Contents

[AddROI 5](#_Toc106194693)

[AddCariesROICursorAppearanceChange 5](#_Toc106194694)

[AddCariesROICursorAppearanceReturn 5](#_Toc106194695)

[AddCariesROI 5](#_Toc106194696)

[CommandLineInterface 6](#_Toc106194697)

[PassImage 6](#_Toc106194698)

[PassTitle 6](#_Toc106194699)

[CustomerWorkflowEU 7](#_Toc106194700)

[CannotRegisterInCECountry 7](#_Toc106194701)

[CustomerWorkflowUK 8](#_Toc106194702)

[ShowRegistrationForm 8](#_Toc106194703)

[CanRegisterInUK 8](#_Toc106194704)

[TakePaymentUK 8](#_Toc106194705)

[PurchaseLicenseExtension 8](#_Toc106194706)

[ViewInvoiceUK 8](#_Toc106194707)

[DeleteROI 10](#_Toc106194708)

[DeleteROI 10](#_Toc106194709)

[DeleteROIs 10](#_Toc106194710)

[DesktopLicensing 11](#_Toc106194711)

[CannotRegisterInNonCECountry 11](#_Toc106194712)

[RegisterUser 11](#_Toc106194713)

[ExpiredLicenceRestrictsAccess 11](#_Toc106194714)

[ExpiredLicenceRedirectsToUpgrade 11](#_Toc106194715)

[ManualUpgradeAvailable 11](#_Toc106194716)

[ManualUpgradeLinksToStore 11](#_Toc106194717)

[ValidLicence 12](#_Toc106194718)

[DisplayLicence 12](#_Toc106194719)

[EnterNewLicenceKey 12](#_Toc106194720)

[EnterNewLicenceKeyNewProduct 12](#_Toc106194721)

[ConfigureTrialPeriod 13](#_Toc106194722)

[EnterInvalidKey 13](#_Toc106194723)

[EnterValidKey 13](#_Toc106194724)

[ConfigureMaxMachines 13](#_Toc106194725)

[DisplayImage 14](#_Toc106194726)

[DisplayImage 14](#_Toc106194727)

[DragAndDropExport 15](#_Toc106194728)

[ShowDragCursor 15](#_Toc106194729)

[DraggedExportFilename 15](#_Toc106194730)

[CanDropIntoOtherAppEnamelOnly 15](#_Toc106194731)

[CanDropIntoOtherAppEnamelAndDentine 15](#_Toc106194732)

[DragAndDropImport 16](#_Toc106194733)

[AcceptDraggedImage 16](#_Toc106194734)

[HandleNonImage 16](#_Toc106194735)

[IgnoreMultipleImages 16](#_Toc106194736)

[EnableDentine 17](#_Toc106194737)

[ChangeDentineDisplay 17](#_Toc106194738)

[ShowDentineCaries 17](#_Toc106194739)

[HideDentineCaries 17](#_Toc106194740)

[AllowAssignmentOfDentineGrades 17](#_Toc106194741)

[DenyAssignmentOfDentineGrades 17](#_Toc106194742)

[FolderWatcher 18](#_Toc106194743)

[StartsAutomaticallyAndRunsInSystemTray 18](#_Toc106194744)

[AutomaticallyAnalyzes 18](#_Toc106194745)

[DisableAnalysis 18](#_Toc106194746)

[ConfigureWatchedFolder 18](#_Toc106194747)

[IgnoreMultipleFiles 18](#_Toc106194748)

[GenerateAndViewFeedback 19](#_Toc106194749)

[AccessSupport 19](#_Toc106194750)

[ImageExport 20](#_Toc106194751)

[ExportImageButton 20](#_Toc106194752)

[ExportROIsEnamelOnly 20](#_Toc106194753)

[ExportROIsEnamelAndDentine 20](#_Toc106194754)

[ExportToNewLocation 20](#_Toc106194755)

[ExportHasUniqueName 20](#_Toc106194756)

[ExportCreatedOnExit 20](#_Toc106194757)

[SnapshotImage 21](#_Toc106194758)

[RunCommandAfterExport 21](#_Toc106194759)

[ExportToVistaSoft 21](#_Toc106194760)

[ExportAs 21](#_Toc106194761)

[ExportAsCancel 21](#_Toc106194762)

[ImageMagnifer 22](#_Toc106194763)

[ShowMagnifer 22](#_Toc106194764)

[MoveMagnifer 22](#_Toc106194765)

[HideAnnotationInMagnifer 22](#_Toc106194766)

