MAINTENANCE AND SUPPORT
Software updates 2019

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GEOVIA SURPAC™

NEW FEATURES • IMPROVED CAPABILITIES • **BENEFITS**

3DPDF creation support. Block model shells, strings, triangulations and drillhole data can now all be exported as displayed from the graphics window into a 3DPDF format.

Merge multiple point clouds into a single point cloud. This streamlined workflow permits more efficient and effective use of tiled point cloud datasets.

Selective point cloud meshing using a string as a constraint. This permits more efficient meshing of point clouds for downstream use.

SDM Version 2 support. A new version of the SDM file is now supported permitting enhanced use of meta-data and greater interoperability with MineSched and the 3DEXPERIENCE Platform.

Clip DTMs using other DTMs. Enhanced clipping functions now permit multi-surface clipping for more efficient meshing workflows.

Stope Optimizer generates optimum stope designs for a range of underground mining methods and produces stope inventories from a block model that spatially represents the location of the mineralization. Surpac 2020 see's additional functionality added to Stope Optimizer with a focus on improving the users ability to run What-If Analysis.

The stop slicing capability of the stop design tools brings improvements to slicing multiple solids, use of SDM 2.0 to have typed attributes and export of attributes such as density.

With the new point cloud capabilities you can work with only the point cloud data you need through the use of point cloud classifications. Quickly generate solids without unwanted noise such as equipment or vegetation through the use of lexicographic meshing.

Users are now allowed to sort SDM files by metadata, reclassify and colour data based on different criteria, adding great flexibility.

Improvements to 3DPDF support

DGN plugin support

AutoCAD 2018 support

Extended Vulcan block models with nulls in numeric attributes now correctly displayed

ODBC performance fix for SQL

acQuire upgrade and connection issues resolved

New fonts supported for UI font editor

Save file now retains active file name with no issues

Create DTM with boundary has been fixed

GEOVIA MINESCHED™

Read and write the OMF V1 file format. A new file format to seamlessly transfer data between mining software packages.

New Autosave function. Users can now define a set duration between an automated save process, ensuring valuable work is not lost due to unforeseen events.

Import Locations can now split locations by Trisolation name. When a number of Trisolations are grouped under a single Triobject name, they are now split to be treated as separate Mining Locations, saving significant time when naming multiple mining locations.

New ability to change the order of underground and surface mining locations. Up and down arrows have been added to the Underground Locations and the Evaluate Surface Locations tabs to allow the list to be re-ordered.

You can now upload the results of a MineSched schedule to the 3DEXPERIENCE platform to analyze and share the schedule data. With report authoring and analytics, users can gain insights and knowledge about the tactical schedule. More importantly, with dashboarding and collaboration, you can share those insights and knowledge with other stakeholders.

New ability to use production activities to constrain the start of a development heading. Users can now set rules that require a set production location activity (e.g. backfill) to constrain the start of a development heading for greater control over scheduling.

Quickly and easily update the starting position of the schedule based on survey results and development reports with the new Development Progress Tracking tab.

Mining Locations created as part of the Surpac Stope Shape Optimizer (SSO) can now be directly imported into MineSched via the SDM Model process. To enable this workflow, a new Locations type option has been added to the Location Grouping workflow, and the option to select Stopes is available.

Quickly and easily update the starting position of the schedule based on survey results and production reports with the new Production Progress Tracking.

On the new MineSched user interface, you can use the ribbon to access the tabs and the commands. In the Ribbon display options list on the title bar.

Changes to Location names in Spreadsheet View.

Changes to Material Movement rules while performing stockpile blending calculations.

Performance improvements while using the Evaluate Headings process.

Spreadsheet tools replaced with a more modern solution.

GEOVIA MINEX™

Stability improvements to Core, Borehole and Seam Modelling

Updated Geostatistics to version 6.9.

GEOVIA INSITE™

NEW FEATURES • IMPROVED CAPABILITIES • BENEFITS

Enhanced Edit Data Rejects forms

Stockpile management improved through the follow: Timeline trend and chart display, Increased correctness for charts and Improved Error messages

Improved policy for master data on Activity Data Rejects

Increased file size limit for Cube processing ETL jobs

Improved reporting with correct values in Data warehouse and Cube

New option in Deploy a new BI solution form in InSite Configuration tool to generate ad hoc reports

Improved business validation for Shift Management

Improved Material Balance for correct calculation

GEOVIA GEMS™

NEW FEATURES • IMPROVED CAPABILITIES • BENEFITS

Support for reading and writing SDM files with geolocation information

View the confirmation message only once for all the end-points that you want to delete

Support for the GEOVIA SDM version 2.0 files

The issues with confirmation messages that were displayed for all profiles when you deleted multiple profiles have been fixed

The issues with the warning message that was displayed when you performed a block model reblock and the bounds were equal to the bounds of the original block model have been fixed

The issues with the ´All Files´ option in the Save as type list that was not available for the Export Blast Holes to ASCII File command have been fixed.

GEOVIA PCBC™

New module for short term interval control (SIC) within Draw Order Tool.

Complete rework of the way that grade elements are used within PCBC and PCSLC. Includes potential upgrade to a maximum of 300 grade elements.

Further enhancements of export options to MineSched and Surpac

Speed improvements to numerous Excel reports

Updated menu. Removal of several old / obsolete profile editors and menu options

TRIM rings to solids utility in PCSLC. Around 100 times faster than the previous workflow.

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