

Newsletter



DECEMBER
2017

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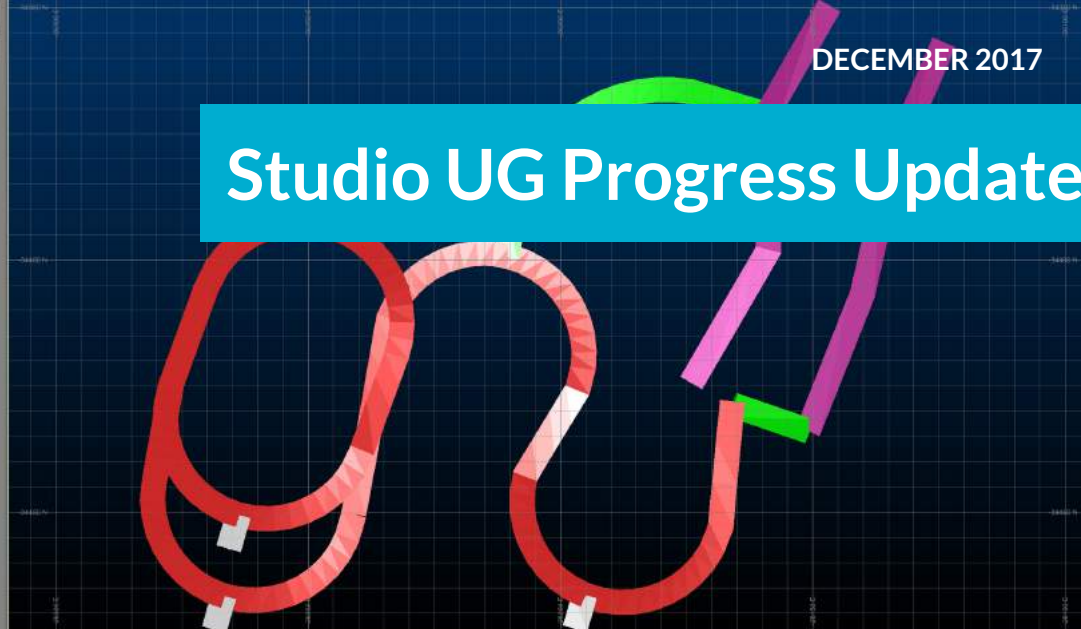
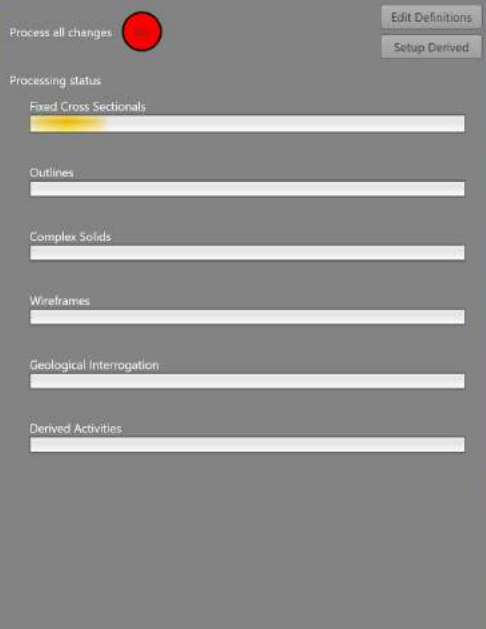
Working with MJD

FESTIVE
SEASON
ISSUE

As the year draws to a close, Datamine would like to extend our sincere thanks to our many customers in all corners of the globe for your continued business and contributions to our product development strategies. We look forward to working harder than ever to serve your needs in 2018. Some highlights from 2017 as we briefly glance in the rear view mirror:

- Welcomed more than 200 new customers as part of the MapInfo Discover acquisition, and deepened the connection with over 200 other sites already using both Discover and Datamine products.
- Rolled out Studio OP to over 120 customers and delivered the new auto-design features for rapid bench and ramp design. The fun has just begun!
- Implemented a new touch-mode in DHLogger to make field-work use easier.
- Continued to add user-suggested features to all major product lines, such as dashboards in Fusion Report Manager and improved charting and implicit modelling features in Studio RM.
- Completely re-written Studio 5D Planner from the ground up - readying for customer rollout as Studio UG in 2018.
- Over 35,000 views of tutorial and webinar videos on the Datamine YouTube channel

Studio UG Progress Update



Version 1.0 of Studio UG was released in June 2017 to give you a taste of the new 3D design environment and access to the latest MSOV3 technology.

