MINESTIS,
THE ROUTE
TO RESOURCE ESTIMATES

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LEADER IN ADVANCED GEOSTATISTICS WITH NEARLY 30 YEARS OF EXPERTISE
LEADER IN ADVANCED GEOSTATISTICS

Independent Software Vendor
Founded in 1986
Specialized in Geostatistics
Strong Partnership with the Center of Geostatistics (Paris School of Mines)
Helps Mining Companies to meet their Resource Estimation & Risk Assessment challenges
COMPLETE SOLUTION
BASED ON GEOSTATISTICS

Software
- technical support included

Consulting
- mentoring & technical assistance

Training
- software use & methodologies
ISATIS
ALL-IN-ONE SOFTWARE SOLUTION FOR GEOSTATS

The most complete, general purpose geostatistics software
Industry benchmark geostatistics software

Leading technology: development in partnership with Paris School of Mines

PRESENTATION OF MINESTIS – EXHIBITION AND SOFTWARE DEMONSTRATION - IAMG 2015 | 5
iSAtis

ALL-IN-ONE SOFTWARE SOLUTION FOR GEOSTATS

Robust software resulting from 20+ years R&D

Tried & tested software solution used for 20+ years by top mining / consulting companies

1993

1st release of Isatis

800 licenses

275 companies
TRAINING SERVICES

Gain your autonomy:

→ dedicated to software use / geostatistics
→ public / private sessions
→ classroom / web-based training
→ standard / customized content
→ for beginners / advanced users / awareness of project leaders

Last 2 years
550+ Geoscientists trained worldwide
CONSULTING SERVICES

High quality studies accomplished by highly skilled consultants

→ Resource evaluation
   Exploration feasibility & production
→ Resource classification
→ Answers to resource reporting codes
Our clients deal with **various commodities**

- Base metals
  - Ni
  - Pb
  - Zn
  - Cu
- Precious metals
  - Au
  - Pt
  - Ag
- Bulk commodities
  - Fe
  - Al
  - U
  - Coal
- Energy
- Diamond
Our References in Mining
THE ROUTE TO RESOURCE ESTIMATES
NEW GENERATION SOFTWARE FOR MINERAL RESOURCE ESTIMATION

1. Dedicated to the Mining industry
2. Windows-Native Application
3. User-Friendly
4. Fast & Secure Workflow
FOR ANY SIZE COMPANY

Top & mid-tier mining companies
- Technical Services / Exploration / Resource Estimation departments
- Mine sites

Junior mining companies
Consulting firms
Auditors and financial analysts
SIMPLIFIED & OPTIMIZED WORKFLOW

- Recoverable Resources (UC, LUC, simulations)
- Resource Estimation (variography, kriging)
- Domain Management (Domain QC)
- Validation (Data QC)
- Data Import (Boreholes, Wireframes)
MINESTIS KEY ADVANTAGES

User-friendly
Smart, intuitive, modern user interface
Geostatistics made available to non-experts

Fast
Just one click to get deterministic and risk models all at once
Powerful technology
Fast learning curve

Secure
All-in-one streamlined workflow
Focus on most useful parameters only
Provides support tools to the parameter setting
HIGH QUALITY ESTIMATES

Coherent management of estimation domains and block models

Tried-and-tested geostatistics derived from Isatis well-proven key algorithms

23 YEARS expertise
MINESTIS
DETAILED
FEATURES
PRESENTATION CONTENTS

→ User interface
→ Background technology
→ Integrated workflow
SMART USER INTERFACE
POWERFUL TECHNOLOGY
New Generation Platform

Sound Geostatistics

Innovation with Domaining

Flexible Code in C++, Multiplatform, Windows Native

Modern User Interface

3D Visu GIS

Reporting Tools

Calculator with Easy Scripting

Raw and Validated Databases

Domain & Borehole Manipulation
New Generation Platform

Sound Geostatistics

Innovation with Domaining

EDA, Automatic Fitting, OK, Change of Support, UC, LUC, Simulations, derived from Isatis

Algorithms recoded, Parallelized, Optimized in C++

Secure Process with Data and Domain Validation
New Generation Platform

Sound Geostatistics

Innovation with Domaining

Domain Import and Validation

More to come next year…
WORKFLOW

- Data Import
- Validation
- Domaining
- Resource Estimation
- Recoverable Resources

New Generation Platform
Sound Geostatistics
Innovation with Domaining
ALL-IN-ONE WORKFLOW:
FROM DOMAINING
TO RESOURCE ESTIMATION
Data import from **CSV file** or **Isatis study**

**Original data kept unchanged** in the database for complete data traceability
Control of borehole geometry consistency
Management of duplicates and measurement detection limits
Global compositing
Exploration data analysis
→ Compositing per domain
→ Declustering
→ EDA: histogram modeling, variography
→ Global change of support
→ Kriging, UC, LUC, simulations
Output

- In-situ estimation
- Recoverable resources
- Uncertainty analysis
Flexibility in result reporting
- outputs from OK, UC, LUC, and/or simulations
- by panel and/or SMU
- for 1 or several variables
- for 1 or several domains
MINESTIS
VERSUS
ISATIS

Minestis
Dedicated to the Mining industry
Windows-native application
Modern & intuitive Graphical User Interface
Fast & secure workflow

Isatis
General purpose geostatistics toolbox
The most complete geostatistics software
Advanced geostatistics users
MINESTIS AND ISATIS

Both packages are fully connected
MINESTIS SELLING MODEL

Perpetual license + maintenance

One-year, two-year and three-year subscriptions (including maintenance)
THANK YOU FOR YOUR ATTENTION

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