



RELEASE NOTES

info@promine.com








Promine 2020.05 Release Notes

This document contains a description of new commands, improvements, bug fixes, and changes included in Promine version **2020.05**. These are in effect from the release of the version made on **May 1, 2020**.

Copyright

© 2020 Promine Inc. All rights reserved. It is strictly prohibited to copy, distribute or otherwise deal with this document except in accordance with the Promine End User License Agreement.

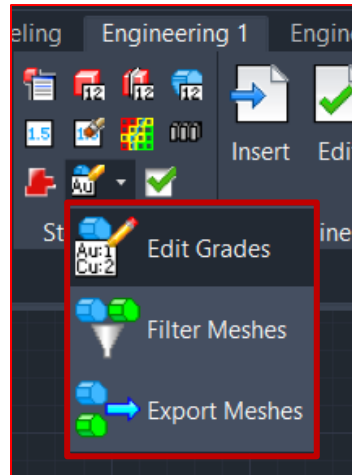
Content

New Features	1
Module: Stope Design	1
Improvements	4
Module: Promine Tools	4
 License	4
Module: Mine Planning	5
 MPLI/MPL - Insert/Edit	5
Module: 3D Model	6
 3DMR – Reduce Mesh	6
Module: Promine Live Survey	7
 LSVF – Mark Face Walls	7
 LSVI – Stake Instrument Target	8

New Features

Module: Stope Design

Three new commands were added to the “Stope Design” module. You will find them in the **Engineering 1** tab.

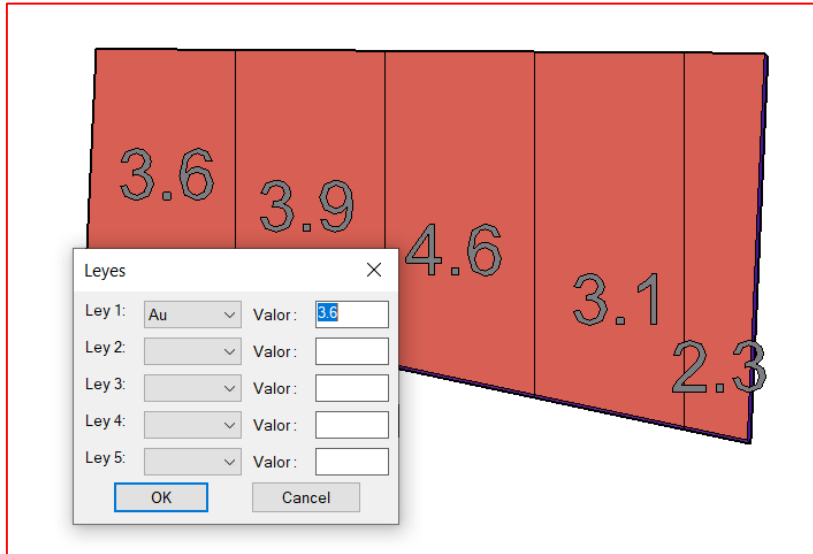


STDG – Edit Grades

This command will allow the user to assign up to 5 grades to a selected mesh representing a stope. The user will be able to configure the grades that they wish to assign to this mesh by going to the Promine options (PROMDEF).

The user will have to:

1. Run the command
2. Select the 3D Model
3. Select a grade from the list
4. Enter a grade value
5. Click OK

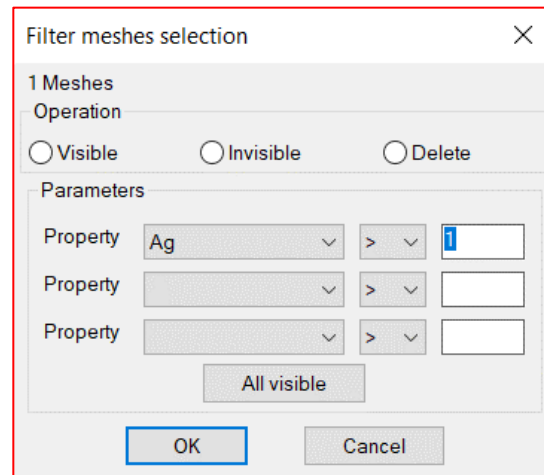


STDF – Filter Meshes

This command allows you to filter the grades contained within the meshes that were edited with the command **STDG – Edit Grades**. The command works similarly to the filter used by the command **BLKFL – Blocks Filter**. The user can decide whether to make the selected meshes visible or invisible, or even to delete them according to the selected parameters.

The user will have to:

1. Run the command
 1. Choose whether he/she wants to select all meshes
 2. Choose the operation to perform, followed by the grade or grades that they wish to filter, followed by the operation symbol (>, <, =), and finally enter a value.
1. Click OK to see the result.





