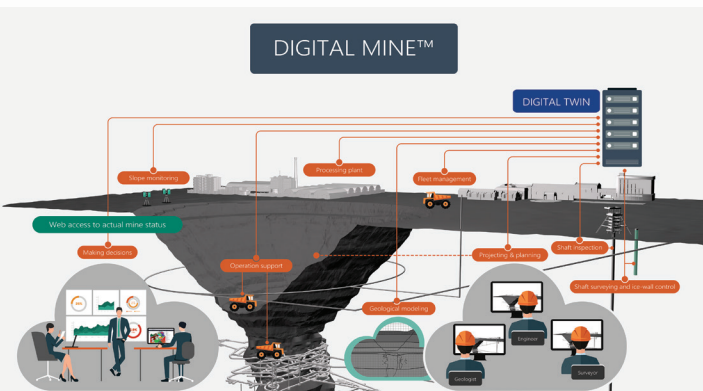


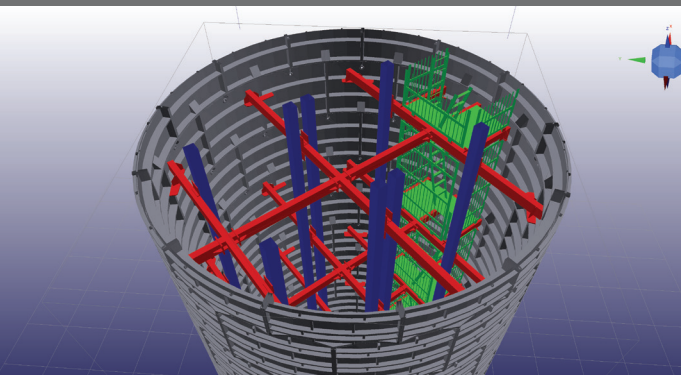
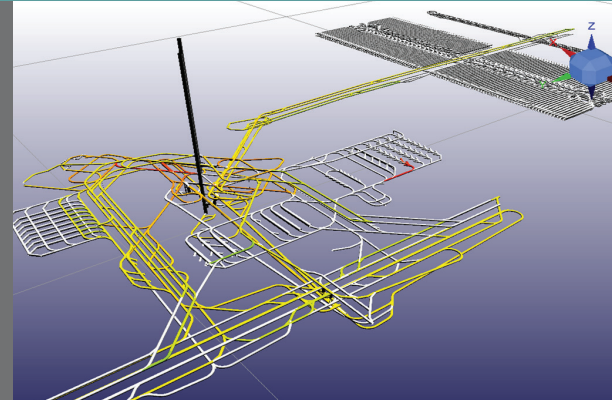


DIGITAL MINE™

- Integration with legacy products, compliance with workflows, cross-format, any data types
- Flexible incorporation into ERP systems
- Creation of mine's Digital Twin
- No limitations on spatial data volumes
- Back-end rendering of heavy 3D-scenes
- Web-portal for remote access

DIGITAL MINE ADVISOR™ THE PLATFORM FOR DIGITAL TWIN COMPILATION

- Corporate geological and mining information support system
- Powerful set of tools for geological modelling, mine design, planning, and surveying
- Automated geological mapping
- Special suite for tabular mines

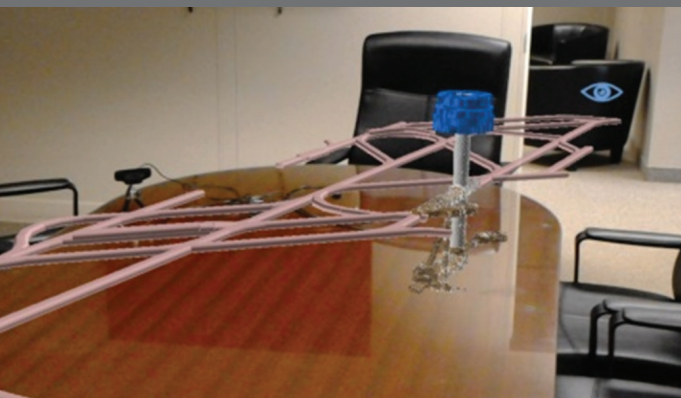
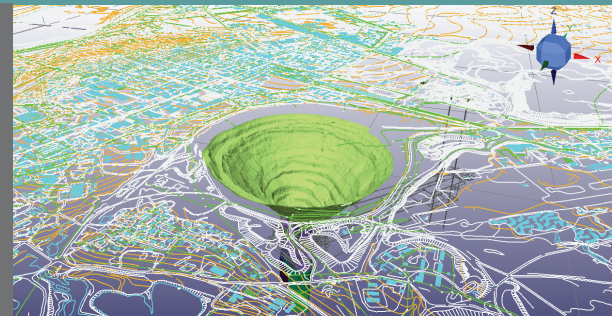


