



# **Configure AssistDent® with VistaSoft®** (A Plugin to Interface with Dürr Dental's VistaSoft)

**N.B.** This document applies to AssistDent v1.7 and above plus VistaSoft v3.0 and above

STEP 1: Open VistaSoft, click the 'Configuration' button 
STEP 2: Click on 'Features' 
STEP 3: At the bottom of the page select the 'Add External Application' button ✓



| 8              | ≞ 🛊 🛃             |                                     |             | Ê 2            | ≞ 🛱 🕁             |                                     | 2 🕼 🕼 🛛     | DÜRR<br>DENTAL |
|----------------|-------------------|-------------------------------------|-------------|----------------|-------------------|-------------------------------------|-------------|----------------|
| No patient reg |                   | Configuration                       | (A)         | No patient reg |                   | Configuration                       |             | [4>            |
|                | Application       | Features                            |             |                | Application       | Features                            |             |                |
|                | Devices           | Practice: Manchester Imaging Ltd    |             |                | Devices           | Practice: Manchester Imaging Ltd    |             |                |
|                | Acquisition types |                                     |             |                | Acquisition types |                                     |             |                |
|                | X-ray stations    | AssistDent                          | activated   |                | X-ray stations    | AssistDent                          | activated   |                |
|                | Interfaces        | Automatic image plate quality check | activated   |                | Interfaces        | ⊘ Configuration                     |             | 🕥 Delete       |
|                | Practices         | Image rotation                      | activated   |                | Practices         | Automatic image plate quality check | activated   |                |
|                | Users             | Nerve canal detection               | Automatic   |                | Users             | Image rotation                      | activated   |                |
|                | Features          | VistaSoft Cloud                     | Not set up  |                | Features          | Nerve canal detection               | Automatic   |                |
|                |                   | VistaSoft Implant & Guide           | deactivated |                |                   | VistaSoft Cloud                     | Not set up  |                |
|                |                   | VistaSoft Trace                     | deactivated |                |                   | VistaSoft Implant & Guide           | deactivated |                |
|                |                   |                                     |             |                |                   | VistaSoft Trace                     | deactivated |                |
|                |                   |                                     |             |                |                   |                                     |             |                |
|                |                   |                                     |             |                |                   |                                     |             |                |
|                |                   | Add external application            |             |                |                   | Add external application            |             |                |

STEP 5: Fill in the following fields; 'External application name' - 'Executable path' - 'Parameter'

| 🚄 VistaSoft 3.0.10   Practice: Manchester Imaging Ltd   User: Admin 🦳 🗇 🗙 |  |  |  |  |   |
|---|--|--|--|--|---|
| Ê & E   | 1 🗟 🛃 🖓                                  | ·   ∨ \V ⊻ ·   ≠                         |  | Ť                                      |   |
| No patient registered   |  |  | Configuration  |  | [4>   |
|   | Application                              | Features > New external application      |  |  |   |
|   | Devices                                  |  | New external application                               |  |   |
|   | Acquisition types                        | DÜRR                                     | Thanks to the external application interface it is pos | sible to integrate third-party softwar | e products directly into VistaSoft.                           |
|   | X-ray stations                           | DENTAL                                   | connected software.                                    | a information can be easily and quict  |   |
|   | Interfaces                               | External application name:               | []   |  | 0   |
|   | Practices Executable path:<br>Parameter: |  |  |  | The value must consist of one or more characters and must not |
|   |  |  |  |  | contain only separators.                                      |
|   | Costurae                                 | Image state:                             | Current ~  |  |   |
|   | reatures                                 | 2D X-ray format:                         | DICOM  | No compression                         | ~   |
|   |  | 3D X-ray format:                         | DICOM  | No compression                         | ~   |
|   |  | Video format:                            | DICOM  | No compression                         | <b>~</b>  |
|   |  | Surface scan format:                     | STL 🗸  |  |   |
|   |  | Anonymisation of the data before export: |  |  |   |
|   |  |  |  |  |   |
|   |  | Cancel                                   |  |  | Add   |
|   |  |  |  |  |   |





