallShield Wizard Completed message appears:

Optitex 24 (x64) - InstallShield Wizard	×
OPTITEX InstallShiel	d Wizard Completed d Wizard has successfully installed Optitex 24 sh to exit the wizard.
<	Back Finish Cancel

15. Click Finish.

16. Proceed with <u>activating your license key</u> (if required).

## Installing the 3D Sample Pack

Starting from Version O21, the Sample Pack includes only 3D and is now called **3D Sample Pack**.

The 3D sample pack includes all avatars and miscellaneous items, except for Adam and Eva which are already included in the basic package. It also provides 3D PDS sample files.

Note: The 2D Marker & PDS samples are provided in a separate zipped package on the Optitex <u>downloads</u> page.

This section describes how to install the 3D Sample Pack.

#### To install the 3D Sample Pack:

- 1. Run the downloaded Sample Pack setup file. (Recommended: right click and select **Run as Administrator**).
- 2. The InstallShield Wizard dialog appears and the files are extracted to your computer.



3. Click **Next** to begin the installation.

💽 Optitex 24 3D Sample Pack - InstallShield Wizar	d X			
License Agreement Please read the following license agreement carefully. OPTITEX				
TERMS AND CONDITIONS       SOFTWARE LICENSE AGREEMENT				
By clicking to accept an electronic version of this Agreement or by installing, copying, or otherwise using the Product, or by signing the relevant Purchase Documentation, you agree to be bound by this Agreement. This Agreement is enforceable against you and any entity that installs or uses the Product on your behalf (e.g., system integrator, consultant, or contractor). If you are accepting this Agreement on behalf of an entity for which you work, you agree that you have the authority to bind the entity and that the entity will be bound by this Agreement.				
I accept the terms in the license agreement  I do not accept the terms in the license agreement  I do not accept the terms in the license agreement				
I do not accept the terms in the license agreement InstallShield				
< Back	x Next > Cancel			

The License Agreement dialog appears. Select the I accept the terms in the license agreement radio button, then click Next.

Optitex 24 3D Sample Pack - InstallS	Shield Wizard		×
Ready to Install the Program	_	OP.	ΓΙΤΕΧ
The wizard is ready to begin installation	1.	•.	
Click Install to begin the installation.			
If you want to review or change any of exit the wizard.	f your installation	settings, click Back. (	Click Cancel to
InstallShield			
עוזגנמוסחופוט	< Back	Install	Cancel
	< Dack		Cancel

4. Click **Install** to begin the installation:

🧕 Optitex 2	24 3D Sample Pack - InstallS	hield Wizard	_	
-	Optitex 24 3D Sample Pac ram features you selected are		OP	TITEX
P	Please wait while the InstallSI Pack. This may take several n Status:		Optitex 24 3D Sar	nple
	Copying new files			
InstallShield				
		< Back	Next >	Cancel

5. Once the installation is complete the **InstallShield Wizard Completed** dialog appears. Click **Finish** when you are done.

Optitex 24 3D Sample Pack - InstallShield Wizard	$\times$
OPTITEX InstallShield Wizard Completed The InstallShield Wizard has successfully installed Optitex 24 3D Sample Pack. Click Finish to exit the wizard.	
< Back Finish Cancel	

## Installing the Language Pack

Starting from version 21, the main installation package now comes in English only, without the alternative UI languages. The translations and the language selection utility are installed in a separate package

Note: The instructions in this section are relevant to version 21.0 and above

To install the Language Pack:

- 1. Download the Optitex Language pack installation package.
- 2. Run the file named Optitex\_Language\_Pack.exe . (recommended: right click and select Run as Administrator).

Optitex 24 LanguagePack -	InstallShield Wizard
OPTITEX	Preparing to Install
	Optitex 24 LanguagePack Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Extracting: Optitex 24 LanguagePack.msi
	Cancel

5 Optitex 24 LanguageP	ack - InstallShield Wizard	×
OPTITEX	Welcome to the InstallShield V Optitex 24 LanguagePack	Wizard for
	The InstallShield(R) Wizard will install Op on your computer. To continue, click Nex	
	WARNING: This program is protected by international treaties.	copyright law and
	< Back Next >	Cancel

3. Click **Next** to start the installation.

💿 Optitex 24 LanguagePack - InstallShi	eld Wizard		×
License Agreement Please read the following license agreement carefully. OPTITEX			
TERMS AN SOFTWARE LIG	D CONDIT CENSE AGR		1
By clicking to accept an electronic version of this Agreement or by installing, copying, or otherwise using the Product, or by signing the relevant Purchase Documentation, you agree to be bound by this Agreement. This Agreement is enforceable against you and any entity that installs or uses the Product on your behalf (e.g., system integrator, consultant, or contractor). If you are accepting this Agreement on behalf of an entity for which you work, you agree that you have the authority to bind the entity and that the entity will be bound by this Agreement.			
I accept the terms in the license agreement     Print     I do not accept the terms in the license agreement InstallShield			
1 IS LON 31 IPCIU	< Back	Next >	Cancel

- 4. Click the I accept the terms in the license agreement radio button.
- 5. Click Next.