[LegalInformationPage 23](#_Toc106194767)

[CanAccessClinicalUse 23](#_Toc106194768)

[CanAccessInstructionsForUse 23](#_Toc106194769)

[OpenImage 24](#_Toc106194770)

[OpenImage 24](#_Toc106194771)

[OpenImage 24](#_Toc106194772)

[DontOpenNonImage 24](#_Toc106194773)

[CancelOpenImage 24](#_Toc106194774)

[OpenSecondImage 24](#_Toc106194775)

[ProgressDisplay 25](#_Toc106194776)

[ShowAnalysisFeedback 25](#_Toc106194777)

[RepositionROI 26](#_Toc106194778)

[MoveAndDragROI 26](#_Toc106194779)

[MoveROI 26](#_Toc106194780)

[FlipROI 26](#_Toc106194781)

[FlipROIs 26](#_Toc106194782)

[ROIIndicator 27](#_Toc106194783)

[ROIIndicators 27](#_Toc106194784)

[ROIArrows 27](#_Toc106194785)

[ROIEasilySeen 27](#_Toc106194786)

[ROIGrades 27](#_Toc106194787)

[EditCariesGrade 27](#_Toc106194788)

[SeeWhatsNew 28](#_Toc106194789)

[SeeWhatsNewOnStartup 28](#_Toc106194790)

[SeeWhatsNewAllVersions 28](#_Toc106194791)

[SeeWhatsNewAllVersions 28](#_Toc106194792)

[DimissAndDontShowAgain 28](#_Toc106194793)

[SeeWhatsNewAfterStartup 28](#_Toc106194794)

[ShellIntegration 29](#_Toc106194795)

[OpenWith 29](#_Toc106194796)

[DontOpenNonImage 29](#_Toc106194797)

[DontOpenMultipleImages 29](#_Toc106194798)

[OpenWith 29](#_Toc106194799)

[DontOpenNonImage 29](#_Toc106194800)

[DontOpenMultipleImages 29](#_Toc106194801)

[ToggleAnnotation 30](#_Toc106194802)

[HideImageAnnotation 30](#_Toc106194803)

[RestoreImageAnnotation 30](#_Toc106194804)

[ToothIndicator 31](#_Toc106194805)

[ToothIndicators 31](#_Toc106194806)

[EditToothQuadrant 31](#_Toc106194807)

[EditToothNumber 31](#_Toc106194808)

[UpdateClient 32](#_Toc106194809)

[UpdateNotAvailable 32](#_Toc106194810)

[UpdateAvailable 32](#_Toc106194811)

[UpdateLinksToDownload 32](#_Toc106194812)

[IgnoreLatestVersion 32](#_Toc106194813)

[HideNotificationsForIgnoredLatestVersion 32](#_Toc106194814)

[ShowNotificationsAfterIgnoringPreviousRelease 32](#_Toc106194815)

