



DATAMINE



STUDIO
MAPPER

Release Notes

Studio Mapper 3.0.17.0

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Legal Disclaimer

The product described in this documentation may be connected to, and/or communicate information and data via, a network interface, which should be connected to a secure network. It is your sole responsibility to ensure a secure connection to the network and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the product, the network, your systems, and the interface against any kind of security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data. We are not liable for damages or losses related to any such security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data.

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Overview

Studio Mapper, together with Studio RM, is the only integrated mine mapping and structural modelling solution delivered on the same platform, with a consistent user experience.

Studio Mapper is one of several products in the Studio product family, which includes:

-  **Studio EM** for exploration data analysis and modeling.
-  **Studio Geo** for structural modeling.
-  **Studio Mapper** for geological face mapping and reporting.
-  **Studio NPVS** for strategic open pit optimization, design and scheduling.
-  **Studio OP** for open pit design and operational scheduling.
-  **Studio PM** for very short term open pit operational planning.
-  **Studio RM** for mine geology, reserve modeling and resource estimation.
-  **Studio Survey** for open pit and underground mine surveying and reporting.
-  **Studio UG** for underground mine design and scheduling.

Further Information

This document includes cumulative releases notes for Studio Mapper 3.0.17.0.

Release notes for other versions of Studio Mapper are available via the Support Portal <https://www.dataminesoftware.com/support/>.

For the complete Studio Mapper documentation, see <https://docs.dataminesoftware.com/StudioMapper>.

License Services - Important Information

Datamine Studio products automatically install or upgrade **Datamine License Services**, a support service used to protect your software from unauthorized use.

License Services is a technology that governs access to your installed application through a running background service. It has a dedicated application – **Datamine License Manager** – to administer licenses on both client and server machines.

Studio products released after July 2023 are connected to the License Services version that comes with the Studio application. You can't go back to an older version of License Services that was installed before the one by your Studio application.

This modification doesn't impact License Services versions on dedicated license servers. Older server versions of License Services can still be used alongside newer versions of License Services on local machines hosting Studio applications.

To put it simply: Studio products created after July 2023 install a version of License Services that can't be downgraded on your local machine.

Why are we making this change?

To protect your software from unlicensed use and permit more flexible and accessible methods of licensing to be developed in the future.

Will my software work with a newer version of License Services (than Studio originally installed)?

Yes. If the local installation of License Services is newer than the one originally installed, your older Studio product(s) will continue to operate normally. A minimum version of License Services is required to launch your application.

Will future License Services versions be compatible with legacy Studio products?

Yes. This change doesn't break compatibility between License Services and versions of Studio products produced prior to July 2023.

If a locally-installed version of License Services is incompatible, what happens?

When your application is launched, a message is displayed indicating an upgrade to License Services is required. License Services can be downloaded from the Datamine Support Website as a standalone installation package, or it can be installed with another

Studio product.

Does this affect servers running License Services (that aren't used to run Studio products)?

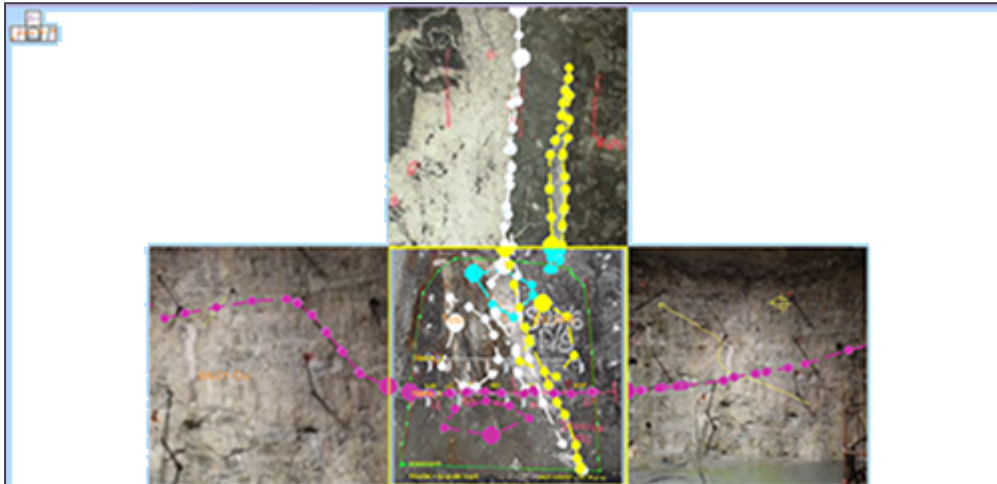
No. Server versions, providing they are already supported, continue to serve licenses as before. There's no need to upgrade license servers as a result of this change. This change enforces a minimum *local* License Services version constraint.