Ready to Install the Program	ADTITEN
The wizard is ready to begin installation.	OPTITEX
Click Install to begin the installation.	
If you want to review or change any of your installation exit the wizard.	on settings, click Back. Click Cancel to

6. Click **Install** to start the installation.

Once the installation is complete a message appears informing you that the setup was successful:



7. Click Finish.

All alternative user interface languages are new available.

## **Installing a License Server**

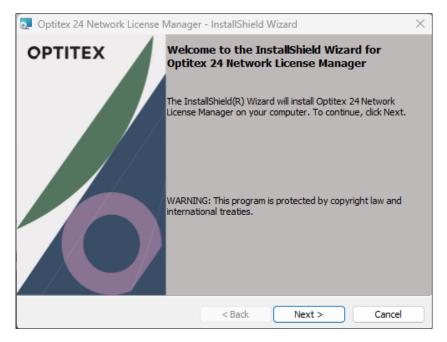
This section describes how to install an Optitex license server and how to activate the license. This package is used when you want to install only the licensing components on a network server (and avoid the full Optitex installation). All the Optitex client machines will get their licenses from this server.

This installation package supports the Optitex physical or a software network key, as well as the advanced nesting key, so the server can also provide nesting licenses over the network when available.

**Note:** The instructions in this section are relevant to version 15.5 and above.

## To install a license server:

- 1. Download the Optitex Network License Manager installation package.
- 2. Run the file named *Optitex Network License Manager.exe.*



3. Click **Next** to start the installation.

Optitex 24 Network License Manage	er - InstallShield \	Wizard	×
License Agreement Please read the following license agreement carefully. OPTITEX			TITEX
TERMS AND CONDITIONS SOFTWARE LICENSE AGREEMENT			
By clicking to accept an electronic version of this Agreement or by installing, copying, or otherwise using the Product, or by signing the relevant Purchase Documentation, you agree to be bound by this Agreement. This Agreement is enforceable against you and any entity that installs or uses the Product on your behalf (e.g., system integrator, consultant, or contractor). If you are accepting this Agreement on behalf of an entity for which you work, you agree that you have the authority to bind the entity and that the entity will be bound by this Agreement.			
I accept the terms in the license agreement     Print     I do not accept the terms in the license agreement			
InstallShield	< Back	Next >	Cancel

- 4. Click the I accept the terms in the license agreement radio button.
- 5. Click Next.

🔂 Optitex 24 Network License Manage	r - InstallShield W	/izard	$\times$
Select feature to install If non of the features selected, will install Licenses manager and OptitexHaspRus		OPT	ITEX
Install Code Meter Driver			
InstallShield			
	< Back	Next >	Cancel

**Note:** Add the Code Meter driver **Only** if you have floating nesting licenses to be provided from the server..

6. Click Next.

Optitex 24 Network License Manager	- InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.		OPTITEX
Click Install to begin the installation.		
If you want to review or change any of y exit the wizard.	our installation settings,	dick Back. Click Cancel to
InstallShield	< Back I	nstall Cancel

7. Click Install to begin the installation.

🛃 Optitex 2	24 Network License Manager	r - InstallShield Wizard	– 🗆 X
-	Optitex 24 Network Licens	-	OPTITEX
The prog	ram features you selected are	being installed.	
1 <del>1</del> 1	Please wait while the InstallSh Manager. This may take seve		x 24 Network License
	Status:		
InstallShield –			
		< Back Ne	ext > Cancel

Once the installation is complete a message appears informing you that the setup was successful:

Optitex 24 Network License Manager - InstallShield Wizard	$\times$
<b>OPTITEX</b> InstallShield Wizard Completed	
The InstallShield Wizard has successfully installed Optitex 24 Network License Manager. Click Finish to exit the wizard.	F
Build: 24.0.0.100 Date: 13.03.2024 < Back Finish Cancel	

8. Click Finish.

You can now activate your license.

The Network license manager files are installed on your computer:

- → ↑ C <u>C:\P</u> r	ogram Files (x86)\Optitex\Optitex N	letwork License Mana	iger
) New ~ 🔏 🖸 C:\P	rogram Files (x86)\Optitex\Optitex I	Network License Man	ager
Name	Date modified	Туре	Size
haspdinst_GWYWG	14/03/2024 1:48 pm	File folder	
apidsp_windows.dll	14/03/2024 12:08 am	Application exten	201 KB
hasp_windows_76826.dll	14/03/2024 12:08 am	Application exten	5,203 KB
hasp_windows_76932.dll	14/03/2024 12:08 am	Application exten	5,203 KB
O LicenseManager.exe	14/03/2024 1:33 am	Application	4,539 KB
NetworkLicenseUtility.exe	18/05/2023 1:58 pm	Application	15.853 KB

## **Activating Your License**

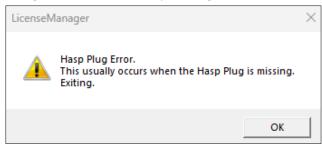
After installing the Optitex network license manager, you should proceed with activating your license. For this you must have either a product key string (provided by Optitex) or a physical key.

