



Release notes
OLYMPUS Stream 2.4.3
June, 2020

Topic	Detail
Netcam: Solution is discontinued	<p>The Stream Solution Netcam (ST-S-NCAM) is not available with Stream 2.4.3 There is no successor. When updating a previous Stream version, the solution will be deactivated.</p>
Bugfix: Images loaded from database aren't displayed in full resolution when SFR version is updated	<p>After updating an existing Secure File Repository installation to a new version, the images stored before the update are not available in full resolution. When trying to open the image with double-click, the image cannot be found. When images are stored in the new SFR installation, everything works fine. This is now fixed in Stream 2.4.3.</p>
Cybersecurity: Update Microsoft SQL Server Native Client to its current equivalent	<p>An update from Microsoft SQL Server Native Client (SNAC 11) to Microsoft OLE DB driver for SQL Server is necessary to improve cybersecurity. This change is transparent to the Stream Database users.</p>
Bugfix: Input focus is lost when creating a new folder [tool window "File Explorer"]	<p>When the User creates a new folder using the tool window "File Explorer" the input focus is lost. When working with many folders, the User cannot easily find the new folder. This is now fixed in Stream 2.4.3</p>
Create Customer Support Information	<p>It is possible to generate extended customer support information, from the root menu without having to launch Stream. Customer Support Information contains new logging of device and status as well as product identification (product.ini). In the Stream options, the User can define the time period how long the log files are kept by the system.</p>
Cybersecurity: Firewall settings modification with floating license server	<p>A vulnerability was detected when installing Stream 2.4 without floating license server where a firewall port was always left open. The new setup is now making sure that this vulnerability is corrected and that the firewall port settings for floating license server is only used when necessary.</p>

<p>Bugfix: When selecting "Combine Color Images" in Macro Manager, Stream crashes.</p>	<p>When using the function "Combine Color Images" in a macro, Stream is crashing. This is now fixed in Stream 2.4.3</p>
<p>Bugfix: Sorting of measurement on exported documents is not consistent</p>	<p>When exporting measurements to Workbook document or Excel Spreadsheet, the sorting order of the measurements is not consistent, especially when measurements performed on several images are done. In Stream 2.4.3, the measurements will always be sorted according to 1st, the document name and 2nd, the measurement ID.</p>
<p>Measurements: New line measurement mode with variable length of extension lines</p>	<p>It is now possible to have a new measurement mode for:</p> <ul style="list-style-type: none">- Arbitrary line- Horizontal line- Vertical line <p>with a user defined position of the dimension line and label, with extension lines. This option is activated in the measurement preference dialog.</p>
<p>Bugfix: Classification in Particle Distribution is lost after first processed image</p>	<p>When using "Validation and coding" option in Materials Solution Particle Distribution, the classification get lost after the first image. This is now fixed in Stream 2.4.3</p>
<p>Bugfix: Add new phase in Advanced Color Space (HSV) Mode for Materials Solutions ST-S-PSD and ST-S-PHSE</p>	<p>In Stream 2.4.2 it is not possible to add a new phase for the Materials Solutions:</p> <ul style="list-style-type: none">- Phase Analysis- Particle Distribution <p>when the advanced color space mode (HSV) is selected in the Materials Solutions options. This is now fixed in Stream 2.4.3</p>
<p>Materials Solutions: More space in the Materials Solutions Tool Window</p>	<p>The instruction Quick Access Area (QAA) in the Materials Solutions tool window is now collapsed by default to allow more space for the control area. The system reminds the state when exiting the Materials Solutions (if the user expanded it, it will be expanded on next start.</p>
<p>Inclusion Content: Visualization of selected inclusions in the image results step</p>	<p>It is possible to navigate to any selected inclusions when reviewing the results in the "Image Results" page. The user is able to identify the inclusion in the oculars (not as a live image on the screen).</p>

Inclusion Content: Area of fields can be defined using a polygon

It is possible to define area of fields using a polygonal shape. A best fit will be used to fill it with 710x710 µm adjacent fields.

Inclusion Content: New standard SEP 1571:2017 method K is supported

Stream 2.4.3 supports the standard SEP 1571:2017 method K for the rating of non-metallic inclusions in high purity steels.

- The calculation is performed per field
- size classes 0 to 9 can be measured
- Classes S (type A and Ds) and O (type B,C and D) are added to the results table

Bugfix: Report add-in is not available when selected language is Spanish

The add-in "OLYMPUS Report" is not available when using a Spanish operating system and a Spanish version of Stream 2.4.2. This is now fixed in Stream 2.4.3

Report: compatibility with Office 365

Stream 2.4.3 can use Office desktop apps (Word, Excel, and PowerPoint) of Microsoft Office 365 for creating Word, Excel and PowerPoint reports. The Semi-Annual channel is used as reference for the compatibility confirmation.