Studio UG v2.0 delivers the replacement for Studio 5D Planner scheduling functionality that users have been eagerly awaiting. Internal beta testing of this version is currently underway.

Customers will have access in early 2018 and the upgrade will be progressively released throughout the year as customers have time available to do their own testing and familiarization with the new product.

At Datamine we are very excited about the speed, efficiency and quality improvements in Studio UG that make the job of mine planners a pleasure to undertake.

Enhancements

The enhancements in Studio UG are too numerous to mention, but we thought we could highlight just a few to whet your appetite:

- Single step processing - one click delivers all your wireframes, evaluation results and schedule entities such as derived activities.
- Huge speed improvements - completely new wireframing and segmenting algorithms deliver the data in a fraction of the time.
- Multiple design files per type - makes it easier to manage multiple designs in a single scheduling project, avoiding the need for combine and write-back processes.
- Improved EPS integration - dynamic connection with changes reflected instantly
- And loads more - 64 bit for large data sets, long field names, multiple 3D views with independent controls, Ventsim integration, unlimited design definitions, new auto-linking options..... the list goes on

Design Definitions

Fixed Cross Sectionals | Outlines | Complex Solids | Wireframes

Identification		Display Settings			Shape	Segmenting			Default...	Default Rate			Exclude
Name	Descripti...	Colour	Linestyle	Symbol		Method	Number	Length		Quantity	Unit	Period	
Access	Access	10	1	201	Default...	ByLength	N/A	15	AsSoon...	60	m	Month	<input type="checkbox"/>
Cubby	Cubby	12	1	201	Default...	ByNumb...	2	N/A	AsSoon...	60	m	Month	<input type="checkbox"/>
Decline	Decline	2	1	201	Default...	ByLength	N/A	20	AsSoon...	60	m	Month	<input type="checkbox"/>

OK Apply Cancel

Design definitions use unique Name labels, so you are no longer restricted to unique combinations of COLOUR/LSTYLE/SYMBOL

Datamine Datablast

Release Preview

The latest DataBlast update, Version 2.0.0 is now being rolled out to customers.

DataBlast Version 2.0.0 is a great advance for the product with much of the changes driven by feedback from customers. With a multitude of enhancements, bug fixes, and additional features added, this latest version of DataBlast has been a massive undertaking.

Modular ProVision Drill Navigation System support

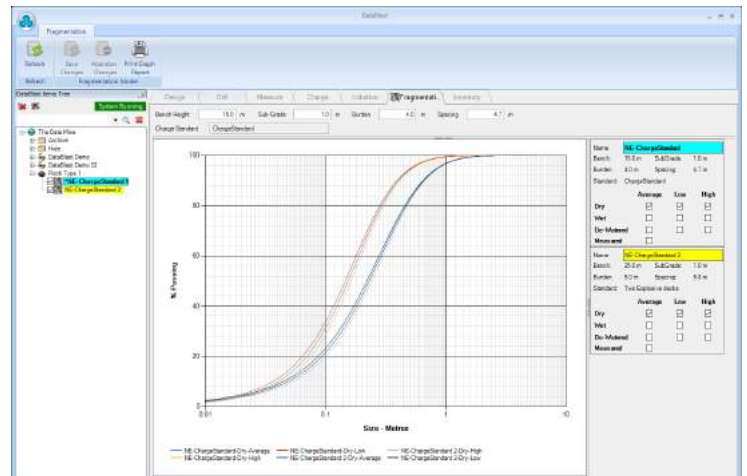
The ability to integrate realized drill data back into DataBlast has been an incredibly powerful tool, making QAQC of drill patterns just simple. Having this ability makes Charging and Initiation designs much more accurate and helps users understand their operations quicker and easier. Now added to the extensive list of supported Drill Navigation systems, is Modular ProVision.

More CSV import functions

DataBlast features multiple methods of collecting and integrating realized data from Drill and Blast operations, making a powerful Drill and Blast software system with the advantages of a robust database. Recognizing the many weird and wonderful ways people around the world manage Drill and Blast, DataBlast now also allows users to bring in realized data via CSV imports. With this added flexibility, using the DataBlast database system is even easier.

