



Configure AssistDent® with DentalEye® (Two Plugins to Interface with DentalEye)

N.B. This document was produced using AssistDent v2.1 and DentalEye v3.3.5.

Check the Export Plugin and AutoImport Plugin are Installed

- **STEP 1:** Choose 'Run As Administrator' by right-clicking the DentalEye icon
 - **STEP 2:** Next go to the System Tab -> Preferences -> Click 'Advanced' in lower left corner
 - **STEP 3:** Then go to Security and add the 'Admin Plugins' rights to your user account. Click OK to open the settings.

STEP 4: Check that the 2x DentalEye Plugins are active; Click on the Tools Tab -> Plugin Options

DentalEye 3.3.5 Pro - [TEST PATIENT Danny Dental] Patient Edit File Image Tools System Window Help Ctrl+G Show/Hide grid Delete Del 5 2 Add image frame to template Ctrl+M Show/Edit anatomic descriptions Image cards Developer Ctrl+D EE O 1 10/11/2022 10/11/ 🎛 No Template 9/2/2022 9/2/20 🗐 Unapproved series list Control book Exposure without image Presentation overview F7 Show/Hide analysis tools Show/Hide image tools Customize Simulate X-ray Ctrl+X Plugin options Export Plugin . AutoImport Plugin



Open

/e 3 Open file location Run as administrator Troubleshoot compatibility Pin to Start tif 🕀 Scan with Windows Defender... Pin to taskbar Restore previous versions > Send to Cut Copy Create shortcut Delete Rename Properties AssistDent

AutoImpo	t Plugin ver: 2.0(.39), ain ver: 1.1(.15), (C:\P	, (C:\Program Files (x86)\Denta Program Files (x86)\DentalEye\	IEye\plugins\AutoImport\A Plugins\EXPORT\Exportplug	utolmportPlugin.exe), hWnd: in.exe), hWnd: 132530, ID: 2	132486, ID
STEP the no straig	5: This wine ext steps ta Jht over to	dow confirms tha ke you through t STEP 16 on Pag	at the plugins h he one-time-on e 6 if ready to s	ave been installe ly Plugins setup. start using Assis	d and Skip tDen
The selected r	lugins will load upor	n startup			





DentalEye Export Plugin Configuration

Follow the Below Steps to Configure and Setup the Export Plugin for AssistDent

STEP 6: In 'Administrator Mode' go to Tools Tab -> scroll down menu to Export Plugin -> then to; Setup Export Plugin

DentalEye 3.3.5 Pro - [TEST P.	ATIE	NT Danny Dent	al]			
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						Export to (default): it destination 1 F11
				_		Setup Export Plugin
Properties			:	×	O R	Plugin Into
Object				^		Plugin capabilities









Setup The Export Plugin

STEP 8: In 'Administrator Mode'; input the details as shown below... **Destination description:** AssistDent

Destination path and filename: %USERDESKTOP%\%ID%_%IMGDT%_%IMGID%.TIF Enable \checkmark 'Run this application after export' and paste the following into the box below: 'C:\Program Files\Manchester Imaging Ltd\AssistDent\AssistDent.exe' **Image Format:** 'TIFF (TIF)'

Export destinations:		Selected destination properties	
Export destination 1		Destination description	
AssistDent		AssistDent	
		Destination path and filename	
		(Variables can be used. See user instructions for more info.)	
		%USERDESKTOP%\%ID%_%IMGDT%_%IMGID%.TIF ···	
		Run this application after export:	
		C:\Program Files\Manchester Imaging Ltd\AssistDent\/ •••	
		Selected destination image options	
		TIFF (TIF)]
		Convert 12 and 16 bit grayscale images to 8 bit.	
		Contents of info label	
Add	Delete	No info label 🗸	
Plugin options			
About		OK Cancel	

STEP 9: Click OK to continue to change the settings







AutoImport Plugin Configuration

Follow the Below Steps to Configure and Setup the AutoImport Plugin for AssistDent

STEP 10: In 'Administrator Mode'; Go to Tools -> AutoImport Plugin -> Setup AutoImport Plugin



STEP 11: Click OK to continue to change the settings







Setup the AutoImport Plugin - Add a New Watched Folder

STEP 12: Create a 'Watched	Folder and Filename Pattern', see below example
D. Users the following beyon	anents (Assist Dent (From Assist Dent (*. HFF
	are ticked.
Auto-activate on patient sele	
 Confirm import 	
Preserve file format as far as	possible
Unticked: 'Convert Colour Fi	les to Grayscale' and 'Apply Image Enhancements to
Grayscale Images'	
When done click	
Setup: AutoImport Plugin	×
Watched folders C:\Temp*.TIFF D:\Users\darcy_dentist\Docu Add Delete Plugin Options	Options for selected folder Watched folder and file name pattern \Documents\AssistDent\From AssistDent*.TIFF Auto-activate on patient selection Include subfolders Delete imported files Confirm import Import only files more recent than (s): Preserve file format as far as possible Timestamp from file latest change Image type delivered Sec. Capture SC Convert color files to grayscale Apply image enhancements to grayscale images
Browse import a	Grayscale image enhancement options
Plugin Visible	Bitdepth of delivered image Always reduce to 8 bits/pixel.
About	OK Cancel

Setup AssistDent Auto Export

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🟺 Settings 🛛 🗙	
- Export	
Automatically export annotated image on exit	
Include teeth indicators in exported image	
Exports destination: C:\Users \Your Name \Documents\AssistDent\From AssistDent	
Run command after export	
Path:	
Parameters: Placeholders 🔻	
Send exported image to Dürr VistaSoft (v3.0 and above)	

- STEP 13: Start AssistDent, go to Menu and click on 'Settings'
 STEP 14: Ensure that the following boxes are ticked...
- Automatically export annotated image on exit
- Include teeth indicators in exported image

Exports Destination: D:\Users\YourName\Documents\ AssistDent\From AssistDent (same as STEP 12)

STEP 15: Click OK to save and close AssistDent





Ready to Start Using AssistDent

How to Run the Application

STEP 16: Open DentalEye and select a Bitewing Radiograph to be analysed

- STEP 17: Then click the 'Export to: AssistDent' button in the toolbar
- **STEP 18:** AssistDent automatically opens and starts the analysis



Selected Radiograph Ready to Export



AssistDent Analysed Radiograph

STEP 19: Edit the analysed radiograph as required, using the AssistDent annotation functions, to move position, add, delete as desired - see the downloadable AssistDent User Guide for more information; https://manchester-imaging.com/getting-started/





Import Analysed Bitewing Radiograph

STEP 20: When complete, simply quit AssistDent by clicking on the top right close option **'X'**

STEP 21: DentalEye asks for confirmation that you wish to import the annotated image - click 'Yes' and the final analysed image appears in the 'Patient Image Card' window.



Running AssistDent from DentalEye

Import of Analysed Bitewing Radiograph

Upon completion of analysis, the resulting newly labelled radiograph is imported straight into a Patient's Image Card Menu. **N.B.** The newly imported annotated image may need renaming.

