

OptiTex Software Application Read Me

Welcome to OptiTex Version 11!

This document contains the product information, as of its creation date.

For the latest updates, please visit our website <http://www.optitex.com> or to contact your local distributor.

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1. System Requirements

OptiTex™ works on the following operating systems: Windows XP® (SP3), Windows Vista®, and Windows 7®. OptiTex is a native 32 bit application that can also run on a 64 bit OS. Future plans include a formal 64 bit application.

http://www.optitex.com/Help/en/index.php/Hardware:Operating_System_Supported

http://www.optitex.com/Help/en/index.php/Knowledge:OptiTex_Recommended_Requirements

Minimum Requirements for OptiTex 2D solutions:

1. Intel® Pentium® Dual Core®
2. 1 GB Ram
3. 250 GByte hard disk (installation requires approx. 400 MBytes)
4. Optical (DVD/DVDRW) drive (for software installation and backup)
5. 1 free USB port (for dongle connection)
6. Microsoft® Compatible Scroll Mouse
7. Standard Keyboard
8. Extra free USB, LPT or COM ports for any extra hardware (Plotter, Digitizer)
9. Windows XP®, Vista® or Windows 7®
10. 19 inch color monitor

Recommended Requirements for OptiTex 3D usage:

1. Intel® Core® i5-750 / i7-920 or faster or AMD® equivalent.
2. 4 GByte (DDR3 1333Mhz or faster)
3. VGA Card : NVIDIA® GeForce® 9800 / GTS250 series or better
4. 500 GByte hard disk 7200 RPM SATA or better. (installation requires approx. 500 MBytes)
5. 24 inch color monitor
6. Optical DVD/DVDRW drive (for software installation and backup)
7. 2 USB ports
8. Extra free USB, LPT or COM ports for any extra hardware (Plotter, Digitizer)
9. Microsoft® Compatible Scroll Mouse
10. Standard Keyboard
11. Windows XP®, Vista® or Windows 7®

Recommended Requirements for OptiTex Real Time Simulation:

1. Mother board with 2 PCIE x16 lanes
2. NVIDIA® GeForce® GTX 480 card or C2050 Tesla™ card
3. OS has to be 32 XP pro

Notes:

- Any advanced configuration other than the above specified is suitable.
- OptiTex does not recommend a particular brand over another. Only that systems fulfill the requirements specified.
- Please contact support@optitex.com for the latest recommended configurations, as those constantly change.



2. Software Installation

Installing your software

This product is offered subject to your acceptance of the license agreement and to limited warranty terms. Click for the OptiTex Software License Agreement for details.

1. Before you install, close all applications currently running on your system—including other OptiTex applications, Microsoft Office applications, and browser windows. It is also recommended to temporarily turn off virus protection during the installation process.
2. You must have administrative privileges or be able to validate as an administrator.
3. Insert the CD into your computer, and follow the on-screen instructions.
4. If the installer does not launch automatically, navigate to the OptiTex folder found at the root level on the CD and double-click on "Setup11.exe" to start the installation process.

Uninstalling your software

1. Before you uninstall, close all applications currently running on your system—including other OptiTex applications, Microsoft Office applications, and browser windows.
2. Complete the following: Click on the Start button, select "All Programs", select "OptiTex 11" folder and click on "Uninstall OptiTex 11" and then follow the on-screen instructions.

If you are having any issues with installing or uninstalling of your OptiTex applications, please try rebooting your system prior to contacting Support.

3. Software Activation

After installing OptiTex software, you will be required to activate your License key using the following online procedure: http://www.optitex.com/Help/en/index.php/Software_Activation

You must complete this procedure for a new installation, a computer change, a reformatted computer or if you have reinstalled OptiTex.

4. New Features

OptiTex Version 11 software provides users with an array of enhancements and new features.

For an up-to-date and detailed overview of each feature, please visit: http://www.optitex.com/Help/en/index.php/What_Is_New_In_Version_11

Here are a few listings per Module:

Installation and Setup

- **New network protection system (SRM):** Improves service and response time.
- **New multi-core parallel hardware capabilities:** Intel® Core™ i7 Processor and NVIDIA CUDA™ offers dramatically accelerated simulation time.
- **Plugins List:** Manage specific 3D dll Plugins to improve application start-up speed.

Utilities

- **Select Language:** New Language selection utility allows you to easily switch between languages without having to re-install language service packs.

Import/Export

- **New Formats:** Ability to import and export AI or SPF file types as 2D patterns.
- **Use Visible Sizes Only:** Option to export Grading to AAMA and ASTM as per current display.

