

Definiens Tissue Studio 1.1.0 Action Library 4.2

Release Notes

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Imprint and Version

Document Version Tissue Studio 1.1.0 AL 4.2

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Dear User,

Thank you for using **Definiens** software. We appreciate being of service to you with image intelligence solutions.

At Definiens we constantly strive to improve our products. We therefore appreciate all comments and suggestions for improvements concerning our software, training, and documentation.

Feel free to contact us via web form on the Definiens support website
<http://www.definiens.com/support/index.htm>.

Thank you.

Legal Notes

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Protected by patents US 7146380, US 7117131, US 6832002, US 6738513, US 6229920, US 6091852, EP 0863485, WO 00/54176, WO 00/60497, WO 00/63788 WO 01/45033, WO 01/71577, WO 01/75574, and WO 02/05198. Further patents pending.

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Overview

Definiens TissueStudio™ is an image analysis workstation that provides functionality to support the pathologist in analyzing standard assays in histopathology. It enables non-technical users to configure, calibrate and execute versatile image analysis workflows. The software supports all major acquisition devices and users can analyze all kinds of tissue slides, tissue microarrays and microscope images.

With the built-in Definiens Composer Technology™, regions of interest can be extracted from images by selecting samples and train the software how to find the regions of interest. Once the training is finished, Definiens Tissue Studio™ can extract the regions from an unlimited number of images.

A library of pre-defined image analysis solutions for typical every-day problems is provided that can be calibrated for the particular image data set, using Definiens Composer Technology™ and/or simple graphic sliders. These calibrated applications can be saved and submitted for batch execution.

Definiens TissueStudio™ allows the user to quantify IHC, fluorescence and other histological assays on a cell-by-cell basis.

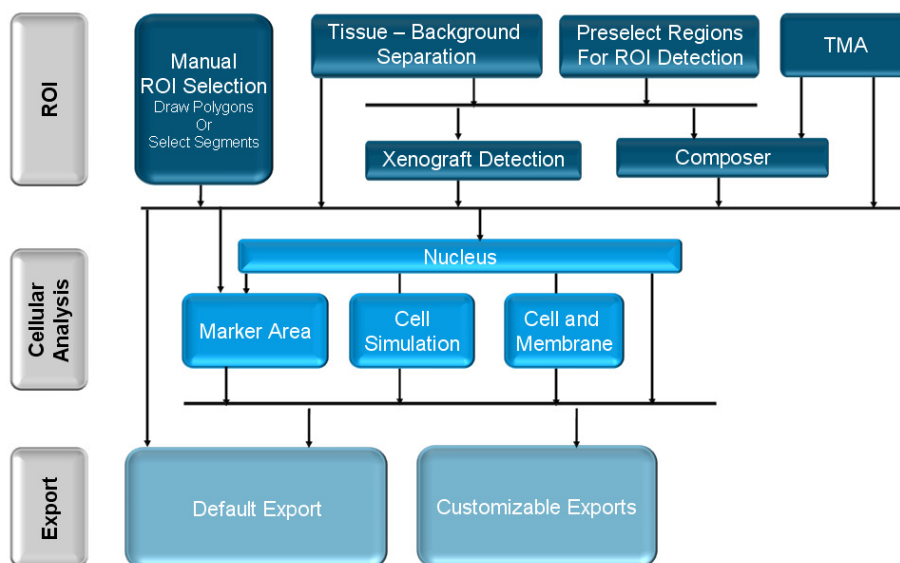


Figure 1: Definiens Tissue Studio image analysis capabilities

About Definiens Tissue Studio 1.1 AL 4.2

Definiens Tissue Studio 1.1 AL4.2 is a maintenance release for all customers running with Definiens Tissue Studio 1.1. It contains two critical bugfixes in the action library.

Solutions that have been created with the Action Library version 4.1 (delivered with Tissue Studio 1.1) are incompatible with this version. The Action Library version 4.1 is contained in the installation of this version and can be used to load solutions created with the previous version. However, Definiens strongly discourages the usage of previous Action Libraries.

Bug Fixes

Category	Reference	Description
TMA	Bug-14916	Initialize Cellular Analysis: Click on Select leads to error message.
Action Library	Bug-14968	Complete tiles are analyzed instead of ROI only. This can lead to the generation of wrong data for the cellular analysis on tiles, e.g. in Manual and Composer workflows.

Known Issues and Limitations

Category	Reference	Description
Export	Lim-14781	Domain Statistics (Mean, Min, Max etc.) are not collected into a single file for each workspace in case of small images or TMA.
Installation	Lim-15115	Before reinstalling the software on Windows 7 or Windows Vista, files in C:\Users\[Username]\AppData\Local\VirtualStore related to the application should be deleted, to prevent interference from old installations.

Documentation Errata

None

Additional Information

For additional information please contact support@definiens.com