



**MADEN JEOLOGLARI DERNEĞİ  
TURKISH ASSOCIATION OF EXPLORATION GEOLOGISTS**

**Application of Datamine Suit of Products for  
Exploration, Geology and Mining**

23-24 November 2017 Ankara / TURKEY



**DATAMINE**

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# **Smart, Fast & Secure: The New Generation of Mining Software**

by  
**Datamine Team  
Datamine International Ltd.**

**23 – 24 November 2017 @ 09:00 - 17:30**

## **Introduction**

Maden Jeologları Derneği (MJD) along with Datamine announce a workshop with practical usage of Datamine mining software. MJD would be glad to see all interested parties into this seminar on November 23-24, 2017.

Datamine is a world leading provider of mining software technology and services that are required to plan, manage and optimize mining operations. Our solutions span the entire value chain across exploration geology, geostatistics, resource modelling, mine planning and operations management.

Since the 1980s, Datamine has continuously improved its technology to help increase the efficiency and productivity of its users. Datamine has also bridged the link between planning and production with its Mine Operations software.

2015 has been a significant year for the company; we are now part of Constellation Software Inc. and have re-packaged our modular products to solution based systems. These have a completely new look and feel, which has been very well received by our users around the world. Significant improvements have been made to our Open Pit Solution taking this ahead of many of its competitors.

The focus of this Workshop will be 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 will also highlight innovative developments on several of our existing products.

## **Achievement**

This seminar is suitable for all levels of expertise and will introduce the followings:

### **An introduction to Studio RM with Advanced Geostates – Datamine’s next generation Resource Modelling software :**

*Studio RM is the successor to Studio 3 and focussed specifically on resource modelling. This presentation will introduce the product and demonstrate some of the great new features it contains. Datamine, released new Module called advance Geostates of Studio RM developed with the collaboration with Geovariances.*



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*The Advanced Estimation (AE) module provides a range of methods for estimating grades into a block model including both univariate and multivariate kriging methods. With univariate kriging each block estimate is calculated from the sample values for a single variable (grade). The multivariate cokriging method uses values from other grades that are correlated to the grade being estimated.*

*This module also come with the capabilities of Uniform Conditioning. The main aim of Uniform Conditioning is to estimate the recoverable tonnes and grade for a range of cutoff grades for a given size of Selective Mining Unit (SMU) within a resource model.*

#### **Geological Database Management System(GDMS) :**

*Geological data forms the fundamental underlying basis for resource models and mining resource/reserve evaluations. It is critical for mining and exploration companies to protect this investment with modern governance systems to control the process and securely store the data. Datamine offers a comprehensive range of integrated products for data capture, analysis, storage and reporting of geological data as well as geotechnical and geochemical information.*

#### **Core Profiler : Visual Core Logging**

*Core Profiler is a software-based logging tool that builds a scaled continuous image of drill core from hand-held core tray or core split photographs. The Core Profiler software allows logging of geological and geotechnical information directly from the scaled image. Logging sheets, data dictionaries, reference images and links into the reference library are user-defined and can be set up to follow standard mine conventions. Images and data can be exported to the software packages most commonly used by mine sites.*

#### **Datamine Discover 3D :**

*Datamine is proud to announce the acquisition of Pitney Bowes' MapInfo Discover suite. The Datamine Discover suite of products provides solutions and services for the successful discovery evaluation development and management of natural resources.*

#### **Studio OP and Schedule Optimization with Automated Pit Design :**

*We introduce the next generation Studio OP with a redesigned interface now including reserves generation tools, improved manual scheduling tools and a new schedule optimization capability in the cloud.*

*Datamine are developing some exciting new tools to automate the task of open pit design and avoid the labour-intensive manual techniques of the past. This presentation will show the current progress of these new tools, and give you a unique opportunity to provide feedback during the development process to help mould the final product.*

#### **DataBlast, a comprehensive blast design and management system :**

*DataBlast is a multi-user system covering the entire drill and blast process from design to in-field operations. Electronically transfer data, respond to changes in real time, and generate reconciliation reports. Identify trends and improve blasting performance over time.*



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**NPV Scheduler news :**

*Datamine's NPV Scheduler provides a complete strategic open pit mine planning system with functionality spanning everything from pit optimization, pushback generation, cut-off grade optimization, scheduling, haulage optimization and stockpile management, geological risk assessment and multimine scheduling. NPV Scheduler has been used in the mining industry as one of the main component for ore reserve calculation for more than 17 year now. There're a lot of new features, improvement and bugs fixes. The presentation will contain a combination of old and new features.*

**New Features in Sirovision 6.1**

*An overview of the new features in the latest release of Sirovision 6.1; the new laser survey method for the Sirovision underground system, new export formats for the 3D images, the latest cameras that are supported and the improvement in performance. In addition, there will be an overview of what's coming in version 6.2.*

**Course Schedule & Venue**

The course will be held on November,23rd – 24th , 2017 between 9:00 AM- 5:30 pm

Venue: The Workshop will be held on in Ankara, Turkey. The Venue place will be declared later by MJD.

**Course Language**

English (Simultaneous translation will not be available)

**Course Level**

All Levels

**Course Fee**

	<i>University / Academics</i>	<i>Datamine Clients under Maintenance / MJD members</i>	<i>Non Datamine Clients / Non-MJD Members</i>
<b>Registration Fee*</b>	<b>100 TL Limited seat is allowed</b>	<b>400 TL</b>	<b>500 TL</b>

\*Registration Deadline: 15 November 2017 @ 17:00.

All payments should be transferred into MJD Account before the deadline. MJD keeps the right to change or cancel the event according to the interest from the members. Please contact MJD office to register.

**Note: Datamine Software download ID and Password will be issued to registered participants to download Datamine software applications from Datamine website.**



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Participant will also has privilege for 10days free license of Datamine Products. Registered Participants will be requested to send HD serial no. of their computer system for the license generation.

**Course Capacity**

Unlimited

**Registration, Information and Contact**

Please contact with MJD-TAEG Office for registration and details.

*(MJD keeps the right to cancel or change the programme at any time according to the interest)*

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