# AddROI

*(Tags: @FR, @FR008, @UR008, @Analysis)*

## AddCariesROICursorAppearanceChange

*(Tags: @FR008-1, @UR008-1)*

**Given** I have submitted an image

**When** click the Add ROI button

**Then** the Add ROI button changes appearance

**And** the Cursor changes appearance to a crosshair

## AddCariesROICursorAppearanceReturn

*(Tags: @FR008-2, @UR008-1)*

**Given** I have selected the Add ROI Button

**When** I hit select the Add ROI button again or any other button

**Then** the Add ROI button changes appearance back to original

**And** the Cursor changes appearance back to default

## AddCariesROI

*(Tags: @FR008-3, @UR008-1)*

**Given** I have selected the Add ROI Button

**When** I move the cursor to the image and click

**Then** a new ROI is display with the arrow point at the mouse click

**And** pointing away from the nearest tooth centre

**And** the grade of the ROI is unknown

**And** the Add ROI button changes appearance back to original

**And** the Cursor changes appearance back to default

# CommandLineInterface

*(Tags: @FR, @FR026, @UR024, @Integration, @DesktopOnly)*

## PassImage

*(Tags: @FR026-1, @UR024-1)*

**When** I request AssistDent from the command line

**And** the --image option is set to "image8.tif"

**Then** AssistDent starts

**And** the image analyzed is "image8.tif"

## PassTitle

*(Tags: @FR026-2, @UR024-1)*

**When** I request AssistDent from the command line

**And** the --title option is set to "Developer/Dave"

**Then** AssistDent starts

**And** the window title contains the text "Developer/Dave"

# CustomerWorkflowEU

*(Tags: @FR, @FR031, @UR029, @Admin, @DesktopOnly)*

## CannotRegisterInCECountry

*(Tags: @FR031-1, @UR029-1)*

**Given** no licence exists for the current machine

**And** I start Assistdent

**And** the user registration form is displayed

**When** I enter valid details

**And** I select "Germany" for the country

**Then** I cannot register

**And** AssistDent does not start

# CustomerWorkflowUK

*(Tags: @FR, @FR030, @UR028, @Admin, @DesktopOnly)*

## ShowRegistrationForm

*(Tags: @FR030-1, @UR028-1)*

**Given** no licence exists for the current machine

**When** I start Assistdent

**Then** the user registration form is displayed

## CanRegisterInUK

*(Tags: @FR030-2, @UR028-1)*

**Given** no licence exists for the current machine

**And** I start Assistdent

**And** the use registration form is displayed

**When** I enter valid details

**And** I select <country> for the country

**Then** the registration is successful

**And** AssistDent starts

### Examples:

|  |
| --- |
| country |
| England |
| Wales |
| Scotland |

## TakePaymentUK

*(Tags: @FR030-3, @UR028-2)*

**Given** I have register a trial licence for a UK user

**When** I access the purchase licence page

**And** choose the default price

**Then** the payment is in GBP

**And** UK VAT is applied

## PurchaseLicenseExtension

*(Tags: @FR030-4, @UR028-3)*

**When** I choose the Purchase Upgrade menu option

**And** I fill in my payment details

**And** I complete the purchase

**And** I restart the desktop app

**Then** the license period is extended by the amount specified for the purchased product

## ViewInvoiceUK

*(Tags: @FR030-5, @UR028-5)*

**Given** I have paid for a subscription for a UK user

**When** I access my billing portal

**Then** I can view an invoice for each month

**And** the invoice contains the price paid

**And** the invoice contains the customer name and address

**And** the invoice contains the VAT amount

**And** the invoice contains the MIL VAT number

# DeleteROI

*(Tags: @FR, @FR006, @UR006, @Analysis)*

## DeleteROI

*(Tags: @FR006-2, @UR006-1)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I select an ROI

**And** click the delete button corresponding to that image

**Then** the selected caries ROI will be deleted

## DeleteROIs

*(Tags: @FR006-3, @UR006-1)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I select 2 or more ROIs

