

Definiens

Image Miner™ 2.0.2

32-bit and 64-bit Editions

Release Notes

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Definiens Documentation:

Image Miner™ 2.0.2

Release Notes

Imprint

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Thank you.

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1 Overview

1.1 About Image Miner

Definiens Image Miner™ is a novel and groundbreaking product that integrates image analysis technology with data mining. This allows large datasets to be correlated against therapy responses and patient outcomes: a powerful tool when looking for biomarkers with diagnostic, predictive and prognostic value. It fully integrates with Definiens Developer XD and Tissue Studio products, as well as importing third-party data.

Definiens Image Miner offers the following key features:

- Enables development of specific image and data mining applications
- Workflow management of automated iterations between image analysis and data mining for high productivity and short development cycles
- Powerful machine-learning algorithms for data mining
- Interactive visualization of high-volume image analysis results
- Support for development and quality control, with seamless links between data points and their associated regions
- Image mining is scriptable using Definiens Cognition Network Language
- Image Miner offers multiple options for visualizing and analyzing the data extracted from your image analysis, ranging from standard plots to specialist statistical analyses. In addition, it lets you extend your analysis with Definiens algorithms and run data mining operations.

2 New Features, Bug Fixes and Errata

2.1 New Features

See [table 2.1](#) on this page, *New Features in Image Miner 2.0.2*.

Table 2.1. New Features in Image Miner 2.0.2

Category	Reference	Description
Import	19767	Support of 16-bit images
Algorithm	19735	Invoke external scripts, for example R. This function has been tested with R2.15.1, 32- and 64-bit
User Interface	19673	Unified context menu
User Interface	19695, 19772	Unified layout
User Interface	19687	Unified grouping
User Interface	19728	Simplified menu
User Interface	19653	Windows look and feel (enabling snapping in Windows 7)
User Interface	19280	Synchronized scrolling in Image View
User Interface	19695	Image Gallery scrolling and selection
User Interface	19695	Improved support of low-resolution screens
User Interface	19675	Remembers recently used folder
Training	-	Free auto-learning material available for download – QC and Data Exploration Basic

2.2 Bug Fixes

See [table 2.2](#) on the current page, *New Features in Image Miner 2.0.2*.

Table 2.2. New Features in Image Miner 2.0.2

Category	Reference	Description
Import/Export	19440, 19425	Table and workspace import/export
Usability	19695, 19772	Panel update after modifications

2.3 Known Issues and Limitations

See [table 2.3](#) on this page, *Known Issues and Limitations in Image Miner 2.0.2*.

Table 2.3. Known Issues and Limitations in Image Miner 2.0.2

Category	Description
Memory	Definiens Image Miner™ 32-bit has a limitation of 2GB of memory. If you need to process large tables (millions of rows), we recommended the 64-bit edition of Image Miner and the corresponding Image Miner Server.
Server-Side Processing	If, when using Submit Analysis, the Job Scheduler is not available, Image Miner will make repeated attempts to connect to it. This may cause the client to hang until an error message is generated ("Error: We could not submit the analysis")
User interface	On some systems, you may hear a noise when using drop-down lists in the Process Editor. You may wish to turn off your system sounds as a temporary fix

2.4 Document Errata

None

3 Additional Information

None.

3.1 Contact

If you have any additional questions, please contact your account manager or email support@definiens.com.

Acknowledgments

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