To activate your license:

- 1. If you are using hardware (a physical key), insert it into a USB port on your server.
- 2. Wait for the system to accommodate the new USB device. When ready, the key light turns on.
- 3. Run the License Manager:

	Optitex Network License Manager New
0	LicenseManager
Þ	Network License Utility New
3	Uninstall Optitex Network License Manager
3	Optitex OCloud Link
0	Outlook
Р	
٢	
Q Sea	irch 🗾 📕

If you are installing a virtual (software) key for the first time, the following warning will pop up. You can ignore and continue by clicking **OK**.



The License Manager appears:

	Key Number:	0
Module	Name	
PDS	MODULES	
	Digitizing	
	Dynamic Measurement Ch	art
	Grading	
	PDS	
	TechPack	
MAR	KER MODULES	
Innend	Marker	
	Nesting to Separate Block	s
	Print & Cut	
MAR	KER PRO MODULES	
	Lace Marker	
	Match++	
	Shared Lines	
	TING MODULES	
ш	Nest++ 1	
Online /	Activation	
Deaders	+ Kau	
Produc	t Key:	
Offline	Activation	
		Sentinel ACC

- 4. If you are using hardware (a physical) key, you can skip to step 6.
- 5. In the **Software Key** area, enter the **Product Key** string you received from Optitex:

$\mathbf{n}$	Liconco	Manager	22	
<b>U</b>	LICENSE	ivianager	22	

Key Number: 0

 $\times$ 

	Name	=0			
PDS MODULES     Digitizing					
_	Digitizing Dynamic Measurement Chart				
	Grading		Chart		
_	PDS	,			
	TechPa	ck			
	KER MO	DULES			
	Marker				
	Nesting	to Separate Bl	ocks		
	Print &	Cut			
MAR	KER PRO	O MODULES			
	Lace Ma	arker			
	Match+				
	Shared				
		DULES			
	ING MC Nest++				
	Nest++	+ 1			
Online A	Nest++	+ 1	1		
Online A	Nest++ Activatio	+ 1 2e5-44cc-bb23 Activate Licer	1		
Online A Product	Nest++ Activatio	+ 1 2e5-44cc-bb23 Activate Licer	1		
Online A Product	Nest++ Activatio	+ 1 2e5-44cc-bb23 Activate Licer	1		
Online A Product	Nest++ Activatio	+ 1 2e5-44cc-bb23 Activate Licer	nse		

6. Click Activate License.

The activation is processed. The following message appears:

	n 22.0 e Expira	Floating Li ation Date: 6		23	6	18
	-	n Date: 6-3	0-2023			
	e Name					
_	S MODU					I
	Digitiz					I
		mic Measure	ement C	Chart		
✓	Gradi PDS	ng				
▼	Tech	Dack				
		IODULES				
Lie		anager				>
	<u>^</u>	License ins	talled	succes	sfully.	
	<u>^</u>	License ins	talled		sfully. OK	
-	Activa		_			
	Activa e Activa	tion Activate	_			
Online	e Activa	tion Activate	Licens		OK -	

- 7. Click **Ok.** License information is updated accordingly.
- 8. Click **Close** to close the License Manager.

**Note:** if you cannot use online activation (no direct internet connection, or security issues) switch to **Offline Activation.** Go <u>here</u> and look for the instructions for **Offline installation.** 

×

## **Configuring Remote Workstations**

Once you have installed and activated Optitex, you can now configure a remote workstation.

This section contains advanced network licensing information and configuration.

#### The License Server

- The license server is the computer available on the network, on which the network license key is installed.
- This computer distributes the licenses concurrently (at the same time) to the clients via the network, listening to the default port: 1947.
- The server can provide licenses following the license key activation, based on the number of concurrent (floating) licenses available on the key.

## **License Clients**

- The clients need to have the Optitex software package installed.
- The clients get their licenses automatically if they are exposed to the license server via the network.
- In case the clients have a problem getting the license, because of subnets layout or for any other reason, they can be configured to access the server directly.
- The client gets an available license from the server. If all licenses are in use, the client will have to wait until a license is released.

## **Managing and Controlling Your Licenses**

The Thales run-time environment provides a web-based interface to monitor, control and configure your licenses: The <u>Sentinel Admin Control Center</u> (ACC). This is installed by the Optitex package but can also be installed on its own.

Using this interface, you can:

- Verify that your license key installation is intact.
- Verify the number of floating licenses.
- Configure network license server and clients.
- Monitor access and use of products, features and sessions.
- Control and end unneeded sessions.
- Apply license updates.
- And more...

#### Accessing the Sentinel Admin Control Center (ACC)

The Sentinel ACC can be accessed on the server or on the client. It can also be accessed remotely if configured to allow it.