PDS 11

- **Graphical user interface:** New Grid type design offers easy and intuitive usage.
- **Measurement Chart:** Create a Spec Chart with defined Points of Measurements.
- **Walk Groups:** Group several pieces to be walked together along segments.
- **Reform Pieces to Fan Tool:** Slash & Spread along a contour to create a Fan effect piece.
- **Add Fullness Tool:** New dialog to open multiple parallel Slash lines.
- **Create an Arc Piece:** Create an equal width piece with defined outer/inner dimensions.
- **Move Along Point Tool:** Prolong a segment according to its angle using the Shift key.
- **Arched Darts:** Cut a dart by giving its segments a curved shape.
- **Notch type:** New special U form type for double notches (I-I) on a single point.
- **Variation Grading:** Define numerous size variations to grade in multiple dimensions.
- **Grade by Scale:** Apply grading values by resizing the whole piece by percentage.
- **Manual Grading Toolbar:** New grading tools to manipulate graded points of any size.
- **Create Piece For Selected Size:** Select the exact variation size desired for the piece.
- **Preferences:** Define the default base size name and its numerical size system increment.
- **Change Sizes by Ratio:** Add or modify specific sizes by the ratio of the grading value.
- *And more...*

Modulate 11

- **Automatic Size Selection:** Selects the nearest pattern defined by a critical measurement.
- **Properties window:** Displayed in Grid format, edit and save the PDS Piece information.
- **Style Sets:** New window that allows the handling of several styles of a single PDS file.
- **Reference Contours:** Display the original contour lines before the parametric changes.
- **Adjust Reference:** Reset the Reference contour lines to the last parametric changes.
- **Pivot Dimension Tool:** Defined so that dart edges stay equal regardless of parametric changes.
- **Connect Dimension to Line Tool:** Enables connectivity of an axis line to a dimension.
- **Disconnect Dimension to Line:** Press delete with the connect dimension to line tool.
- *And more...*

Mark 11

- **Extended Size system:** New sizes of the model can be added in the order process
- **Select Sizes from Size Sets:** Lets the user define only the size combinations that are needed.
- **Add Bump Line at the End of the Marker:** Add, hide and delete bump lines via mouse menu.
- **Draw Lines On Marker:** New draft tool to draw lines on areas and sections of the table.
- **Disable Piece Gap Shortcut:** Hold the Alt key when shooting a piece to disable the piece's gap.
- **New filling color method by Style name:** Distinguish between styles via "Colors" dialog box.
- **Stripe definition:** New dialog options to "Store as defaults", "Load defaults" and "Store to file".
- **Relate Piece to Stripe:** The default has changed to 0,0 from the actual piece location.
- **Shared Cut Line for Selected Pieces:** Better user control on pieces with a common cut line.
- **Scale/Shrink by absolute or difference value:** Advanced options to scale a pieces on marker.
- **Hotkey to unfold:** Unfold folded pieces without the need to remove them from the marker.
- **Yield calculation:** The value was added to the status bar and in the custom Excel report.
- **Change Block Fuse Gap:** Change the amount of gap around a selected block fuse.
- **Order for Marker Making:** Change a new size name by typing inside the edit field.
- **Quick Piece Rotation:** Use Hot Keys to rotate selected pieces without the angle dialog box.
- **Split Pieces:** Cut a Marker piece along the split lines defined in the loaded PDS.
- **Default Time Limit for Nesting:** Preference to set the default maximum nesting time.
- *And more...*

3D Runway

- **Graphical user interface:** New Grid type design offers easy and intuitive usage.
- **Preferences:** New Sub-menu to manage preferences for the 3D.
- **Shader Grid:** Assign a single Shader texture to multiple pieces, stitches or buttons.
- **Color Palettes:** Feature to use and manage Adobe Color Palettes (*.aco).
- **Texture Layers:** New feature options to manage layer position of texture images.
- **Shader Manager:** Manage multiple Shaders connected to different parts.
- **Stitch Window:** Manage Stitch information and issue a report for Cost evaluations.
- **Selected Stitch Connection:** Option to view connection of selected Stitch in 2D.
- **Add Custom Location:** Create a list of new locations to position pieces in 3D.
- **3D Shape options:** Fold pieces Left/Right or Up/Down for 3D positioning.
- **3D Folding:** New options to fold pieces for 3D pre-simulation.
- **Group name:** Set groups of pieces on 2D for 3D positioning and shaping.
- **Refresh Cloth:** Command to reset or update the 3D cloth pieces with recent changes.
- **Magic Glove:** Manually modify 3D cloth layout, at interactive rates.
- **Fabric List:** Load new fabric files (FDF) with 3D Fabric Parameters.
- **Advanced 3D Toolbar:** Toolbar with new 3D Tools and Commands.
- **Display Unique Colors:** Discerning view of each 3D cloth pieces in a unique color.
- **Model Properties:** Updated Parametric Avatars with added measurements and options.
- **Import/Export:** Manage models in OBJ, IGES and 3DM formats into OptiTex 3D.
- **Flattening Algorithm:** New option to edit the resistance to Stretch or Shear values.
- **Flattening Path:** 3D Pins follow morphing changes of the parametric mannequin.
- **Use Fast Snapshot mode:** Take advantage of single context display adapters.
- *And more...*