STDX – Export Meshes

This command exports data from the selected meshes to a CSV file. The result will contain the volume, tonnage (calculated with the chosen density), XYZ coordinates, and grades contained in that selected mesh. The user will have to:

1. Run the command
2. Choose the CSV file name
3. Choose the density with which the program will calculate the tonnage.
4. The result will be displayed like this:

Volume	Tonnage	East:	North:	Elevation:	Ag	Au
124.9	343.3	2250	3115	1100	0.273	0.06
124.9	343.3	2250	3115	1105	0.335	0.073
124.9	343.3	2250	3115	1110	17.769	3.906
124.9	343.3	2250	3120	1100	4.099	0.899
124.9	343.3	2250	3120	1105	13.363	2.93
124.9	343.3	2250	3120	1110	24.842	5.455

Improvements

Module: Promine Tools



License

The borrowing time for a license has been increased from 7 days to 30 days. **Users will need to contact Promine Support and request this change to be made if they desire to take advantage of it.**

Licensing

Licenses provider

Promine online license server Licenses available: 19 / 25

Local license server

Server name:

This computer data

Serial Number:

Current Licenses

Module	License expires on	Borrow expires on
3DB	30-Sep-2020	-
3DD	30-Sep-2020	-
3DM	30-Sep-2020	-
3DR	30-Sep-2020	-
BLK	30-Sep-2020	-
DDB	30-Sep-2020	-
DDH	30-Sep-2020	-
DIL	30-Sep-2020	-
DRI	30-Sep-2020	-
DRS	30-Sep-2020	-
EDA	30-Sep-2020	-
FIL	30-Sep-2020	-

Activation

Release

Borrow

User: ROBINMONTUFAR

Borrowing time in days (1-30)

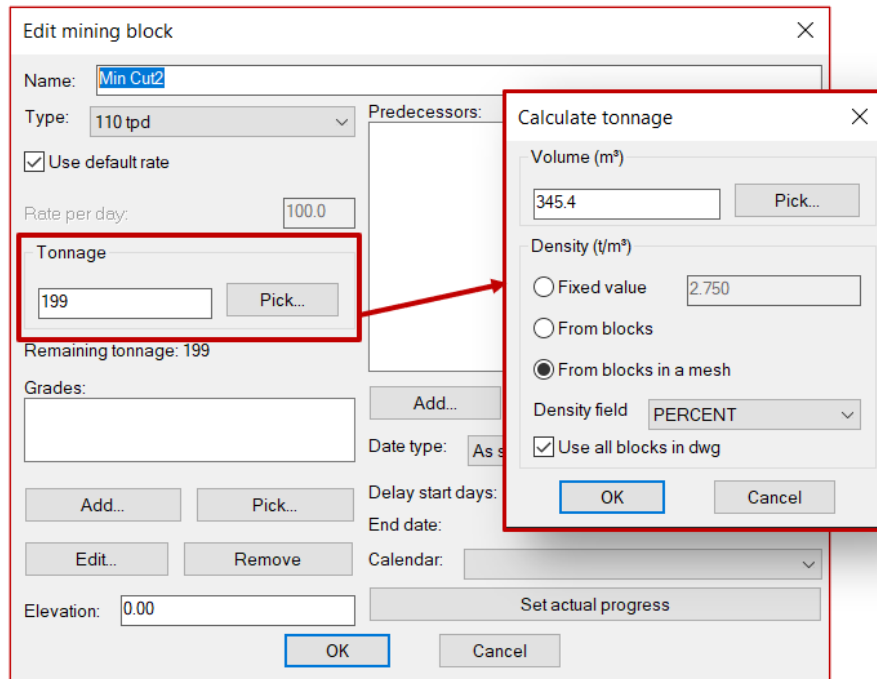
Reborrow when possible

Borrow convention

Module: Mine Planning

MPLI/MPLA – Insert/Edit

The command now contains a tool that will allow you to perform tonnage calculations for a mining block. Under the "Tonnage" section, there are now three options for calculating density: fixed density value; from a selection of blocks in the drawing; and from the blocks contained in a selected mesh.