For more information on License Services, please refer to your help file, the Datamine Support website, or contact your local Datamine representative for assistance.

Studio Mapper 3.0 Release Notes

Key Improvements

Butterfly Maps!

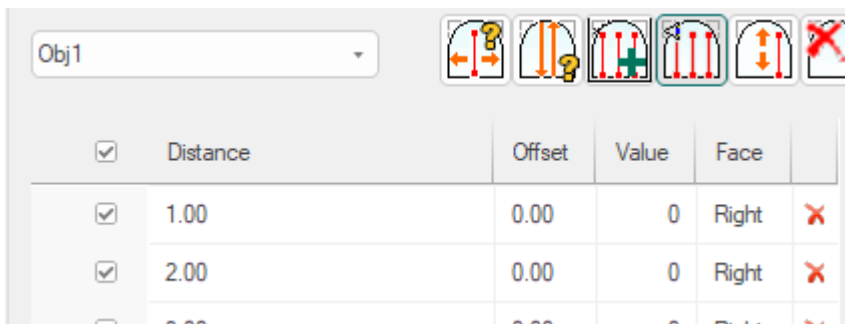


Display face maps as butterfly maps!

Swap seamlessly between 3D map and butterfly views using a handy on-screen toggle, making feature and contact definition across multiple faces much easier.

Enabled via a simple configuration switch, views can be swapped dynamically, meaning you can easily digitize in both 2D and 3D environments.

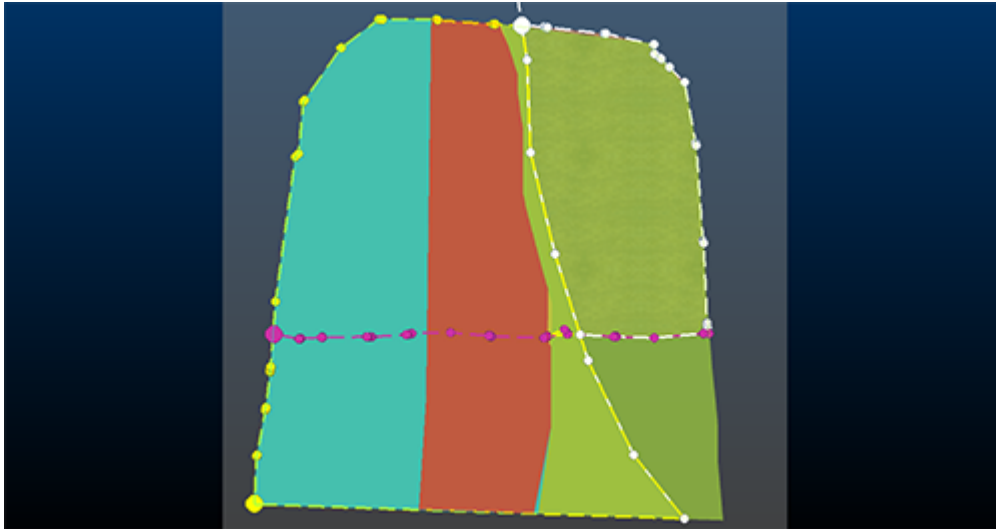
Stratigraphic Section Interval Control



Configure your system to adjust stratigraphic (vertical) section interval dimensions using any combination of LENGTH, FROM and TO fields.