The default communication port of the ACC is port 1947. Unless configured differently, use this port number to access the ACC.

#### To open the ACC:

1. Using any web browser, go to the URL: <u>http://localhost:1947</u>.

#### The ACC for the local machine opens:

Sentinel Adm	nin Control Center
	Admin Control Center Help
Sentinel Keys	Welcome to the Admin Control Center. This application enables you to manage access to software licenses and Features, to control detachable licen: Note: You can select the language in which Admin Control Center is displayed from the bottom of the Options pane.
Products	<ul> <li>&gt; The Admin Control Center enables you to monitor the following:</li> </ul>
Features	<ul> <li>All the Sentinel protection keys that are currently available on the network server, including their identity, type, and location</li> <li>The number of users currently logged into a protection key, and the maximum number of users allowed to be simultaneously logged into that s</li> <li>The Fatures to which each protection key allows access, and any restrictions that apply to the Feature</li> <li>The users who are currently logged into a specific protection key, including detailed login information</li> </ul>
Sessions	Note: SL UserMode keys are only displayed for the local (Windows) machine. SL UserMode keys are not displayed when the configuration parameter
	> You can perform actions, such as:
Update/Attach	Detaching a license from the network and attaching it to your machine or a different recipient machine     Cancelling a detachable license prematurely     Installing an update to a license on a key that is visible in Admin Control Center
Access Log	> You can implement and manage cloud licensing.
Configuration	<ul> <li>You can make basic configuration changes, including.</li> <li>Satting the display refersh time</li> <li>Configuring access permissions from a client machine to a remote server, and configuring a server to allow it to be remotely accessed</li> </ul>
Diagnostics	Defining values for Products with detachable licenses
	> The Diagnostics page enables you to view system information related to the current Sentinel License Manager, and to generate reports.
	Related Topics Security Considerations Cloud Licensing Detaching Licenses - Overview Sentimel Kerg Bondurer

- 2. Select an option from the menu on the left to view/configure/monitor your licenses.
- 3. More information can be found in their **Online Help**.

Whenever clients are having trouble reaching the license server, because of subnets layout or any other reason, it is recommended to point the licensing clients directly to the server.

#### To designate a specific server:

- 1. On the client <u>open</u> the ACC.
- 2. From the **Options** menu, select <u>Configuration</u>.
- On the Configuration for Sentinel License Manager on [Computer\_name] page, select the <u>Access to</u> <u>Remote License Managers</u> tab.
- 4. Clear the Broadcast Search for Remote Licenses checkbox.
- 5. In the Specify Search Parameters box, enter the server computer name or IP address.
  - If more than one server is available put each in a separate line.

Configuration Hos	t Name: desktop-			
Basic Settings	Users	Acces	ss to Remote Lic	ense Managers
Allow Access to Remote I	Licenses	<b>0</b>	You may ex	perience a delay of a fe
Broadcast Search for Ren	note Licenses	0		
Remote License Search F	Parameters	192.168.0.5		
		Submit	Cancel	Set Defaults

## **Applying One Client's Settings to Multiple Clients**

With a large-scale network licensing environment, it may be easier to configure one client successfully first and then apply the same settings to all the clients.

This is done by using the **hasplm.ini** file. You can copy it from the previously configured client and replace the existing file for other clients.

## *To configure multiple clients:*

- 1. On the successfully configured client go to: *C:\Program Filesx86\Common Files\Aladdin Shared\HASP*.
- 2. In this folder, copy the *hasplm.ini* file.
- 3. Replace this file in all clients using the same configuration.

## **Advanced Nesting License Keys runtime Installation**

If **Nesting Pack** was included in your <u>Custom Setup</u>, both **Nest ++ pro** and **Nest ++ 2** Systems are installed silently. No user intervention is required.

## **Separate Installation Packages**

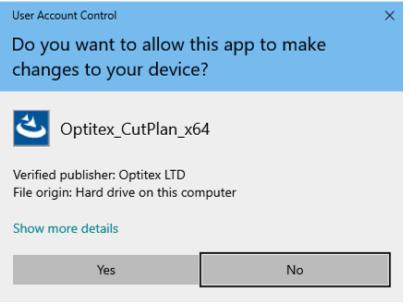
- CutPlan: (requires additional license)
- **2DPlugins** These are extra add-ons (dll files) that can be added to the Optitex program.
- **Runway Viewer** This is a viewer that allows you to view 3D PDS files without having to open them via Optitex.
- **Optitex Viewer** This is a viewer that allows you to open PDS files and view them, as well as view and plot MRK files.
- SDK

## **Installing CutPlan**

CutPlan is a program that allows you to optimize your cutting operations. You need an additional key to work with the CutPlan. Please contact your Optitex representative for more information.