To perform the tonnage calculation in this section, the user will have to:

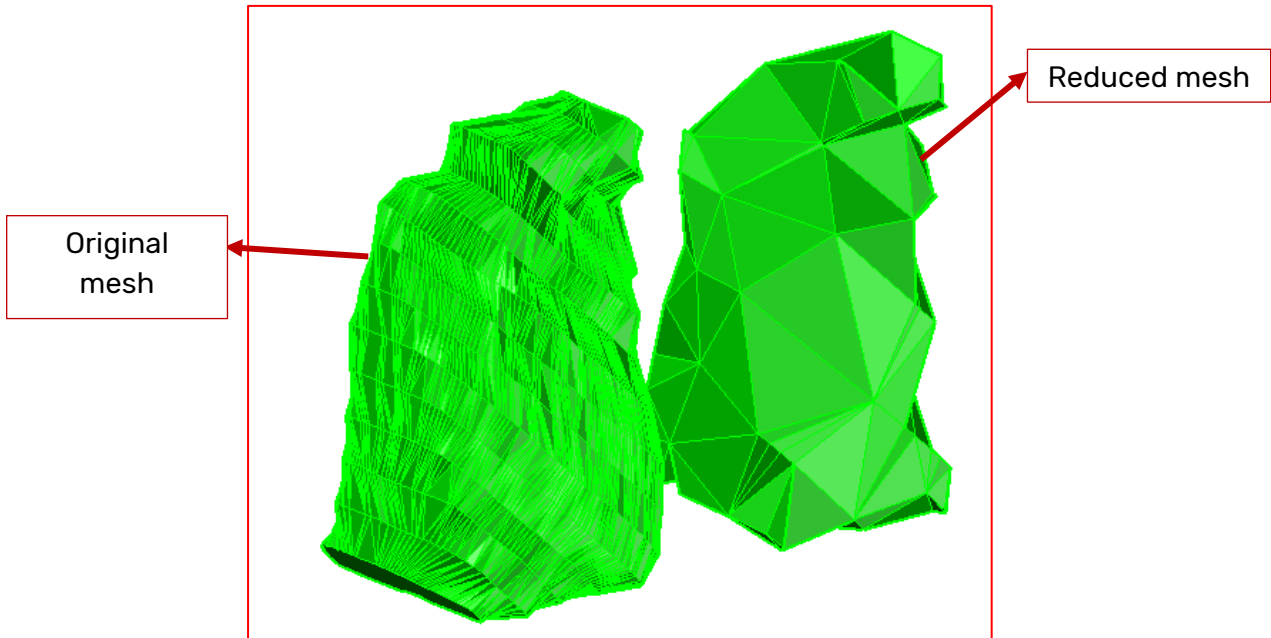
1. Choose the model from where the volume is to be extracted
2. Choose **Density** type to use:
 - a. Fixed Value: is a value set by the user
 - b. From Blocks: the value is an average of the density from the selected blocks.
 - c. From Blocks in a mesh: Similarly, the value is the average density from the blocks contained within the selected mesh.
3. Check the box "**Use all blocks in dwg**" if you want to use all the blocks in the drawing, otherwise the user will be able to individually choose the blocks that he/she wishes to analyze in the drawing.
4. Once the program does the tonnage calculations using the density, the tonnage value will be placed in the **Tonnage** section in the main window.

Module: 3D Model



3DMR – Reduce Mesh

We Improved the algorithm and the speed at which the command generates a reduced mesh. This enhancement will allow the user to obtain a mesh at a faster rate.