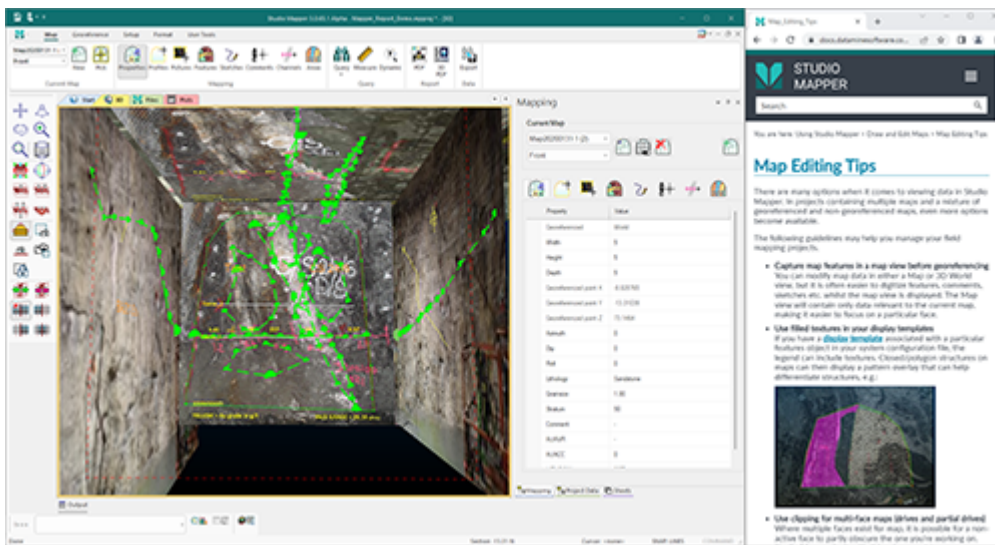
Display dimension fields in any order and set either as the default for editing where new records are created. You can also define a custom table header cell label.

Structural Outline Improvements



Outline generation now ignores trivial gaps in outline string segments when generating outline data. Previously, only crossing or precisely coincident string data could deliver outlines successfully.

A New Look & Feel



A rejuvenated experience for field geologists, using the latest signature brand colours, plus more new look and feel options.

HTML5-compliant, Online Documentation

Access via docs.dataminesoftware.com. This new online resource will, if an Internet connection is available (and you choose to access it), provide up-to-date system documentation that adapts to multiple target reading devices from laptops to phones. If no Internet connection is available, or you prefer to view compiled offline help, you can view the legacy installed content instead.

Not only that, but the latest help is deployed instantly, meaning you benefit from the latest knowledge available at all times.

docs.dataminesoftware.com will benefit from a lot of innovative development in the future, so it's worth taking a look!

Drillhole Data Selection Toggle

You can now use the quick key combination "tds" to swap between full drillhole and independent sample data selection in a **3D** view. A new command - toggle-drillhole-selection - is also available. Where a particular mode is required for a function, it may be set automatically, overriding the default selection mode (such as when editing channel samples, for example).

All Improvements

Commands & Processes

- **Case: SMAP-935** Studio Mapper is now a long-field-name system, supporting field names up to 24 characters.
- **Case: SMAP-925 Generate-Mapper-Outlines** can be used with strings which are in multiple planes.
- **Case: SMAP-906** Adjust the dimensions of **stratigraphic section intervals** by defining FROM, TO or LENGTH values. One or more fields can be displayed with an optional custom label.
- **Case: SMAP-672** The **generate-mapper-outlines** command honours polygons that have trivial gaps.
- **Case: SMAP-469** Display face maps as unfolded **butterfly maps**.
- **Case: CORE-7254 SLIMOD** has a tolerance to check for the creation of very small cells. A cell will not be created in the output file if it has a volume less than the parent volume of the output prototype multiplied by 0.00000001. This tolerance is smaller than in previous versions to allow for prototypes with a large parent cell dimension in one of the axes.
- **Case: CORE-7163** Choosing to auto-align a section after creation no longer automatically zooms to fit all data in the 3D view.
- **Case: CORE-7141 SELWF** has a @SETABSNT parameter.
- **Case: CORE-7112 offset-string** accommodates a wider range of input string shapes, including strings with near-coincident points that could previously generate erratic offset string shapes.
- **Case: CORE-7079** By default, the **Edit Attributes** screen defaults to selecting value options from selected legend items.
- **Case: CORE-7026** Choose to hide the 'Browse for file' prompt when loading a project with broken file references.
- **Case: CORE-7012 HOLES3D** has a DESURVMD option if run interactively. It is used to locate sample centers or end points on desurveyed arcs.
- **Case: CORE-6885** Section plane pierce points are no longer enabled by default for drillholes.
- **Case: CORE-6883** A new command - **toggle-drillhole-selection** (quick key "tds") toggles between full drillhole and independent sample data selection in a 3D view.
- **Case: CORE-6148 DECLUST** now supports retrieval criteria.

