

Overview

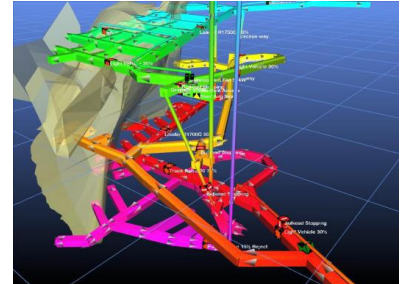
Chasm Consulting develops, sells and supports Ventsim mine ventilation software products. Ventilation is a major cost to nearly all underground mines, with power, ventilation equipment and mining infrastructure contributing to a large portion of total mining costs. With increasing regulatory requirements for underground environmental conditions, ventilation is becoming a major factor in the consideration of all new and existing underground mining projects. Mining operations are keenly aware of these costs and responsibilities, and Ventsim products have been developed to specifically address all key areas of underground mine ventilation. Ventsim software was first released in 1993 and has evolved over the years to become a leading software package in the ventilation industry. The recent release of “Ventsim Visual”, marks a new generation of mine ventilation software which merges 3D modelling, animation and colour into an easy to use package full of ventilation tools to meet every mining need.

Chasm Consulting not only sells Ventsim Software, but can rapidly help set up new mine ventilation networks, optimise mine environmental conditions, offer advice where needed to save money and reduce ventilation costs, and provide consulting advice and reports for new mine projects or extensions to existing projects. Chasm Consulting can also organize and run Ventsim training courses, specifically tailored to your needs, to ensure you get the most out of your ventilation software.

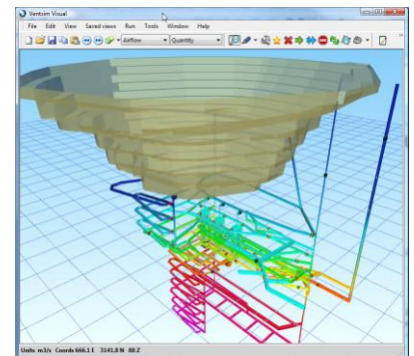
Ventsim – Underground Mine Ventilation Simulation Software

Ventsim products are underground mine ventilation simulation software packages designed to simulate airflows, pressure and heats (and many other types of ventilation data) from a modelled network of airways. Ventsim was the first ventilation package to integrate an easy to use Windows graphical design with a 3D graphics interface. The software is currently used by over 400 mines, universities, consultants and research organisations throughout the world

Chasm Consulting has recently released a new product called Ventsim Visual™. The release marks a new generation of ventilation design software, with fully integrated smooth 3D graphics, colour and animation, combined with an easy to use mouse driven interface. Ventsim Visual™ has a toolbox full of new features including thermo-dynamic simulation, refrigeration, compressible airflows and diesel particulate estimation, along with a host of other useful features. The



Ventsim Visual can rapidly build and display ventilation models by importing data from existing Mine Planning or Cad software. Ventsim models are built in 3D, and can be rotated, zoomed and animated in real time.



Existing mine workings and 3D Solids can be imported into Ventsim Visual to provide a stunning 3D visualisation of your ventilation network. Up to 70 different types of ventilation data can be viewed, coloured and animated.

software also includes tools for managing and reducing ventilation costs, and is provided with a comprehensive 190 page electronic manual.

The 'Visual' aspect of the new software is guaranteed to change the way that mines view, design and analyse ventilation circuits, with colour management and animation now integral parts of the software interface.

Ventsim Visual software is available under a license purchase or limited time rental agreement.

Mine Ventilation Training and Consulting

Chasm Consulting offers full mine ventilation consulting and training services to the industry. Using our extensive knowledge of our ventilation software products and their application in real mining environments, we can help you to rapidly build, develop or extend new ventilation networks for your mining environment.

We can help optimise your ventilation circuits, reduce ventilation development and power costs and provide consulting advice for new or existing mines. Further capabilities include assisting in establishing fan duty requirements and designing the most efficient shaft and airway sizes for your required airflow. In addition, Chasm Consulting can also help you meet regulatory ventilation requirements, by simulating, managing and designing mine environmental conditions such as heat, refrigeration, diesel particulates and gas concentrations, using features found in Ventsim Visual software.

To make sure you get the most out of the powerful Ventsim software, Chasm Consulting also offers training, either one on one, or within a structured training environment. Please contact us with your requirements so we can provide further information regarding our services.

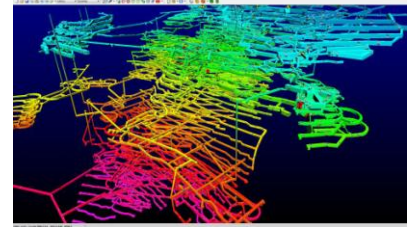


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All aspects of mine ventilation can be modelled in Ventsim Visual. Heat, humidity, airflow, fan pressures, costs, regulator pressures, diesel particulates (DPM), and recirculation. Dozens of other functions and tools are available.



Ventsim training can rapidly skill personnel in the use on the many advanced features of the program. Training can be performed in formal groups, or one on one in a mining environment.