**And** click the delete button corresponding to that image

**Then** the selected caries ROIs will be deleted

# DesktopLicensing

*(Tags: @FR, @FR027, @UR025, @Admin, @DesktopOnly)*

## CannotRegisterInNonCECountry

*(Tags: @FR027-1, @UR025-2)*

**Given** no licence exists for the current machine

**And** I start Assistdent

**And** the use registration form is displayed

**When** I enter valid details

**And** I select "United States" for the country

**Then** the registration is unsuccesful

**And** AssistDent does not start

## RegisterUser

*(Tags: @FR027-2, @UR025-3)*

**Given** no licence exists for the current machine

**When** I start the desktop app

**Then** the user registration form is displayed

**When** I enter the registration details

**Then** the desktop app starts

## ExpiredLicenceRestrictsAccess

*(Tags: @FR027-3, @UR025-5)*

**Given** a licence exists for the current machine

**And** the licence is expired

**When** I start the desktop app

**Then** a message tells me to upgrade

## ExpiredLicenceRedirectsToUpgrade

*(Tags: @FR027-4, @UR025-5)*

**Given** a trial licence exists for the current machine

**And** the licence is expired

**When** I start the desktop app

**Then** the upgrade trial licence web page is displayed

## ManualUpgradeAvailable

*(Tags: @FR027-5, @UR025-5)*

**Given** a licence exists for the current machine

**And** the licence is not expired

**When** I start the desktop app

**Then** the menu includes an option to upgrade

## ManualUpgradeLinksToStore

*(Tags: @FR027-6, @UR025-5)*

**Given** a licence exists for the current machine

**And** the licence is not expired

**And** I have started the desktop app

**When** I choose the menu option "Upgrade Licence"

**Then** the upgrade trial licence web page is displayed

**And** the choice of upgrade options is approriate to my country

## ValidLicence

*(Tags: @FR027-7, @UR025-6)*

**Given** a licence exists for the current machine

**And** the licence is not expired

**When** I start the desktop app

**Then** the desktop app opens

## DisplayLicence

*(Tags: @FR027-8, @UR025-6)*

**Given** a licence exists for the current machine

**And** the licence is not expired

**When** I open the About Box

**Then** the licence key is displayed

**And** the licence expiry date is displayed

**And** the licensee is displayed

## EnterNewLicenceKey

*(Tags: @FR027-9, @UR025-7)*

**Given** a licence exists for the current machine

**And** the licence is not expired

**And** I have started the desktop app

**When** I open the About Box

**And** I click Enter Key

**And** I enter a new valid key from the same CryptoLens product

**Then** the key is accepted

**When** I restart the application

**Then** the application restarts

## EnterNewLicenceKeyNewProduct

*(Tags: @FR027-10, @UR025-7)*

**Given** a licence exists for the current machine

**And** the licence is not expired

**And** I have started the desktop app

**When** I open the About Box

**And** I click Enter Key

**And** I enter a new valid key prefixed with a new product id in the form "{product-id}:{licence-key}"

**Then** the key is accepted

**When** I restart the application

**Then** the application restarts

## ConfigureTrialPeriod

*(Tags: @FR027-11, @UR025-8)*

**Given** no licence exists for the current machine

**When** I configure the store app to generate a <num1> day(s) licence

**And** I register for a trial licence

**Then** the licence expiry date can be seen in the application

**And** the expiry date is in <num2> day(s)

### Examples:

|  |  |
| --- | --- |
| num1 | num2 |
| 1 | 1 |
| 7 | 7 |

## EnterInvalidKey

*(Tags: @FR027-12, @UR025-9)*

**Given** no licence exists for the current machine

**When** I choose to enter a licence key

**And** I enter an invalid licence key

**Then** the application does not start

## EnterValidKey

*(Tags: @FR027-13, @UR025-10)*

**Given** no licence exists for the current machine

**When** I choose to enter a licence key

**And** I enter a valid licence key

**Then** the application starts

**And** the key and registered user can be seen in the About Box

## ConfigureMaxMachines

*(Tags: @FR027-14, @UR025-11)*

**Given** no licence exists for the current machine

**When** I configure the store app to generate a licence for <max> machines

**And** I register a trial licence

**Then** the licence created, when viewed in CryptoLens, is activated for 1 of <max> machines

# DisplayImage

*(Tags: @FR, @FR001, @UR001, @Analysis)*

The image shall be displayed on screen

## DisplayImage

*(Tags: @FR001-1, @UR001-1)*

