



OpenEyes™

OpenEyes Release Notes

Version 4.2

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OpenEyes™ Version

OpenEyes Version 4.2

Release Date

13/06/2024



Summary

Key Benefits / Executive Summary

This is a major release. It contains a few new features, several usability improvements and major updates to the software stack and security.

New Features:

1. New structured examination elements for recording a large variety of tests carried out by the Strabismus service and Orthoptic service.
2. Improvements for Paediatrics
3. Deep integration for Zeiss Humphrey Field Analysers, including Mean Deviation and VFI plotting in OE Scape
4. Advanced service-level progression analysis for Glaucoma
5. A new "Advanced Search" tool, which allows identification of cohorts with graphical reporting and drill-down data analysis

Improvements/Fixes:

1. More supported Visual Acuity scales
2. Ability to record Both Eyes Open Visual Acuity
3. Single-Sign-On (SSO) using Active Directory or OAuth. E.g., allows sign on with Windows network credentials
4. Big improvements to the Messaging event. Including "Out of Office" support, CC and an improved inbox layout.
5. 1. Security fixes for issues discovered by @DCKento
6. 2. Improvements for Single Sign-On (SSO) behaviour
7. Security fixes for musachejs library
8. Fixes a number of issues that caused crashes in certain scenarios



Deprecated Features

Deprecated features are still available but are no longer recommended / supported. Where a deprecated feature has a recommended replacement, it will be noted below.

The following features have been deprecated in this release:

- The OphInVisualfields module is now deprecated
 - This has now been replaced by the PayloadProcessor, which receives DICOM events from various HFA models and adds them as events to OpenEyes
 - It is still possible to view historic Visual Fields events created by this module. But it will no longer be possible to import new events
 - This module may be completely retired in a future release, so plans should be made for archiving old events and re-importing as DICOM through the PayloadProcessor

Upgrade Instructions

Full upgrade and install instructions are available at:

- <https://github.com/AppertaFoundation/openeyes/wiki>