

WHAT'S NEW

GEOVIA SURPAC 6.9

THE WORLD'S MOST POPULAR GEOLOGY AND MINE PLANNING SOFTWARE

GEOVIA Surpac™ is the world's most popular geology and mine planning software. It delivers efficiency and accuracy through ease-of-use, powerful 3D graphics, and workflow automation. Surpac addresses the requirements of geologists, surveyors, and mining engineers in the resource sector and is flexible enough to be suitable for every commodity, orebody and mining method. Its multilingual capabilities allow global companies to support a common solution across their operations.

The Surpac 6.9 release introduces the new Structural Suite module, a set of visualization and analysis tools for any kind of oriented data, and the powerful collaboration and data management capabilities of the 3DEXPERIENCE platform as well as over 30 customer-requested enhancements and product quality improvements.

NEW Structural Suite Module

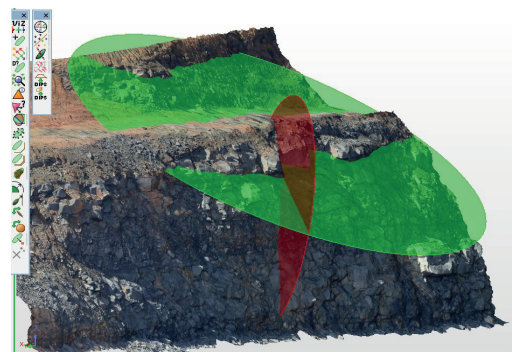
The new Structural Suite module contains over 20 visualization and analysis tools for any kind of oriented data. You can extract and visualize orientations directly from drillholes, analyze surface gradients, and visually create planes from point clouds or textured meshes and view them on a stereographic projection.

With Structural Suite you are able to perform structural trend analysis in large and complex datasets allowing better mineralization characterization reducing geological uncertainty and increasing the confidence in the safety of the operations by showing how rock orientations interact with the mine design.

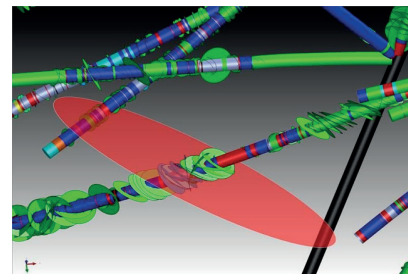
You can also reduce the cost of mining by understanding rock support needs better and support a seamless and efficient workflow with time saving and data integrity through an integrated solution.

Key Features

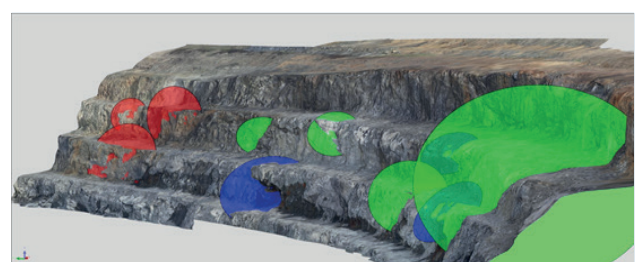
- Extract and visualize orientations directly from drillholes, points and block models.
- Analyze surface gradients.
- Perform rapid structural analysis of point cloud and photogrammetry datasets.
- Digitize structural planes directly from surface or point cloud.
- Selectively display structural information on a stereonet.
- Display custom geological mapping symbols for interpretation or plotting.
- Export structural information to third party tools (Rocscience DIPS).



Plane fitting tools – Dynamic fitting



Stereographic tools – Create mean planes



Joint mapping from photogrammetry models OBJ or point cloud.

**"Structural Suite has highly increased value of our drillhole and mapping data.
I warmly recommend!"**

— Jouko Himanka, Resource Geologist, Agnico Eagle Finland

GEOVIA POWER'BY

Pressure on profit margins and a constant drive for higher productivity mean that every company is looking for new ways to maximize efficiency by operating faster to achieve operational excellence. This requires active participants in your mining processes and collaboration tools to improve the entire process in a seamless way.

Surpac 6.9 introduces to you the powerful collaboration and data management capabilities of the **3DEXPERIENCE** platform, enabling a central repository for storage and sharing of Surpac data, file versioning, and check in/check out.

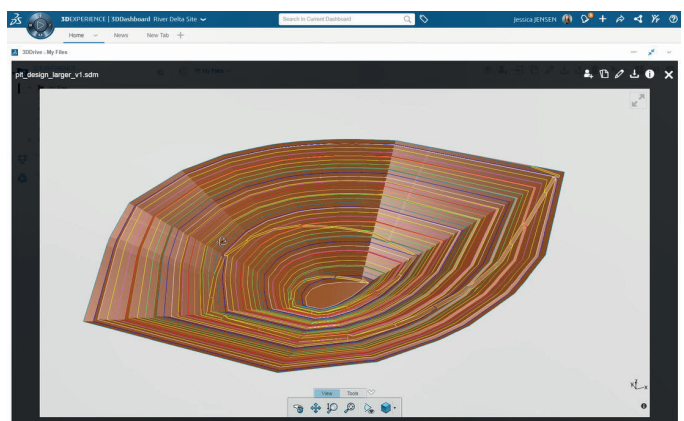
From Surpac, you can upload files to the platform to share with stakeholders who can also view the files directly on the platform. Designed for mining professionals of all levels, GEOVIA POWER'BY enables zero distance between departments, sites and companies for effective collaboration and extends visibility into your mining ecosystem for management, teams and any other stakeholders, ensuring a centralized control and view of mining data, providing a single source of truth on your business operations.

Benefits

- Seamless shift handover with all information in a centralized dashboard as shift workers access consistent data.
- Easier reporting with a single source of truth.
- Transparency and two-way communication between people, departments, and sites.
- Full traceability for meeting discussions and files shared outside of meetings.
- Reduced reliance on manual processes – such as checking control stations on a printed map – by saving files and data on a central location.
- Improved end of month reporting process with accurate sources of information.
- Peace of mind that data is backed up and secure.
- Rapid decision-making based on the most up-to-date data available.

With the Enterprise Collaboration offering, you have access to additional collaboration features such as:

- Organize, access and execute work quickly using a KANBAN-style task dashboard
- Manage entire projects with Gantt charts, reports, and project analytics
- Create and review content with standard, repeatable processes
- Publish content with stakeholder approvals



Surpac's pit Design open on 3DDrive

Other Updates

Enhanced point cloud and related mesh tools performance and usability:

- Improved ability to allow accurate meshing of large coordinate data.
- Better 3D meshing, including autofix option to close holes.
- Large performance improvement with the inclusion of a Multithreading option for 2D meshing.
- Better editing of point clouds "retain points inside/outside" for excluding data such as trucks or infrastructure.

You can now operate on Surpac 64 bit even when Office 64 bit is not installed, and take advantage of the significant performance advantages it offers.

For more information and a complete list of new enhancements, features and updates, visit www.GEOVIASupport.com or email GEOVIA.Support@3ds.com.

Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 210,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