**Given** a bitewing image

**When** submitted for analysis

**Then** the bitewing image is displayed on screen

# DragAndDropExport

*(Tags: @FR, @FR038, @UR036, @Analysis, @DesktopOnly)*

## ShowDragCursor

*(Tags: @FR037-01, @UR036-01)*

**Given** an image has been analyzed in AssistDent

**When** I click and drag the right-mouse button

**Then** the cursor is updated to show I am dragging something

## DraggedExportFilename

*(Tags: @FR037-02, @UR036-01)*

**Given** an image has been analyzed in AssistDent

**When** I click and drag the right-mouse button

**And** drop the image onto an app which supports drag and drop operations

**Then** a file appears in the app

**And** the filename incorporates the filename of the original image file

## CanDropIntoOtherAppEnamelOnly

*(Tags: @FR037-03, @UR036-01)*

**Given** an image has been analyzed in AssistDent which contains enamel and dentine caries

**And** include dentine caries is unchecked

**When** I click and drag the right-mouse button

**And** drop the image onto an app which supports drag and drop operations

**Then** a file appears in the app

**And** the file contains the x-ray image

**And** the file contains the enamel caries annotations and NOT the dentine annotations

## CanDropIntoOtherAppEnamelAndDentine

*(Tags: @FR037-04, @UR036-01)*

**Given** an image has been analyzed in AssistDent which contains enamel and dentine caries

**And** include dentine caries is checked

**When** I click and drag the right-mouse button

**And** drop the image onto an app which supports drag and drop operations

**Then** a file appears in the app

**And** the file contains the x-ray image

**And** the file contains the enamel caries annotations and the dentine annotations

# DragAndDropImport

*(Tags: @FR, @FR037, @UR035, @Analysis, @DesktopOnly)*

## AcceptDraggedImage

*(Tags: @FR037-01, @UR035-01)*

**Given** AssistDent is started

**When** I drag and image from another application

**And** drop the image into AssistDent

**Then** the image is loaded and analyzed

## HandleNonImage

*(Tags: @FR037-02, @UR035-01)*

**Given** AssistDent is started

**When** I drag a non-image file from another application

**And** drop the file into AssistDent

**Then** nothing happens

## IgnoreMultipleImages

*(Tags: @FR037-03, @UR035-01)*

**Given** AssistDent is started

**When** I drag 2 or more images from another application

**And** drop the files into AssistDent

**Then** nothing happens

# EnableDentine

*(Tags: @FR, @FR039, @UR037, @Analysis, @DesktopOnly)*

## ChangeDentineDisplay

*(Tags: @FR039-01, @UR036-01)*

**Given** I open the settings window

**And** change the option to include dentine caries

**When** I restart AssistDent

**And** open the settings window

**Then** my preference has been remembered

## ShowDentineCaries

*(Tags: @FR039-02, @UR036-01)*

**Given** I have enabled the display of caries using the settings window

**When** I open an image containing both enamel and dentine caries

**Then** the dentine caries are indicated

**And** the enamel caries are indicated

## HideDentineCaries

*(Tags: @FR039-03, @UR036-02)*

**Given** I have disabled the display of caries using the settings window

**When** I open an image containing both enamel and dentine caries

**Then** the dentine caries are not indicated

**And** the enamel caries are indicated

## AllowAssignmentOfDentineGrades

*(Tags: @FR039-04, @UR036-01)*

**Given** I have enabled the display of dentine caries using the settings window

**And** I open an image containing both enamel and dentine caries

**And** dentine caries are indicated

**When** I left-click on a dentine caries roi

**Then** the grades menu is displayed

**And** the grade can be set to D3 or D4

## DenyAssignmentOfDentineGrades

*(Tags: @FR039-04, @UR036-02)*

**Given** I have disabled the display of dentine caries using the settings window

**And** I open an image containing enamel caries

**When** I left-click on a caries roi

**Then** the grades menu is displayed

**And** the grade cannot be set to D3 or D4

# FolderWatcher

*(Tags: @FR, @FR033, @UR030, @Admin, @DesktopOnly)*

## StartsAutomaticallyAndRunsInSystemTray

*(Tags: @FR033-01, @UR030-02)*

**When** I log in to Windows

**Then** the Folder Watcher starts automatically

**And** an app appears in the system tray

## AutomaticallyAnalyzes

*(Tags: @FR033-02, @UR030-01)*

**Given** the folder watcher is enabled

**When** I copy an image file to the watched folder

**Then** AssistDent automatically starts and analyzes the image

## DisableAnalysis

*(Tags: @FR033-03, @UR030-03)*

