

1 Purpose

This document describes the fixed bugs and problems as well as improvements in the following new software version in comparison with the previous version.

- New version: 1.1.14
- Old version: 1.0.49

2 New features

Topic	Description
SERS Tip	SERS Tip can be used with ID Kit operating procedure and with other libraries for R&D purposes.
Language packs	Language can be updated independent of software updates.
New spectral math function	Weighted spectral subtraction.
Service support	Allow scripts to be run for service support: ▪ Remove irregular pixel ▪ Remove old licensed libraries
Viewing window data export	Viewing window modifications can be exported in csv format (i.e baseline).
Peak tables	Peak tables are exportable.
Access to Google Maps	Allows location meta data to access Google Maps.
Camera image	Allows camera image in reports generated from mobile app.
Global Harmonization System	Global Harmonization System placards are now visible in the software.
Spectral representation	Spectral representation (spectral quantification) is shown in results screen.
Intelligent Universal Attachment	New intelligent Universal Attachment (iUA) is implemented in operation procedure editing tab.

Topic	Description
Calendar icon	Calendar icon in search has changed.
Spectrum date of creation	Added created and modified spectrum dates to metadata viewing screen for filtering purposes.
Library reset	Added Library Reset button for removing multiple illicit libraries showing in Library pane.
Service Portal	Added <i>Delete all data</i> in Service Portal.
Pop-ups	MiraCal Information pop-ups inform user of instrument state and attempted actions. A few examples are: ■ Database connection warnings ■ Expired data warnings ■ Expired library certificates warnings ■ Old calibration warnings
Synchronization folders	Custom synchronization folders.
One location	Combined device and software support file generation into one location.
Number of averages increased	Number of allowed averages increased to 30.

Topic	Description
Chinese translations	The translations for various topics have been fixed.

None.