Module: Promine Live Survey



LSVF – Mark Face Walls

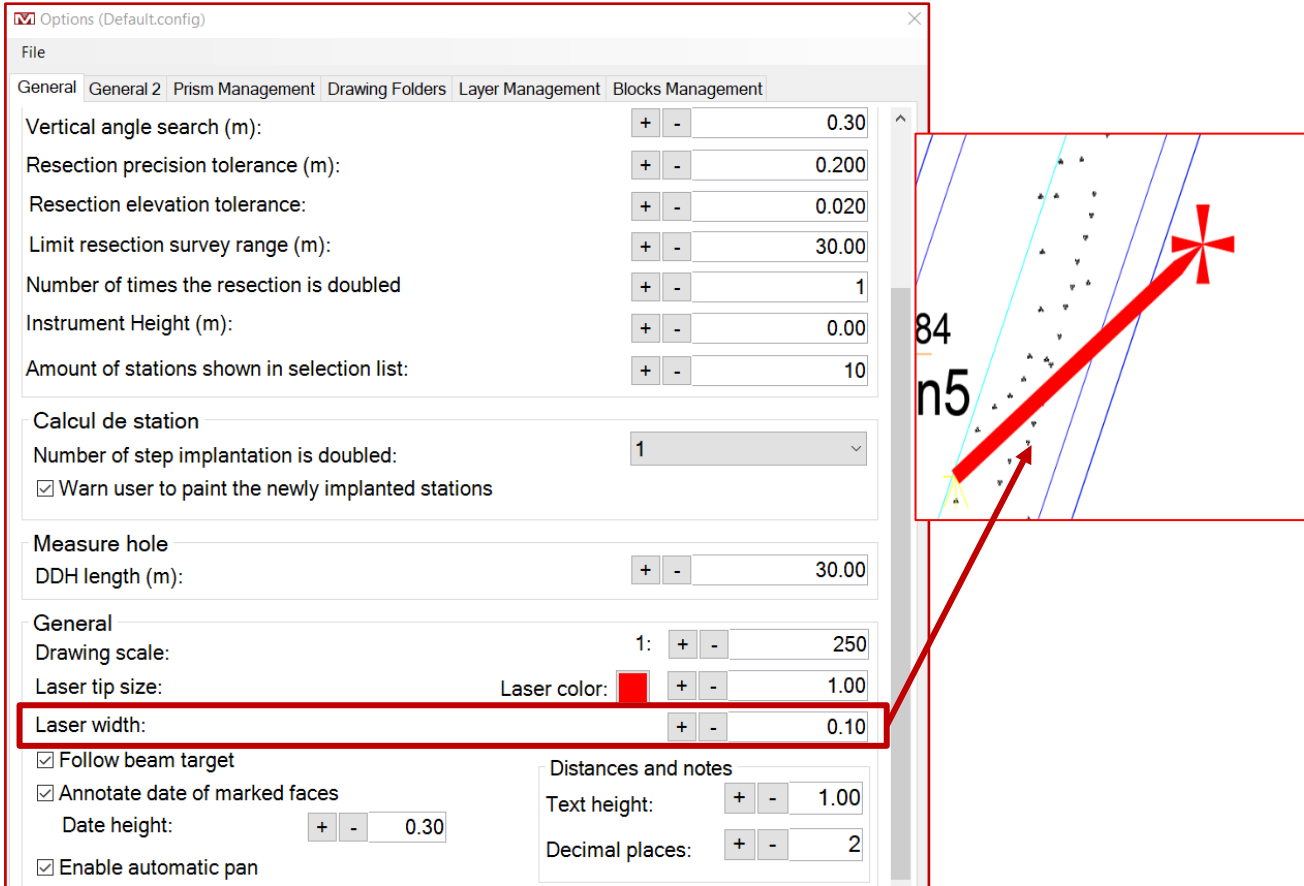
An option was added to choose the laser thickness shown on the drawing when using the manual or automatic scans for this command. This thickness can be changed in the module's options and under the **General 2** tab. You must go to the section **"Mark Face"** and then choose the thickness you desire under **"Line Width"**.

The image shows a screenshot of the 'Options (Default.config)' dialog box in the Promine software. The 'Mark Face' section is expanded, and the 'Line width' option is highlighted with a red box. The value for 'Line width' is set to 0.20. To the right of the dialog box, a 3D visualization shows a green line representing a mark face wall. The wall is composed of several parallel lines. A red arrow points from the 'Line width' option in the dialog box to the thickness of the lines in the 3D model. The 3D model also shows several surveying stations labeled STNA, STNB, and STNC, and a station labeled '28.8 Stn5'.

Section	Option	Value
Drift Dimensions	Default drift width (m)	5.00
	Default drift height (m)	16.00
Section Survey	Section tolerance end distance (m)	0.30
	Show section breaks	<input checked="" type="checkbox"/>
	Over break color	Green
Mark Face	Default marking height (m)	1.50
	Horizontal speed	Average
	Mark Face Color	By Layer (Magenta)
	Line width	0.20
	Center line blinking time (s)	5.00
	Right to left switch delay (s)	10.00

 **LSVI – Stake Instrument Target**

An option was added to choose the thickness of the laser show on the drawing when this command (LSVI) is used. The thickness can be changed in the Live Survey module options. Under the **General** tab and then in the **General** section, you may select “**Laser width:**”.



Options (Default.config)

File

General General 2 Prism Management Drawing Folders Layer Management Blocks Management

Vertical angle search (m): + - 0.30

Resection precision tolerance (m): + - 0.200

Resection elevation tolerance: + - 0.020

Limit resection survey range (m): + - 30.00

Number of times the resection is doubled + - 1

Instrument Height (m): + - 0.00

Amount of stations shown in selection list: + - 10

Calcul de station

Number of step implantation is doubled: 1

Warn user to paint the newly implanted stations

Measure hole

DDH length (m): + - 30.00

General

Drawing scale: 1: + - 250

Laser tip size: Laser color: ■ + - 1.00

Laser width: + - 0.10

Follow beam target

Annotate date of marked faces

Date height: + - 0.30

Enable automatic pan

Distances and notes

Text height: + - 1.00

Decimal places: + - 2