Added Fragmentation Module

DataBlast has now added a Fragmentation Module, further closing the loop in Drill and Blast operations. Model multiple rock types and compare Particle Size Distribution of your Drill and Blast designs to best achieve the blast result desired. The module outputs elegant Particle Size Distribution graphs and tables to store against your design.



Particle Size Distribution graphs and tables to store against your design

"makes charging and Initiation designs much more accurate and helps users understand their operations quicker and easier. "



Why predict fragmentation unless you can measure it?

As of the 6th of December, Datamine software is excited to announce resale partnership with WipWare technologies.

With this new partnership Datamine delivers extended functionality to our blasting operations suite. WipWare is an industry leader in photographic fragmentation analysis technology

Introducing WipFrag

WipFrag is an incredibly powerful Photo-analysis tool for particle size distribution. Users of the WipFrag system will be able to upload photos of their muck-piles and instantly output accurate measurements of blast fragmentation. With this ability operations can vastly improve productivity and optimize mining cycle efficiency.

What this means for DataBlast users?

DataBlast is a comprehensive Drill/Blast Management and Design solution. For the first time, in conjunction with WipFrag, users will now be able to finally close the Drill and Blast loop.

DataBlast users will be able to utilise DataBlast's database system to review previous designs, evaluate their effectiveness and optimize the next design. You'll also be able to Control and record implementation of designs with DataBlast then analyze the Fragmentation results using WipFrag.

Key Benefits:

- Detect Irregularities
- Establish Quality Control
- Characterize Geology
- Increase Throughput
- Instant Results
- Improve Fragmentation
- Objective Quantification

Fusion Report Manager

“
**Use the new Map
 Widget in Report
 Manager to
 graphically view
 your Drill Holes or
 Surface Samples in
 Dynamic new**
 ”

The latest release of Report Manager for Fusion and LIMS delivers exciting new features to users.

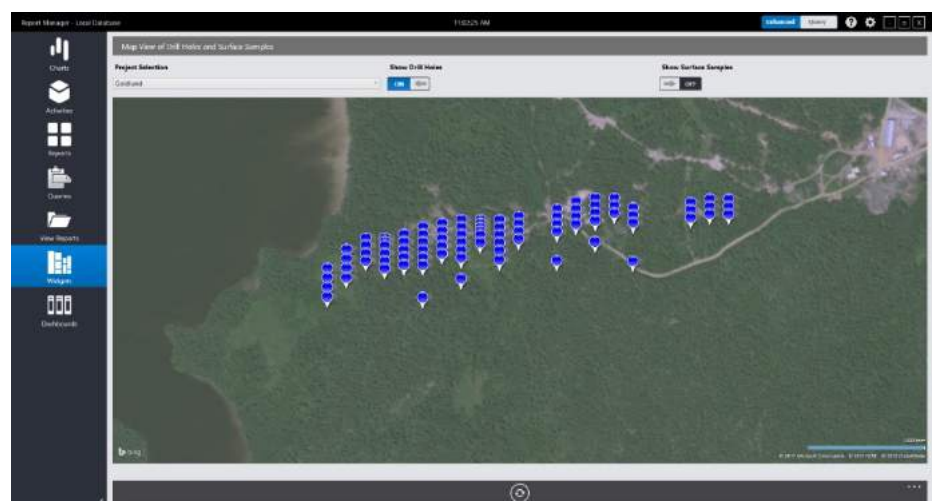
Easily organize your charts, queries, reports and activities into Custom Folders that you define. Allow folders to be public or private.

A complete Report Writing module has now been included in Report Manager. Create professional, publishable reports in minutes, export to a multitude of formats, automatically distributed by Fusion Client

Use the new Map Widget in Report Manager to graphically view your Drill Holes or Surface Samples in Dynamic new

Make use of the new ‘Dashboard’ to quickly group and visualize any Report Manager objects in a live Dynamic view.

In addition to the new features listed above ‘Jobs’ can now be created, scheduled and run by Report Manager to deliver reports directly to users email inbox with no user intervention.



Map drill holes and surface samples graphically

New Release of SUMMIT

Version 1.2 of SUMMIT's data management has now been released and is available to all users with up to date maintenance on a Studio product. This version is supported on multiple browsers and hardware including mobile and tablet devices.