- **Case: CORE-5223** Enabling the Lock View mode in a 3D window no longer adjusts the zoom setting of that view.
- **Case: CORE-5079** The MINLAY process has been obsoleted.
- **Case: STUDIO-1095** COMPDH can composite both down and up holes, using a new @REVERSE parameter.
- **Case: STUDIO-924** **calculate-structural-orientations** calculates dip and dip directions from core logged alpha and beta angles. The resulting dip and dip direction attributes can be used to visualize angles using downhole structural symbols.

User Experience

- **Case: SMAP-913** New look and feel options are available for Studio Mapper.
- **Case: SMAP-782** Your application's product icon and logo have been rebranded.
- **Case: SMAP-781** Your application's splash screen has been redesigned.
- **Case: SMAP-777** Your application's **Start** page has been rebranded.
- **Case: CORE-7183** Look and feel options have been updated, and a new default theme is applied.
- **Case: CORE-7150** Dynamically resize the components of the Quick Filter control bar.
- **Case: CORE-6792** Display up to **1000 drillhole names** for each drillhole object in the **Sheets** control bar.
- **Case: CORE-6735** Hover your cursor over the object name in the **grid-dtms** screen to display the name in full.

Utilities & Supporting Services

- **Case: CORE-7306** Desurveying is no longer automatically performed when importing through the Data Providers as desurveying is now handled by the Drillhole Importer.
- **Case: CORE-7312** The License Services screen no longer appears behind the active Studio application if initiated by the third-party EPS application.
- **Case: CORE-7130** If an attempt is made to import a Vulcan .bmf file that is larger than our Maptek-provided driver can accommodate, a message is issued before processing and the operation is aborted.
- **Case: CORE-6510** Studio products will no longer operate if the local version of **License Services** is downgraded to an earlier version than installed with the product. See “**License Services – Important Information**, above”.

- **Case: CORE-6648** When importing data via the **Text driver**, only a single legend is created (based on the first attribute field). In previous versions, a legend was created for each detected field in the incoming file, leading to an excessive number of stored legends.
- **Case: CORE-5020** When importing **Micromine block models**, field names are no longer limited to 9 characters. They can be up to 24 characters on a long field system.

Documentation & eLearning

- **Case: CORE-85** Your application is supported by online, HTML5-compliant help. If an Internet connection is available (otherwise, locally-stored help content displays), context and conceptual help is displayed via Datamine's online documentation website at docs.dataminesoftware.com.