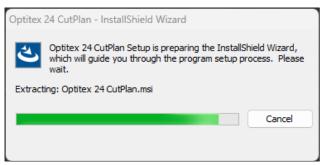
## To install CutPlan:

 Run the downloaded CutPlan setup file. (recommended: right click and select Run as Administrator). Depending on the permissions, the user account control dialog may appear:



2. Click Yes.

The CutPlan InstallShield Wizard dialog appears and all the files are extracted to your machine:



Once the files have been extracted, the CutPlan wizard appears:

Optitex 24 CutPlan - InstallShield Wizard	$\times$
OPTITEX Welcome to the InstallShield Wizard for Optitex 24 CutPlan	
The InstallShield(R) Wizard will install Optitex 24 CutPlan on your computer. To continue, dick Next.	
WARNING: This program is protected by copyright law and international treaties.	
< Back Next > Cancel	

3. Click **Next** to begin the installation procedure.

The **License Agreement** dialog appears. You must accept the terms and license agreement to continue installing.

💽 Optitex 24 CutPlan - InstallShield Wiz	zard				$\times$
License Agreement Please read the following license agreem	nent carefully.		OF	TITEX	(
TERMS AN SOFTWARE LIC					
By clicking to accept an electronic version of this Agreement or by installing, copying, or otherwise using the Product, or by signing the relevant Purchase Documentation, you agree to be bound by this Agreement. This Agreement is enforceable against you and any entity that installs or uses the Product on your behalf (e.g., system integrator, consultant, or contractor). If you are accepting this Agreement on behalf of an entity for which you work, you agree that you have the authority to bind the entity and that the entity will be bound by this Agreement.					
• I accept the terms in the license agreeme • I do not accept the terms in the license a				Print	
InstallShield	< Back		Next >	Cancel	

4. Select the I accept the terms in the license agreement radio button, then click Next.

The **Destination Folder** dialog appears allowing you to define the location of the CutPlan's files:

Optitex	24 CutPlan - InstallShield Wizard	×
Click Nex	ion Folder <pre>kt to install to this folder, or click Change to install to ent folder.</pre>	OPTITEX
	Install Optitex 24 CutPlan to: C:\Program Files\Optitex\CutPlan 24\	Change
InstallShield -	< Back	Next > Cancel

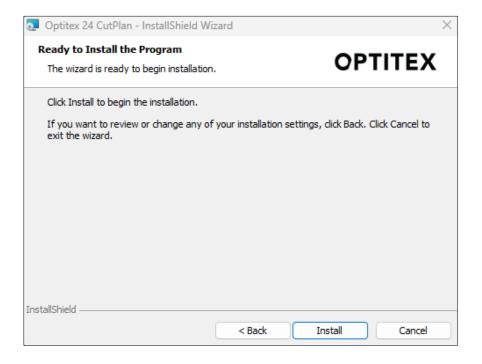
5. To change the file location, click **Change**. Otherwise click **Next** to continue.

Optitex 24 CutPlan - InstallShield Wit	zard		×	
Additional Features Select Additional Features To Install		OP	OPTITEX	
Install Sentinel driver				
Install Code Meter Driver				
InstallShield				
	< Back	Next >	Cancel	

6. If you want to install the **Sentinel Driver** or **Code Meter Driver**, select the appropriate checkboxes and then click **Next**.

**Note:** These are needed only if you use Cutplan with Advanced Nesting, for which additional license is required.

7. Click **Next** to install CutPlan.



The system starts the installation process. You can see the progress of the installation in the **Status** area.

Optitex	24 CutPlan - InstallShield Wi	zard	—	
-	Optitex 24 CutPlan gram features you selected are	being installed.	OPTI	TEX
P	Please wait while the InstallS may take several minutes.	hield Wizard installs C	Optitex 24 CutPlan. Th	is
	Status:			
	Copying new files			
TestellChield				
InstallShield -		< Back	Next >	Cancel

Once the installation is complete the **InstallShield Wizard Completed** dialog appears:

Optitex 24 CutPlan - InstallShield Wizard	$\times$
OPTITEX InstallShield Wizard Completed The InstallShield Wizard has successfully installed Optitex 24 CutPlan. Click Finish to exit the wizard.	ł
< Back Finish Cancel	

8. Click **Finish** to close the wizard.

The CutPlan files are installed in your computer (depending on the type of installation and designated folder):

CutPlan 24	× +			
$\leftarrow  \rightarrow  \downarrow  \bigcirc$	C:\Program Files\Optitex\CutPlan 24			
New ~ 🔏 🖸 C:\Program Files\Optitex\CutPlan 24				
Name	Date modified	Туре		
I haspdinst_GWYWG	14/03/2024 2:41 pm	File folder		
haspdinst_YBZCT	14/03/2024 2:41 pm	File folder		
🛹 📃 Sample Pack	14/03/2024 2:41 pm	File folder		
- 3 2dView.dll	14/03/2024 12:31 am	Application exten		
apidsp_windows.dll	18/05/2023 1:59 pm	Application exten		
apidsp_windows_x6	4.dll 14/03/2024 12:08 am	Application exten		
🔒 AutoNester-T.dll	14/03/2024 12:08 am	Application exten		
AutoNester-T55.dll	14/03/2024 12:08 am	Application exten		
BaseDes.dll	14/03/2024 1:34 am	Application exten		
💰 🛛 🗟 BaseTex.dll	14/03/2024 12:30 am	Application exten		