**Given** the folder watcher is enabled

**When** I access the settings via the system tray app

**And** disable "automatic assist"

**And** I copy an image file to the watched folder

**Then** AssistDent does not start automatically

## ConfigureWatchedFolder

*(Tags: @FR033-04, @UR030-04)*

**Given** the folder watcher is enabled

**When** the folder watcher is configured to watch a new folder

**Then** the new folder is displayed

**When** I copy an image file to the previously watched folder

**Then** AssistDent does not start automatically

**When** I copy an image file to the watched folder

**Then** AssistDent automatically starts and analyzes the image

## IgnoreMultipleFiles

*(Tags: @FR033-05, @UR030-01)*

**Given** the folder watcher is enabled

**When** I copy 2 or more image files at once to the folder

**Then** AssistDent does not start

**And** an informative message is displayed

# GenerateAndViewFeedback

*(Tags: @FR, @FR022, @UR020, @UR021, @Admin)*

## AccessSupport

*(Tags: @FR022-7, @UR021-3, @DeskopOnly)*

**Given** I am using AssistDent

**When** I choose the contact support option from the main dropdown menu

**Then** I am directed to the support page

# ImageExport

*(Tags: @FR, @FR034, @UR031, @Analysis, @DesktopOnly)*

## ExportImageButton

*(Tags: @FR034-01, @UR031-01)*

**Given** I have performed caries detection

**When** I click the Export button

**Then** an image file is created

**And** that image contains the source X-Ray and annotated caries ROIs

## ExportROIsEnamelOnly

*(Tags: @FR034-02, @UR031-01)*

**Given** I have performed caries detection on an image containing dentine caries

**And** include dentine caries is unchecked

**When** I click the Export button

**Then** an image file is created

**And** that image contains the source X-Ray and annotated enamel caries ROIs

**And** dentine caries ROI are NOT displayed

## ExportROIsEnamelAndDentine

*(Tags: @FR034-03, @UR031-01)*

**Given** I have performed caries detection on an image containing dentine caries

**And** include dentine caries is checked

**When** I click the Export button

**Then** an image file is created

**And** that image contains the source X-Ray and annotated enamel caries ROIs

**And** dentine caries ROI are displayed

## ExportToNewLocation

*(Tags: @FR034-04, @UR031-01)*

**Given** I have performed caries detection

**And** I configure the export to be created in a new folder

**When** I click the Export button

**Then** an image file is created in the new location

**And** that image contains the source X-Ray and annoted caries ROIs

## ExportHasUniqueName

*(Tags: @FR034-05, @UR031-01)*

**Given** I have performed caries detection

**When** I click the Export button

**Then** an image file is created

**And** that image file has a unique name based on the date and time

**And** that name of the original input image is included in the name

## ExportCreatedOnExit

*(Tags: @FR034-06, @UR031-02)*

**Given** I have performed caries detection

**And** I have configured AssistDent to export the image on exit

**When** I close AssistDent

**Then** an image file is created

**And** that image contains the source X-Ray and annoted caries ROIs

## SnapshotImage

*(Tags: @FR034-07, @UR031-03)*

**Given** I have performed caries detection

**When** I click the Snapshot button

**Then** an image file is copied to the clipboard

**And** that image contains the source X-Ray and annoted caries ROIs

## RunCommandAfterExport

*(Tags: @FR034-08, @UR031-04)*

**Given** I have performed caries detection

**And** I have configured AssisDent to run a command after export

**When** I click the Export button

**Then** the export is created

**And** the configured command is executed

## ExportToVistaSoft

*(Tags: @FR034-09, @UR031-04)*

**Given** I have performed caries detection

**And** I have configured AssisDent to send to VistaSoft after export

**When** I click the Export button

**Then** the export is created

**And** the image appears alongside the parent image in VistaSoft

## ExportAs

*(Tags: @FR034-10, @UR031-01)*

**Given** I have performed caries detection

**When** I click the ExportAs option

**Then** the file save dialog opens

**And** the export image file is created

**And** the export image file is in the specified folder with the specified filename

## ExportAsCancel

*(Tags: @FR034-11, @UR031-01)*

**Given** I have performed caries detection

**When** I click the ExportAs option

**And** I choose the cancel button

**Then** no export image file is created

# ImageMagnifer

*(Tags: @FR, @FR004, @UR004, @Analysis)*

With the mouse button held down, the section of the image directly under the mouse pointer will be zoomed to 3x magnification