Visualisation

This version has a brand new visualisation component using the latest WebGL technology. Visualisations can be easily configured by geologists or engineers and provided as a web link to other registered users of SUMMIT who aren't necessarily users of desktop mining software. Multiple objects can be displayed in a single scene and coloured using uploaded Studio legends. The recipient of the web link can interact with the scene by turning off objects, displaying only selected legend items and changing transparency. It's a great way to deliver visual information from your desktop software to a wider audience.

Data Tags

The business of categorising data on SUMMIT has also improved. Data tags can be defined and applied to any uploaded file. An example of this is to implement a custom status such as *workflow:pending, status:approved, status:rejected*. Another example is to create a project tag to allow people to quickly locate all the files associated with a specific project or study. Any file can be uploaded, not just Datamine software related data.

Tag values can be displayed within the main data grid itself so the standard options for searching, sorting and filtering can be used on tags as well as standard file attributes such as name, date and type.

SUMMIT sits on top of services provided by the Microsoft Azure cloud computing platform which itself is continually improving. This provide security, reliability and scalability for data processing. SUMMIT's architecture allows for processing on the cloud which can potentially be customised. Current examples of processing are the automatic calculation of grades and tonnes and drillhole validation that occur when block models and desurveyed drillhole tables are uploaded.

Contact us for access to a demo preview site.

AUTO-FILTERS	Name	Data Type	Workflow	File Type
All	_vb_epitmergetr	Pit Design (Wireframe)	Rejected	Datamine
Created by Me	_vscfstr	Surface Data	Rejected	Datamine
Recent	_vurfdvstr	Design (Wireframe)	Pending	Datamine
TAGS	_vb_hpitstrings	Pit Design (String)	Pending	Datamine
New Tag	_vxpdrstr	Design (Wireframe)	Pending	Datamine
TZONE	_vb_q000tr	Pit Design (Wireframe)	Approved	Datamine
ConfidenceEstimated	_vbmmin	Block Model	Approved	Datamine
ConfidenceInferred	_vb_sollcamp	Point Samples	Approved	Datamine
Inferred	_vudha5c	Desurveyed Drillholes	Approved	Datamine
Underground	_vb_mod1	Block Model	Approved	Datamine
OpenPit	_vb_mod2	Block Model	Approved	Datamine
WorkflowPending	_vb_holesc2	Desurveyed Drillholes	Approved	Datamine
WorkflowRejected	_vb_modgr2	Block Model	Approved	Datamine
WorkflowApproved	_vBiso_au25tr	Mineral Interpretatio...	Approved	Datamine
	Standard Datamine...	Legend		Datamine ELG File
	Litho codes	Legend		Datamine ELG File
	Evaluation Legend	Legend		Datamine ELG File
	_vsded1vfr	Design (Wireframe)		Datamine
	_vsdevtr	Design (Wireframe)		Datamine

Working with MJD

Datamine along with Maden Jeologlari Dernegi (MJD) held a two day workshop (23rd & 24th of November 2017) in Ankara, Turkey.

The focus of the Workshop was on the new range of products, to understand the shift from a modular to a solution based approach, the configuration of these new products and the benefits to users. In addition, the workshop also highlighted innovative developments on several of our existing products.

The feedback from the 56 participants indicated that the objectives of the workshop were successfully realized. The presentations by speakers were of high quality & resourceful.

The two-day workshop was found to be a practical method to raise awareness in the user base of new and useful enhancements in the products they use in everyday work. Further work is planned to arrange more intensive workshops on specific topics of interest.





New Support Changes

We would like to introduce you to our cloud based Support Portal.

The support portal provides you with the ability to:

- Log support tickets,
- Add comments to your tickets
- Monitor the progress of your tickets from creation through to closure.
- Access our knowledge base

This support portal improves our ability to communicate and interact with you during the support process.

The option to email support directly is still available. A ticket is automatically created from an email sent through our support mail box. You then have the option to view and monitor the progress of the ticket through email or our support portal.

Alternatively, adding a support ticket can be achieved easily by completing the online form. You have the option to embed pictures into your case description and to attach files (15MB limit) directly to the case. Requester, subject and description are compulsory fields.