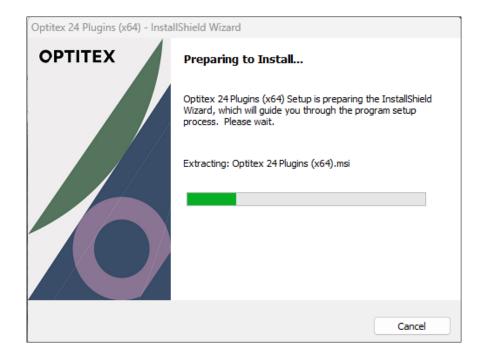
# **Installing Optitex 2D Plugins**

Optitex offers a set of plugins that can be added to the software; for example Marker Viewer, ASTM converter, etc.

### To install Optitex Plugins:

1. Run the downloaded Plugin file. (Recommended: right click and select **Run as Administrator**).

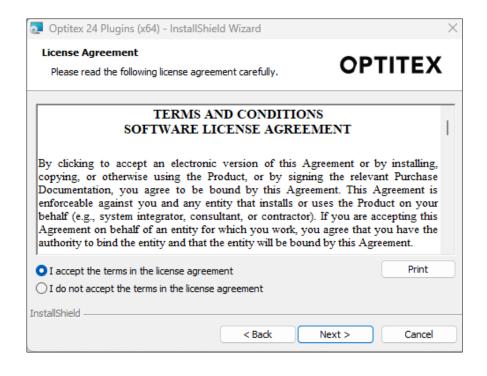
The **Plugins InstallShield Wizard** dialog appears and all the files are extracted to your computer.



🧕 Optitex 24 Plugins (x64) - InstallShie	d Wizard $ imes$
	me to the InstallShield Wizard for ex 24 Plugins (x64)
	tallShield(R) Wizard will install Optitex 24 Plugins (x64) computer. To continue, dick Next.
	IG: This program is protected by copyright law and ional treaties.
	< Back Next > Cancel

2. Click **Next** to start the installation procedure.

The **License Agreement** dialog appears. You must accept the terms and license agreement to continue installing.



- 3. Select the I accept the terms in the license agreement radio button, then click Next.
- 4. Click **Install** to begin the installation:

Optitex 24 Plugins (x64) - InstallShiel	d Wizard		×
Ready to Install the Program			ITEX
The wizard is ready to begin installation		UP	
Click Install to begin the installation.			
If you want to review or change any of exit the wizard.	your installation se	ttings, click Back. C	lick Cancel to
InstallShield			
	< Back	Install	Cancel

Once the installation is complete the InstallShield Wizard Completed dialog appears:

🔁 Optitex 24 Plugins (x64) - InstallShiel	ld Wizard >	<
OPTITEX Instal	IShield Wizard Completed tallShield Wizard has successfully installed Optitex 24 (x64). Click Finish to exit the wizard.	
	< Back Finish Cancel	

5. Click **Finish** when you are done.

All of the plugins are added to your Plugins folder (depending on your designated location for your Optitex files):

📒 Pl	ugins			×	+				
$\leftarrow$	$\rightarrow$	$\uparrow$	C	C:\Pro	ogram F	iles\Op	otitex\Op1	titex 24\App\P	lugins
+ N	ew 🗸	*	C)	Ō	<b>(</b> ]	Ŕ	Û	↑↓ Sort ~	$\equiv$ View $\scriptstyle{\scriptstyle ^{\vee}}$
	Nam	e		^			Date mod	ified	Туре
0	= 3	D					14/03/202	4 11:27 am	File folder
Þ	📒 P	DS					14/03/202	4 11:27 am	File folder
~	<b>=</b> P	LMConn	ector				14/03/202	4 11:27 am	File folder

# **Installing Runway Viewer**

Runway Viewer is included in the full package but can also be installed as a separate application on any computer. No license is needed.

Once you install the Runway Viewer a desktop icon is created so you can easily access it.

## To install the Runway Viewer:

#### 1. Run the downloaded installation file.

Optitex 24 Runway Viewer (x64)	- InstallShield Wizard
OPTITEX	Preparing to Install
	Optitex 24 Runway Viewer (x64) Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Extracting: Optitex 24 Runway Viewer (x64).msi
	Cancel

2. Click **Next** to start installing.

Optitex 24 Runway Viewer (x64) - InstallShield Wizard	$\times$
<b>OPTITEX</b> Welcome to the InstallShield Wizard for Optitex 24 Runway Viewer (x64)	
The InstallShield(R) Wizard will install Optitex 24 Runwa Viewer (x64) on your computer. To continue, dick Next	
WARNING: This program is protected by copyright law international treaties.	and
< Back Next > Car	ncel