LiDAR-BASED SOLUTION FOR UNDERGROUND AND OPEN PIT MINES

- Off-the-shelf product for underground LiDAR scanning
- Compilation of Digital Twin database based on LiDAR scanning
- Feature extraction and change detection
- Geometric calculations

BEST-IN-CLASS VISUALIZATION ENGINE

- Combination of spatial models of any data types and volumes in one scene
- Projection conversion and geo-referencing on-the-fly



AUGMENTED REALITY (AR) AND MIXED REALITY (MR) HOLOGRAPHIC VISUALISATION ENTERPRISE SOLUTION

- Collaboration sessions
- Fully immersive experience for inspection of construction sites and engineering facilities
- Real-size virtual models
- Distance training and remote expert capabilities

SIGHTPOWER INC, A DIGITAL MINE COMPANY

WWW.SIGHT-POWER.COM

- Fully implemented notion of DIGITAL MINETM based on the idea of collecting and processing detailed information about all past, current, and planned operations and workflows at your mining company
- Easy integration with majority of general mining packages, CAD systems, GIS systems, integrated support of over 40+ spatial formats
- Better ROI on all software packages and systems due to the elimination of 'silo' effect
- Ability to effectively process and integrate collected information which is being received from various modelling and analytical facilities, monitoring, and distributed sensor systems to optimize both operational and strategic decisions
- Real-time map of live status of mining operations, equipment location and conditions as well as available resources enabling remote management of all operations at a mining company/holding

- Working stations for exploration and production geologists, mine surveyors, mine designers and planners, mine and shaft engineers each with a set of specialized customized tools
- Advanced underground long-term, mid-term, short-term planning instruments integrated with automated actual vs. plan reconciliation and analytics
- Short interval control with optimisation algorithms for effective shift-by-shift management of your mining operations
- Integrated risk management and emergency alarm system – reduced probability of industrial accidents and their severity as well as the quicker and more efficient remediation actions
- Specially designed industrial tablet software for field geologists (data collection and mapping) and mine surveyors (LiDAR data processing)
- Unique underlying technology includes set of effective techniques and algorithms for spatial data structuring, compression, transfer, smart indexing, object recognition and spatial scene reconstruction
- Outstanding capabilities for LiDAR data processing and visualization
- Automated distribution of customized information reports and dashboards. Tools for assessing Key Performance Indicators (KPIs) for each specialist

DIGITAL MINE™ brings success to our clients.

DIGITAL TWIN – a virtual model of a mine which enables a design of the optimal path to mine development with confidence, minimizing risks.

Choose Sight Power as a partner in your digital transformation journey to guarantee a successful future for your company.

Our solutions are fully customized to address the unique challenges of your mining operations and your company.

Any legacy or new hardware, communication systems or software solutions can be seamlessly incorporated into the unified information space and digital twin of a mine. Mine Advisor™ open architecture allows to tailor turn-key solutions for various customers.



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SightPower SA (Pty) Ltd.

9 Ambledown Rd, Sunningdale Ridge
Johannesburg, 2192, South Africa
Phone: +27-83-377-4667

- Advanced web interfaces with full access to mine information without installation of any special software
- Best-in-class visualization engine with practically unlimited power and capabilities to unite in 3D scene any types of spatial data including but not limited to geological and hydrogeological models, seismic cubes, CAD models, GIS data, mining and construction plans etc.
- Innovative VR, AR, and MR visualization for remote training, equipment maintenance and project/operations reviews through full support of mixed and augmented reality devices and applications (HoloLens, Magic Leap, smart phones, tablets etc.)



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