## New External Application Settings

STEP 6: Use the following details to copy and paste direct into the box... External application name: AssistDent Executable path: C:\Program Files\Manchester Imaging Ltd\AssistDent\AssistDent.exe Parameter: --image "%PathToFile%" --title "%PatientId% -%PatientFamilyName%,%PatientGivenName%" --sourceId "%ImageUid%"

# **STEP 7:** Once the information is entered to complete click on Save

| L VistaSoft 3.0.10   Practice: 1 | Manchester Imaging Ltd   User: A | dmin                                     |   |  | - 0 ×                               |
|----------------------------------|----------------------------------|--|---|--|-------------------------------------|
| 8                                | \$ 🛃 🖓                           | - \V \V <u>\</u> V -   ≠                 |   | 🖻 🔂 🤤  |                                     |
| No patient registered            |                                  |  | Configuration   |  | [4>                                 |
|                                  | Application                      | Features > AssistDent                    |   |  |                                     |
|                                  | Devices                          |  | AssistDent  |  |                                     |
|                                  | Acquisition types                |  | Thanks to the external application interface it is po<br>With the help of the transfer parameters, images a | ossible to integrate third-party software products din<br>nd information can be easily and quickly transferred | ection to VistaSoft.<br>directo the |
|                                  | X-ray stations                   | DENTAL                                   | connected software.   |  |                                     |
|                                  | Interfaces                       | External application name:               | AssistDent  |  |                                     |
|                                  | Practices                        | Executable path:                         | C:\Program Files\Manchester Imaging Ltd\Assis   | stDent\AssistDent.exe  |                                     |
|                                  | Users                            | Parameter:                               | image "%PathToFile%"title "%PatientId% -%Pa   | tientFamilyName%,%PatientGivenName%"source   | Place, der 🗸                        |
|                                  | Features                         | Image state:                             | Current 🗸   |  |                                     |
|                                  |                                  | 2D X-ray format:                         |   | No compression   | <u> </u>                            |
|                                  |                                  | 3D X-ray format:                         | DICOM   | No compression   | <u> </u>                            |
|                                  |                                  | Video format:                            | DICOM   | No compression   | <u> </u>                            |
|                                  |                                  | Surface scan format:                     | STL ~   |  |                                     |
|                                  |                                  | Anonymisation of the data before export: |   |  |                                     |
|                                  |                                  |  |   |  | Save                                |
|                                  |                                  |  |   |  |                                     |

| A state of the sta |                               | STEP 8: Go to Menu = and       |
|--|-------------------------------|--------------------------------|
|  | Open AssistDent               | click on <b>'Settings'</b>     |
| Settings X   | -                             | <b>STEP 9:</b> Ensure that the |
| Export   |                               | following boxes are all ticked |
| Include teeth indicators in exported image   |                               | Automatically export annotated |
| Exports destination: C:\Users \Your Name \Document   | ts\AssistDent\From AssistDent | image on exit                  |
| Run command after export   |                               |                                |
| Path:  |                               | Include teeth indicators in    |
| Parameters:  | Placeholders 🔻                | exported image                 |
| Send exported image to Dürr VistaSoft (v3.0 and abo  | ve)                           |                                |
|  |                               | Send exported image to Durr    |
|  |                               | VistaSoft (v3.0 and above)     |
|  |                               |                                |
|  |                               | STEP 10: Click OK to save and  |
|  |                               | close AssistDent               |
|  |                               |                                |





# Export to External Application

**STEP 11:** Open VistaSoft and select a Bitewing Radiograph

**STEP 12:** Then click the *'Export image and start external application'* button **STEP 13:** AssistDent automatically opens in the background and starts the analysis









### AssistDent Opens and Analysis Automatically Commences



#### Running AssistDent from VistaSoft

## Import of Analysed Bitewing Radiograph

Upon completion of analysis, the resulting newly labelled radiograph is imported straight into the Patient's folder. **N.B.** Whilst the original radiograph cannot be deleted, it is possible to delete the AssistDent analysed image if necessary, simply by highlighting it and then clicking on the delete button at the top of the screen.

