

## **Application Update Instructions for the MarqMetrix All-In-One Process Raman Analyzer**

To update the software of a Thermo Scientific MarqMetrix All-In-One Process Raman Analyzer or Ramina Analyzer, obtain a Raman Software Suite (RSS) update USB thumb drive by contacting your sales or customer service representative.

Note: Instruments running older software installations may require a full software and OS upgrade, to check the software version, open the Spexware (or Ramina) app on the instrument. Navigate to the Setup Tab and click on the Diagnostics button. If the software version lists 4.1.2.0 or newer, then the applications may be updated using the update executable file. If the software version is older than 4.1.2.0 or not listed, then a full OS and software upgrade is required. Contact your sales or customer service representative for further information.

For instruments running Thermo Scientific Spexware (Ramina) App version 4.1.2.0 or newer, Login to the Administrator account of the instrument. Insert the update USB thumb drive into a USB port on the instrument. Double click on the upgrade file titled RSS-apps-only vX.X.X to install. Optional Windows OS cumulative updates for the MarqMetrix All-In-One Process Raman Analyzer are also available, these are a separate file from the RSS applications and can be installed by opening the Windows update named RSS-os-only vX.X.X.