MEDMONT STUDIO 6
RELEASE NOTES

Version 6.0.0

28th July 2014

Medmont Studio / Patient Management

WARNING! This version does not support languages other than English. The language updates shall be added in future releases. If you must operate in a language other than English please do not install this update, instead continue to use your existing version until your preferred language is available.

New Features

- License transfer is now possible without involvement from Medmont. The number of license transfers is limited to two. A software license is uninstalled when the software is uninstalled using the Add Remove Programs feature in Windows®
- Local caching of image data avoids lengthy delays in multi-site installations where upload bandwidth is limited.
- Improved look and feel.
    - The Print, Export and Refresh menus are now easily found in the File menu tab.
    - The exam tabs have now been consolidated into a single Exams tab. The displayed columns will now change based on the exam type selected.
    - The data blocks which were overlaid over the image are now displayed in a tab underneath the image called Data.
    - Added exam category information to summary text in patient tree. Tags can now be assigned a foreground and background color.
- Each attribute can now include a classification function which can return one of three values; Normal, Suspect or Abnormal. As a result the attribute will have a green, yellow or red background respectively.
- Added the ability to export regression view data. This is limited to only single point regression data. Data displayed as histograms is not exported.
- Support added for the new Optomate® Touch Practice Management System.
- A new step has been added to the Configuration Tool for Server installations to select the network interface card to use. This allows support for computers which have multiple network interface cards (NICs).

- Annotations can now be locked into position. This is to avoid the issue of accidentally moving an annotation when performing a point-by-point analysis.

Improvements
- Added an Update button to the License Manager so that the activation key does not have to be re-entered when new components are added or the sessions limit is updated.
- Fixed issue with applying more than one annotation to an exam. The problem was only observed when you expand one of the exam windows from a combination view.
- Fixed "Cannot open any more tables" error being displayed when you start Medmont Studio for large multi-site installations.
- It's now possible to change the location of the component files (E300\M700\DV2000 folders) after it has been set for an MS SQL Server installation.
- Changes made to allow Email to be sent from a 64-bit mail client.
- A new export file type (.MCO) has been added to avoid Microsoft® Outlook® from blocking exported data attachments
- The Link mechanism now allows files to be exported with a unique name (GUID). The string {GUID} can be used in place of the export name. Both the .MXF file and the image file (if specified) shall be assigned the same name.
- DICOM – Changed the settings so a different AE Title can exist for PACS and Worklist server.
- DICOM – Renamed the *Storage Area* field in the Worklist settings to *AE Title of peer*
- DICOM – Several attributes are now assigned values for each exam submitted to a PACS, these include;
    - Study Date, Study Time, Modality, Manufacturer, Manufacturer Model Name and Software versions.
- Licensing and registration of the software is now handled separately. Distributor can now license the software but leave the registration for the end-user.

DV2000 Diagnostic Video Imaging

New Features
- Added support for CSO slip-lamp cameras using the SSLive.exe capture interface. This feature requires that the Phoenix software has been previously installed.
- The image capture dialog is now capable of capturing images\image sequences and videos all within the same window. For instance, no need to close the capture window and re-open when changing from single image to video.
- Frame time now displayed in the top-left corner of the playback window. This is useful for identifying the frame which is displayed when a video playback is paused.

Improvements
- The watched folder will no longer change to a default location if the specified watch folder is unavailable.

E300 Corneal Topographer

New Features
- Tear Film Surface Quality (TFSQ) analysis. A new Tear Film Quality map view gives an indication of the tear film quality over the surface of the eye. The following attributes have also been added;
- TFSQ – attribute gives an average of the local Tear Film Quality over the entire eye.
- TFSQ Central – provides the same but for only the central region (4mm chord) of the eye.

Improvements

- The Freestyle Lens Design has been modified to calculate the back surface from the data calculated from the contact lens axis rather than the instrument axis.
- Fixed "Index out of range" error appearing when the Analyze All button was pressed in the E300 capture window after previously capturing a large number of images.
- Fixed "Canvas:Paint" error displayed when changing the selected E300 exam with the Elevation map selected.
- Scaling of perspective view has been improved to better visualize astigmatic eyes.
- SimK values now displayed with two decimal places.
- New Recalculate Attributes button on the E300 > Analysis ribbon.
- E300 Converter box firmware version is now being logged to the E300VideoSource.log file located in the Common Application data folder
- Fixed Unhandled Exception (Zoned Keratometrices) being raised while analyzing some E300 exams with significant eyelash interference.

M700 Automated Perimeter

Improvements
- Fixed issue preventing the Attributes from being printed on the current display print report.
- The numeric map display will automatically display in linear scaled mode when viewing an exam with a retinal overlay defined. Selecting an exam without an overlay reverts back to the previous scale mode.
- Changes made to force the video converter to always use the composite input instead of the s-video input which was causing a black fixation window on some computers.
- Sound events are no longer available through the Windows® > Sounds applet. Sounds are now managed by Medmont Studio through the Preferences window.