Additional Defect Fixes

- **Case: SMAP-928** Auto-node drawing is more responsive when using a stylus.
- **Case: SMAP-923** The generic **3D View** ribbon is no longer displayed.
- **Case: SMAP-916** Double-clicking or tapping a face orients the view correctly to be orthogonal with the target face.
- **Case: SMAP-889** Stratigraphic section table information is displayed as expected even if all intervals of the selected sample are hidden.
- **Case: CORE-7300** MineSight points data can be loaded by script.
- **Case: CORE-7304** An issue in **SELWF** (used by **WFCODE**), causing legacy automation scripts to fail, has been resolved.
- **Case: CORE-7255** If querying multiple strings the correct area is calculated for non-convex shapes.
- **Case: CORE-7252** Retrieval criteria in **SELWF** are working as expected.
- **Case: CORE-7250** An issue causing system shutdown, when clicking **OK** in the acquire drillhole database import wizard, has been resolved.
- **Case: CORE-7245** The **Text** driver no longer fails when the number of fields exceeds the maximum limit.
- **Case: CORE-7216** **Apply Filter** no longer incorrectly appears in **Sheets>> Plots** menus.
- **Case: CORE-7213** An issue preventing the import of a .mdl block model file has been resolved.
- **Case: CORE-7192** An issue causing system instability, when closing a project with the **Extract Objects** screen displayed, has been resolved.
- **Case: CORE-7178** The **Values** drop-down list in the **Edit Attributes** screen initializes correctly.
- **Case: CORE-7171** Breaking strings with other strings (BKI or BKS) correctly breaks the target string.
- **Case: CORE-7145** After breaking a string with another string (BKI or BKS), attributes are edited correctly on resulting string segments.
- **Case: CORE-7139** In **COPYMOD**, default values of the new origin and angles are being set correctly set when angles and origin are blank.
- **Case: CORE-7123** A **legacy data driver problem** causing system shutdown when reopening projects has been guarded against. In this version, a warning of unexpected driver input is issued, but all loadable project items are loaded

afterwards.

- **Case: CORE-7122** An instance of system instability, if closing a project whilst the **wireframe-volume** screen is displayed, has been resolved.
- **Case: CORE-7119** An issue causing system failure, when unloading objects via the **Data Object Manager**, where table data is selected, has been resolved.
- **Case: CORE-7099** **COMPSE** ignores trivial gaps between concurrent samples.
- **Case: CORE-7091** Internal block model blocks are rendered correctly in the **3D** view when clipping.
- **Case: CORE-7069** The **Edge Cylinder Segments** label is no longer truncated in **Tools>> options >> 3D**.
- **Case: CORE-7054** Messages no longer overlap on product splash screens.
- **Case: CORE-7031** An issue causing system instability, if cancelling the **Image Registration** dialog before the specified image has loaded, has been resolved.
- **Case: CORE-7028** The **3D** view no longer unexpectedly shifts view position after using the **View Controller**.
- **Case: CORE-6793** You are now only notified of excessively large legends if the total number of bins exceeds 1000. Previously, the limit was 100
- **Case: CORE-6877** The system no longer halts unexpectedly if the file source of a histogram chart cannot be found.
- **Case: CORE-6839** An issue causing incomplete export to Surpac .mdl format has been resolved.
- **Case: CORE-6818** An issue preventing accurate data picking in **3D** views, when high magnification has been applied, has been resolved.
- **Case: CORE-6807** A data-specific issue causing system shutdown after importing a **3D** sheet template has been resolved.
- **Case: CORE-6781** In the create-new-legends command, changing the **Precision** value (of a Numeric Range legend) no longer results in the custom defined Range Filter being reset back to the defaults.
- **Case: CORE-6594** An issue causing system shutdown when moving points with the snap mode set to 'Lines' has been resolved.
- **Case: CORE-6548** An intermittent problem causing an unclean shut down of the system after importing files via the **Vulcan** driver, has been resolved.
- **Case: CORE-6433** Mouse scrolling when editing date ranges in the **Create New Legend** wizard is no longer using inverse controls.
- **Case: CORE-5238** An issue causing the **Data Converter** to fail when accessing it via script has been resolved.

- **Case: CORE-4085** In **COMPBE**, where *FROM-TOs* are greater than *@MINGAP*, compositing will continue at the next interval of the same hole, and won't skip to the next BHID as previously.
- **Case: CORE-3694** An intermittent issue causing **3D** window zooming to fail after filtering has been resolved.
- **Case: CORE-3189** Unexpected rounding results in the *A0* and *B0* columns when using **COMPBE** have been resolved.
- **Case: CORE-2692** Spinner button behaviour in **Tools >> 3D >> Initial States** is as expected.
- **Case: CORE-2405** **COMPDH** produces accurate results when the *EOH* interval is 0.
- **Case: CORE-1449** An issue causing **COMPBR** to become unresponsive with certain interval values has been resolved.



DATAMINE

Datamine enables efficient and sustainable mining through the application of world-leading technology and services.

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