## ShowMagnifer

*(Tags: @FR004-1, @UR004-1)*

**Given** a bitewing image displayed on screen

**When** I hover the mouse pointer over a location in the image

**And** I hold the mouse button down

**Then** the magnifier should be displayed

**And** the image location should be displayed at 3x magnification

## MoveMagnifer

*(Tags: @FR004-2, @UR004-1)*

**Given** a bitewing image displayed on screen

**And** the magnifier is currently displayed

**When** I move the mouse pointer to another location in the image

**Then** the image location should be updated

## HideAnnotationInMagnifer

*(Tags: @FR004-3, @UR004-2)*

**Given** a bitewing image displayed on screen

**And** the magnifier is currently displayed

**And** the magnifer is positioned over an annotation

**Then** no annotation should be displayed in the magnification

# LegalInformationPage

*(Tags: @FR, @FR015, @UR015, @Labelling)*

## CanAccessClinicalUse

*(Tags: @FR015-2, @UR015-1, @DesktopOnly)*

**When** I open the About menu option

**Then** a tab of clinical use is displayed

**And** it contains the clinical use information

## CanAccessInstructionsForUse

*(Tags: @FR015-4, @UR015-2, @DesktopOnly)*

**When** I open the User Instructions menu option

**Then** the Instructions for Use is displayed in electronic format

**And** it contains the clinical use information

# OpenImage

*(Tags: @FR, @FR036, @UR034, @Admin, @DesktopOnly)*

## OpenImage

*(Tags: @FR035-01, @UR034-01)*

**Given** I have started AssistDent from the desktop shortcut

**When** I select an image

**Then** the selected image opens in AssistDent

## OpenImage

*(Tags: @FR035-01, @UR034-02)*

**Given** I have started AssistDent from the start menu

**When** I select an image

**Then** the selected image opens in AssistDent

## DontOpenNonImage

*(Tags: @FR035-02, @UR034-03)*

**Given** I have started AssistDent from the desktop shortcut

**When** I select a text file

**Then** an error message is displayed

## CancelOpenImage

*(Tags: @FR035-03, @UR034-03)*

**Given** I have analysed an image in AssistDent

**When** I click the Browse Image button

**And** click cancel

**Then** the previous image is still active

## OpenSecondImage

*(Tags: @FR035-04, @UR034-03)*

**Given** I have analysed an image in AssistDent

**When** I click the Open Image button

**And** select an image

**Then** the selected image opens in AssistDent

# ProgressDisplay

*(Tags: @FR, @FR028, @UR026, @Analysis, @DesktopOnly)*

## ShowAnalysisFeedback

*(Tags: @FR028-1, @UR026-1)*

**When** I submit an image for analysis

**Then** the app displays status updates

**And** the updates are clearly visible

# RepositionROI

*(Tags: @FR, @FR009, @UR009, @Analysis)*

## MoveAndDragROI

*(Tags: @FR009-1, @UR009-1)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I click and drag an ROI

**Then** the ROI and caries grade label will move with the mouse

**And** the ROI selection status will remain unchanged

## MoveROI

*(Tags: @FR009-2, @UR009-1)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I click and drag an ROI

**And** move the mouse

**And** release the mouse

**Then** the ROI and grade label will stay at its new location

**And** the ROI selection status will remain unchanged

## FlipROI

*(Tags: @FR009-3, @UR009-2)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I select an ROI

**And** click the flip button corresponding to that image

**Then** the selected caries ROI will be flipped

**And** the ROI will remain selected

## FlipROIs

*(Tags: @FR009-4, @UR009-2)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I select 2 or more ROIs

**And** click the flip button corresponding to that image

**Then** the selected caries ROIs will be flipped

**And** the ROIs will remain selected

# ROIIndicator

*(Tags: @FR, @FR003, @UR003, @Analysis)*

The location of caries regions of interest shall be displayed in position on the image