5. Release Notes

For a complete list of new feature requests, fixed bugs and known issues, please refer to:
http://www.optitex.com/Help/en/index.php/Release_Notes_11.0

6. Online Services

Some services require a simple online registration process. Creating an OptiTex™ ID sets up access to the various online services, sends up-to-date product information, training, newsletters, invitations to OptiTex events and seminars. For more details and to review the terms of use and Online Privacy Policy, visit: <http://www.optitex.com/en/legal>

[OptiTex Web Services](#) is a new website offering online access to OptiTex feature products such as the most advanced automated Nesting Service using exclusive Marker Making and Nesting algorithm software to generate high-speed nested layouts that minimize fabric waste.

[OptiTex Data Converting](#) service rapidly converts CAD files from one format to another in seconds and an Import/ Export Service that supports all other major file formats independent of the original software platform.

[OptiTex 3D Virtual Clothing](#) allows retailers and online shopping sites to model their fashion online with a 3D avatar. The site demo was created for customers to visualize what they can do with their own clothing lines. Customers can view the functionality of this application and testing the 3D service. In this demo, the Eva, Adam and Dana avatar models mix and match styles of dresses, woven shirts and skirts with tights.

[OptiTex 3D model creation](#) allows you to visualize your own personalized avatar. Change your measurements easily and in real time and get a virtual avatar with your exact size and features. Use OptiTex online 3D model creation site to visualize your female, male, boy or girl own personalized virtual model.



7. Customer Care

OptiTex Customer Service provides assistance with product information, support plan options, technical resources, sales, registration, and other non-technical issues.

Computer hardware and software technology changes at a very rapid pace. By purchasing the Platinum Plan, customers are kept up to date with the latest version of software at all times, through the use of Service Pack updates. Customers are encouraged to report bugs or request features and OptiTex will include it in the list of changes for future Service Packs.

OptiTex releases up to three Service Packs a year with major new versions every two years. Customers will always be on the latest software version and hardware configuration if you signed for the Platinum Support Plan.

OptiTex is continually creating additional tools and information available online in order to provide customers with flexible options.

To find out how to contact OptiTex Customer Service, please visit http://www.optitex.com/en/contact_us for your region or country and click on the proper Contact link.

8. Help Resources

OptiTex offers seamless connectivity between all of its modules, meaning a smooth workflow without data compatibility issues.

OptiTex can import from almost any PDS system on the market.

A twenty-four hour online customer support hotline, featuring [TeamViewer](#) and extended hours for phone support allows all customer issues to be handled in the timeliest manner possible.

International

Phone: +972 (3) 904-9979

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Email: support@optitex.com

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Phone: +1 (212) 629-9053

Toll free (US & Canada): +1 (877) RING-OPTI (7464-6784)

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Email: support@optitex.com

For complete Help plus instructions and inspirations, go to:

http://www.optitex.com/en/support_download

OptiTex products are sold and supported around the world through certified distributors and OEMs. To learn how much OptiTex costs, please contact your local distributor:

http://www.optitex.com/en/about_us/distributors



9. About OptiTex

OptiTex develops innovative, user-friendly 2D and 3D CAD solutions for all cut-fabric and fashion-related industries. OptiTex solutions are designed to facilitate collaboration among partners throughout the manufacturing process. OptiTex is also active in e-commerce, providing online sales tools to promote branding and customer loyalty. As the industry standard, OptiTex is a cornerstone of design training with installations in universities and educational centers worldwide. OptiTex products are sold and supported around the world through certified distributors and OEMs.

http://www.optitex.com/en/about_us

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Explore and Enjoy!
OptiTex Team



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