## The License Agreement dialog appears.

🔽 Optitex 24 Runway Viewer (x64) - Ins	tallShield Wizar	d	×		
License Agreement Please read the following license agreen	ent carefully.	OPT	ΓΙΤΕΧ		
TERMS AN SOFTWARE LIG	D CONDITI CENSE AGR		1		
By clicking to accept an electronic version of this Agreement or by installing, copying, or otherwise using the Product, or by signing the relevant Purchase Documentation, you agree to be bound by this Agreement. This Agreement is enforceable against you and any entity that installs or uses the Product on your behalf (e.g., system integrator, consultant, or contractor). If you are accepting this Agreement on behalf of an entity for which you work, you agree that you have the authority to bind the entity and that the entity will be bound by this Agreement.					
<ul> <li>I accept the terms in the license agreem</li> <li>I do not accept the terms in the license a</li> </ul>			Print		
InstallShield	< Back	Next >	Cancel		

You must accept to continue with the installation.

- 3. Click **Next** to continue.
- 4. To change the destination folder where all the setup files will be saved, click **Change**; otherwise click **Next**.

🛃 Optitex	24 Runway Viewer (x64) - In:	stallShield Wiza	rd	×
	<b>on Folder</b> tt to install to this folder, or clic nt folder.	k Change to insta	all to <b>OP</b>	TITEX
	Install Optitex 24 Runway Vie C: \Program Files\	:wer (x64) to:		Change
InstallShield -		< Back	Next >	Cancel

5. Click **Install** to start the installation.

Optitex 24 Runway Viewer (x64) - Ins	tallShield Wizard	×
Ready to Install the Program		
The wizard is ready to begin installation.	OPTI	EX
Click Install to begin the installation.		
If you want to review or change any of exit the wizard.	your installation settings, click Back. Click C	ancel to
InstallShield		
	< Back Install	Cancel

6. Wait for the features to be installed.

🛃 Optitex 3	24 Runway Viewer (x64) - Ins	tallShield Wizard	—		$\times$
-	Optitex 24 Runway Viewer gram features you selected are l		OP	TITE	K
12	Please wait while the InstallSh (x64). This may take several r		Optitex 24 Runw	ay Viewer	
	Status:				
InstallShield -					
		< Back	Next >	Cancel	

## 8. Once the installation is complete click **Finish**.

Optitex 24 Runway Viewer (x64) - InstallShield Wizard	$\times$
OPTITEX InstallShield Wizard Completed The InstallShield Wizard has successfully installed Optitex 24 Runway Viewer (x64). Click Finish to exit the wizard.	
< Back Finish Cancel	

The Runway Viewer files are installed in your Optitex folder (Default, if not changed by you): C:\Program Files\Optitex\Runway Viewer 23

# **Installing Optitex Viewer**

Optitex Viewer allows you to view and plot PDS and Marker files without an Optitex license key.

Note: Some additional functionality (e.g. tolerance check, validation mode) is available that requires a license. For more information see:

#### **Optitex Viewer Help**

#### To install the Optitex Viewer:

1. Run the downloaded Optitex Viewer file. (recommended: right click and select **Run as Administrator**).

Optitex 24 2D Viewer (x64) - InstallShield Wizard				
OPTITEX	Preparing to Install			
	Optitex 24 2D Viewer (x64) Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.			
	Extracting: Optitex 24 2D Viewer (x64).msi			
	Cancel			

The **Optitex Viewer InstallShield Wizard** dialog appears and all the files are extracted to your computer.

2. Click **Next** to begin the installation process:



The **License Agreement** dialog appears. You must accept the terms and license agreement to continue installing.

🔁 Optitex 24 2D Viewer (x64) - InstallShie	ld Wizard		$\times$
License Agreement Please read the following license agreeme	nt carefully.	OP	TITEX
TERMS ANI SOFTWARE LICE			1
By clicking to accept an electronic v copying, or otherwise using the Prod Documentation, you agree to be bou enforceable against you and any entity behalf (e.g., system integrator, consulta Agreement on behalf of an entity for we authority to bind the entity and that the	uct, or by s nd by this A y that installs int, or contra hich you work	signing the releva Agreement. This A s or uses the Pro- ctor). If you are a k, you agree that	ant Purchase Agreement is duct on your ccepting this you have the
<ul> <li>I accept the terms in the license agreement</li> </ul>	t		Print
◯ I do not accept the terms in the license ag	reement		

3. Select the I accept the terms in the license agreement radio button, then click Next.

🛃 Optitex	24 2D Viewer (x64) - InstallS	hield Wizard		×
Destination Folder Click Next to install to this folder, or click Change to install to a different folder.		OPT	ΓΙΤΕΧ	
	Install Optitex 24 2D Viewer ( C: \Program Files\	(x64) to:		Change
InstallShield -		< Back	Next >	Cancel

- 4. If you want to change the location where all the files are saved, click **Change**. Otherwise click **Next** to continue.
- 5. Click Install to start installing.