## ROIIndicators

*(Tags: @FR003-1, @UR003-1)*

**Given** a bitewing image known to contain caries

**When** caries detection is complete

**Then** caries ROIs are indicated over the image

## ROIArrows

*(Tags: @FR003-2, @UR003-1)*

**Given** a bitewing image known to contain caries

**When** caries detection is complete

**Then** caries ROIs are indicated by arrows

**And** the arrows do not obscure the tooth edge

## ROIEasilySeen

*(Tags: @FR003-3, @UR003-1)*

**Given** a bitewing image known to contain caries

**When** caries detection is complete

**Then** caries ROI indicators are a consistent size

**And** caries ROI indicators are brightly coloured

## ROIGrades

*(Tags: @FR003-5, @UR003-2)*

**Given** a bitewing image known to contain caries of different grades

**When** caries detection is complete

**Then** caries ROI indicators for different grades are distinguishable

## EditCariesGrade

*(Tags: @FR003-6, @UR003-2, @DesktopOnly)*

**Given** caries ROI are displayed on the image

**When** I click on the ROI label

**Then** a menu allowing me to change the grade appearns

**And** I can choose a new grade

**And** the grade is updated with the new choice

# SeeWhatsNew

*(Tags: @FR, @FR029, @UR027, @Labelling, @DesktopOnly)*

## SeeWhatsNewOnStartup

*(Tags: @FR029-1, @UR027-1)*

**Given** I have not dismissed the news for the version installed

**When** I start AssistDent

**Then** the what's new form is displayed

## SeeWhatsNewAllVersions

*(Tags: @FR029-2, @UR027-1)*

**Given** an upgrade of AssistDent from the previous version

**And** the new features were previously dismissed

**When** I start AssistDent

**Then** the what's new form is displayed

**And** the what's new form contains the new features

**And** the new features apply only to the current version

## SeeWhatsNewAllVersions

*(Tags: @FR029-3, @UR027-1)*

**Given** a clean install of AssistDent with no settings files

**When** I start AssistDent

**Then** the what's new form is displayed

**And** the what's new form contains the new features

**And** the new features apply to the current version and every previous version

## DimissAndDontShowAgain

*(Tags: @FR029-4, @UR027-2)*

**Given** I have not dismissed the news for the version installed

**And** I start AssistDent

**And** the what's new form is displayed

**When** I check the "Don't show me this again" checkbox

**And** restart AssistDent

**Then** AssistDent starts

**And** the what's new form is not displayed

## SeeWhatsNewAfterStartup

*(Tags: @FR029-5, @UR027-3)*

**Given** I have started AssistDent

**When** I access the "See What' New" menu option

**Then** the what's new form is displayed

# ShellIntegration

*(Tags: @FR, @FR035, @UR033, @Admin, @DesktopOnly)*

## OpenWith

*(Tags: @FR035-01, @UR033-01)*

**Given** I have an image file

**When** in Explorer I right click choose open with and find AssistDent.exe

**Then** the image opens in AssistDent

## DontOpenNonImage

*(Tags: @FR035-02, @UR033-01)*

**Given** I have a text file

**When** in Explorer I right click choose open with and find AssistDent.exe

**Then** nothing happens

## DontOpenMultipleImages

*(Tags: @FR035-03, @UR033-01)*

**Given** I have multiple image files

**When** in Explorer I right click choose open with and find AssistDent.exe

**Then** nothing happens

## OpenWith

*(Tags: @FR035-04, @UR033-02)*

**Given** I have an image file

**When** in Explorer I right click choose Open With AssistDent

**Then** the image opens in AssistDent

## DontOpenNonImage

*(Tags: @FR035-05, @UR033-02)*

**Given** I have a text file

**When** in Explorer I right click

**Then** the Open With AssistDent menu option is not visible

## DontOpenMultipleImages

*(Tags: @FR035-06, @UR033-02)*

**Given** I have multiple image files

**When** in Explorer I right click

**Then** the Open With AssistDent menu option is not visible

# ToggleAnnotation

*(Tags: @FR, @FR007, @UR007, @Analysis)*

## HideImageAnnotation

*(Tags: @FR007-2, @UR007-1)*

**Given** an analyzed bitewing image which contains caries ROIs

**When** I click the corresponding hide annotation button

**Then** the tooth indicators are hidden

**And** the caries ROI indicators are hidden

**And** the hide annotation button is replaced with a show annotation button

## RestoreImageAnnotation

*(Tags: @FR007-3, @UR007-2)*

**Given** an analyzed bitewing image which contains caries ROIs

**And** the annotation is currently hidden

**When** I click the corresponding show annotation button

**Then** the tooth indicators are displayed

**And** the caries ROI indicators are displayed

**And** the show annotation button is replaced with a hide annotation button

# ToothIndicator

*(Tags: @FR, @FR002, @UR002, @Analysis)*

Detected teeth shall be displayed in position over the image

## ToothIndicators

*(Tags: @FR002-1, @UR002-1)*

**Given** a bitewing image known to contain adult teeth

**When** caries detection is complete

**Then** the detected teeth are displayed on the image

**And** identifiers for the teeth are shown

**And** the identifiers provide unique identification for each tooth

## EditToothQuadrant

*(Tags: @FR002-2, @UR002-2, @DesktopOnly)*

**Given** identifier for the teeth are displayed on the image

**When** I click on the tooth quadrant

**Then** a menu allowing me to change the quadrant appearns

**And** I can choose a new quadrant

**And** the label is updated with the new quadrant value

## EditToothNumber

*(Tags: @FR002-3, @UR002-3, @DesktopOnly)*

**Given** identifier for the teeth are displayed on the image

**When** I click on the tooth number

**Then** a menu allowing me to change the number appearns

**And** I can choose a new number

**And** the label is updated with the new number value

# UpdateClient

*(Tags: @FR, @FR032, @UR024, @Admin, @DesktopOnly)*

## UpdateNotAvailable

*(Tags: @FR032-1, @UR024-1)*

**Given** an update is not available

**When** I start the app

**Then** the app starts

## UpdateAvailable

*(Tags: @FR032-2, @UR024-2)*

**Given** an update is available

**When** I start the app

**Then** the app starts

**And** a message is displayed

**And** the message indicates the availability of an update

## UpdateLinksToDownload

*(Tags: @FR032-3, @UR024-3)*

**Given** an update is available

**When** I start the app

**And** the update message is displayed

**And** I click Yes to download

**Then** I am redirected to the latest version's download page

## IgnoreLatestVersion

*(Tags: @FR032-4, @UR-24-4)*

**Given** an update is available

**When** I start the app

**And** the update message is displayed

**Then** I can click the checkbox to hide the warning

## HideNotificationsForIgnoredLatestVersion

*(Tags: @FR032-5, @UR-24-5)*

**Given** an update is available

**And** I have requested to ignore the latest version

**When** I start the app

**Then** the app starts normally

## ShowNotificationsAfterIgnoringPreviousRelease

*(Tags: @FR032-6, @UR-24-6)*

**Given** an update is available

**And** I have requested to ignore a previous version

**When** I start the app

**Then** the update message is displayed