



	Standard	Advanced	Premium	Description
<b>Graphics</b>				
Graphics	3D Solid	3D Solid	3D Solid	Correctly sized graphics show true dimensions and shapes of airways in 3D.
Hardware Acceleration	✓	✓	✓	Fast, smooth 3D display of any complexity on most modern computers.
Animated Airflows & Fans	✓	✓	✓	Airflows move in real time through network. Icons for active objects are animated.
Units	SI Metric/Imperial	SI Metric/Imperial	SI Metric/Imperial	Imperial / Metric units can be mixed if required.
DXF Import	✓	✓	✓	Import centrelines from CAD packages for rapid building of Ventsim networks.
DXF Import Solids	✓	✓	✓	Import solids including terrain surfaces, orebodies, development etc.
Undo function	✓	✓	✓	
Multi Window Display	✓	✓	✓	Dockable windows may be moved and resized over diferent monitors.
<b>Simulation</b>				
Maximum Network Airways	Up to 60,000	Up to 60,000	Up to 60,000	64 bit Windows operating system will allow greater airway numbers.
Compressible Flows	✗	✓	✓	Compressible airflows effects at depth are modelled.
Ventsim Air Data Types	36	70	80	Number of calculated data types that can be shown on screen as text or colour.
Variable Speed Fans	✓	✓	✓	Different fan speeds can be easily modified in network.
Reversible Fans	✓	✓	✓	Fans can be reversed with reduced performance (for emergency simulation).
<b>Thermodynamic</b>				
Heating and Cooling	✗	✓	✓	Includes heat or refrigeration options in network analysis.
Rock Thermal Input	✗	✓	✓	Predicts heat and moisture eminated from rock strata.
Diesel Equipment	✗	✓	✓	Predicts heat and humidity generated by diesel equipment.
Natural Ventilation	manual	automatic	automatic	Uses thermodynamics to simulate natural ventilation effects.
<b>Contaminant</b>				
Distribution Prediction	✓	✓	✓	Distributes smoke or other contaminants through a network.
Sourcing Concentration	✓	✓	✓	Shows upstream paths and concentrations of contaminated (or fresh) airflow.
Dynamic Blasting	✗	✓	✓	Blasting fume animated dynamic spreadtime and cleanance time dispersion.
Diesel Particulate Simulation	✗	✓	✓	Utilises diesel engine sources to estimate DPM levels throughout the mine.
<b>Dynamic Heat and Gas</b>				
Programmable Events	✗	✗	✓	Heat, air or gas changes can be introduced at pre-programmed dynamic intervals.
Dynamic Distribution	✗	✓	✓	Individual heat and gas time based simulation and spread through model with graphing.
<b>Other Features</b>				
Recirculation Detector	✗	✓	✓	Searches network for paths that recirculate a portion of air.
Economic Airway Size Predictor	✗	✓	✓	Automatically graphs airflow & costs through a range of different airway sizes and types.
VentLog™ Package	\$800* (optional)	\$800* (optional)	✓	Software package to record survey data, export to plans and overlay on Ventsim models.
LiveVIEW™ Module	\$1,500* (optional)	\$1,500* (optional)	✓	Connect to external data and display and simulate real time data.
VentFIRE™ Module	✗	\$2,000* (optional)	✓	Utilise DYNAMIC simulation to predict fire heat, gases and flow direc tion.
Import Data	Text, DXF, VNETPC	Text, DXF, VNETPC	Text, DXF, VNETPC	Ventsim can build networks from CAD or DXF files, or directly import VNETPC.
<b>Pricing</b>	<b>\$2,995*</b>	<b>\$4,995*</b>	<b>\$7,495*</b>	<b>Full license price includes the first 3 months of maintenance and upgrades</b>
License Type	Per PC or individual	Per PC or individual	Per PC or individual	Visual licenses contain "virtual keys" restricting use to one PC at a time.
Optional Annual Maintenance **	\$599*	\$999*	\$1,299*	Valid for 12 Months. Includes unlimited upgrades, tech support, quartely newsletter.
Rental Option (per 3 months)	\$399*	\$649*	\$1,095*	Time limited license, includes upgrades and support.
Additional Site Licenses	25% discount	25% discount	25% discount	Same site only.

\* All prices in AUD (Australian Dollars) and do not include GST.

For sales, support and enquiries, contact:

**Chasm Consulting**

PO Box 1457, Capalaba, QLD, 4157

Phone: 07 3390 2663 | Fax: 07 3390 3612

Email: admin@chasm.com.au | Website: www.chasm.com.au