Optitex 24 2D Viewer (x64) - InstallSI	hield Wizard		$\times$
Ready to Install the Program The wizard is ready to begin installation		OPT	ITEX
Click Install to begin the installation.			
If you want to review or change any of exit the wizard.	your installation s	ettings, click Back. Cl	ick Cancel to
InstallShield			
	< Back	Install	Cancel

The installation process begins. You can see the progress of the installation in the **Status** area.

🛃 Optitex 2	24 2D Viewer (хб4) - InstallSl	nield Wizard	_	
_	Optitex 24 2D Viewer (x64 ram features you selected are	-	ΟΡΤΙ	TEX
1	Please wait while the InstallSI (x64). This may take several	nield Wizard installs	Optitex 24 2D Viewer	
	Status:			
	Copying new files			
InstallShield -				
no canol nela -		< Back	Next >	Cancel

Once the installation is complete the **InstallShield Wizard Completed** dialog appears:

🔁 Optitex 24 2D Viewer (x64) - InstallSl	hield Wizard	$\times$
OPTITEX Instal	IShield Wizard Completed tallShield Wizard has successfully installed Optitex 24 er (x64). Click Finish to exit the wizard.	~
	< Back Finish Cancel	

6. Click **Finish** to close the wizard.

The Optitex Viewer is installed in your Optitex folder (Default, if not changed by you): C:\Program Files\Optitex\Optitex Viewer 23

# **Uninstalling Optitex**

If you no longer want Optitex on your computer, you can easily remove it via the Control Panel.

Uninstall to remove a main Optitex version.

1. In the Windows Control panel, go to Programs and Features (or similar, depending on Windows).

The Uninstall or Change a Program dialog opens.

- 2. From the Installed Versions list, select the Optitex version you want to uninstall.
- 3. On the menu, select **Uninstall**.

A confirmation message appears.

4. Click **Yes** to proceed.

Before the software is uninstalled completely an important message appears:

Important - Keep User Related Data	×
If you click YES your Optitex user related data will NOT be removed from your computer. If you click NO, all user related data including: configuration files, registry and licenses will be permanently removed from your computer.	
Yes No	

Here you must decide if you want to keep your user data, including configuration files, registry, and licenses. If you click **YES**, the user data will not be removed. If you click **NO**, the user data will be removed.

5. After you select an option, Optitex is removed from your computer and a successful message appears.



- Alternatively, you can select **Uninstall Optitex [Version#]** in the Optitex group in the Start menu.
- Removing one version will not interfere with other installed versions.
- Some elements need to be removed manually.

## **Silent Installations**

All Optitex installation packages support unattended installation via command line or other means by using MSI (Microsoft Software Installation) technology. Once the installation is complete desktop icons will appear along with the Optitex installation folder and all the appropriate files.

**Note:** It is recommended that a system administrator be involved in setting up the installations.

### **Before the Installation**

- 1. Verify that your system specifications are within the <u>recommended system requirements</u>.
- 2. Check that all prerequisites\_are installed.
- 3. Download and unzip the MSI file and have it ready.

## **General Syntax for Silent Installations**

To install an Optitex product silently use the following syntax:

msiexec /i <<path to file>> /qn

Note: To run the setup with a specific feature: ="<feature name>, <feature name>...")

We support the following features (Case sensitive): Optitex\_Suite NestingPack TeamViewer

For example:

msiexec /i "<MSI\_PATH>\Optitex\_Suite\_23.2.382.0.msi" /qn ADDLOCAL=Optitex\_Suit,TeamViewer /log "<LOG\_PATH>\log.txt"

\*\*This will install the full setup (Optitex\_Suite) with Team Viewer.

If you want to install all features, add all of them.

Example: msiexec /i "<MSI\_PATH>\Optitex\_Suite\_23.2.382.0.msi" /qn ADDLOCAL=Optitex\_Suit,TeamViewer,NestingPack /log "<LOG\_PATH>\log.txt" or

msiexec /i "<MSI\_PATH>\Optitex\_Suite\_23.2.382.0.msi" /qn ADDLOCAL=ALL /log "<LOG\_PATH>\log.txt"

\*\*This will install the full setup, Nesting Pack and Team viwer.

#### To install Optitex via MSI:

- 1. Open CMD (run CMD as Administrator) Or use Run.
- 2. Enter the following command:

msiexec /i "path to file" /qn

3. To add the **Nesting pack**, enter the following command:

"msiexec /i "path to file" /qn ADDLOCAL=Optitex\_Suit,NestingPack.

4. To add **TeamViewer**, enter the following command:

*msiexec /i "path to file" /qn* ADDLOCAL=Optitex\_Suit,TeamViewer.

5. To add a log file, add the following command:

/log "path\_to\_log\_file"

Note: Run Msiexec /help for a list of the available parameters and options.

### Installing a Service Pack (Update) Silently

Optitex services packs are based on the Windows installer patch technology. It is possible to run a silent install of a patch using the following syntax:

"path to SP" /s /v /qn

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