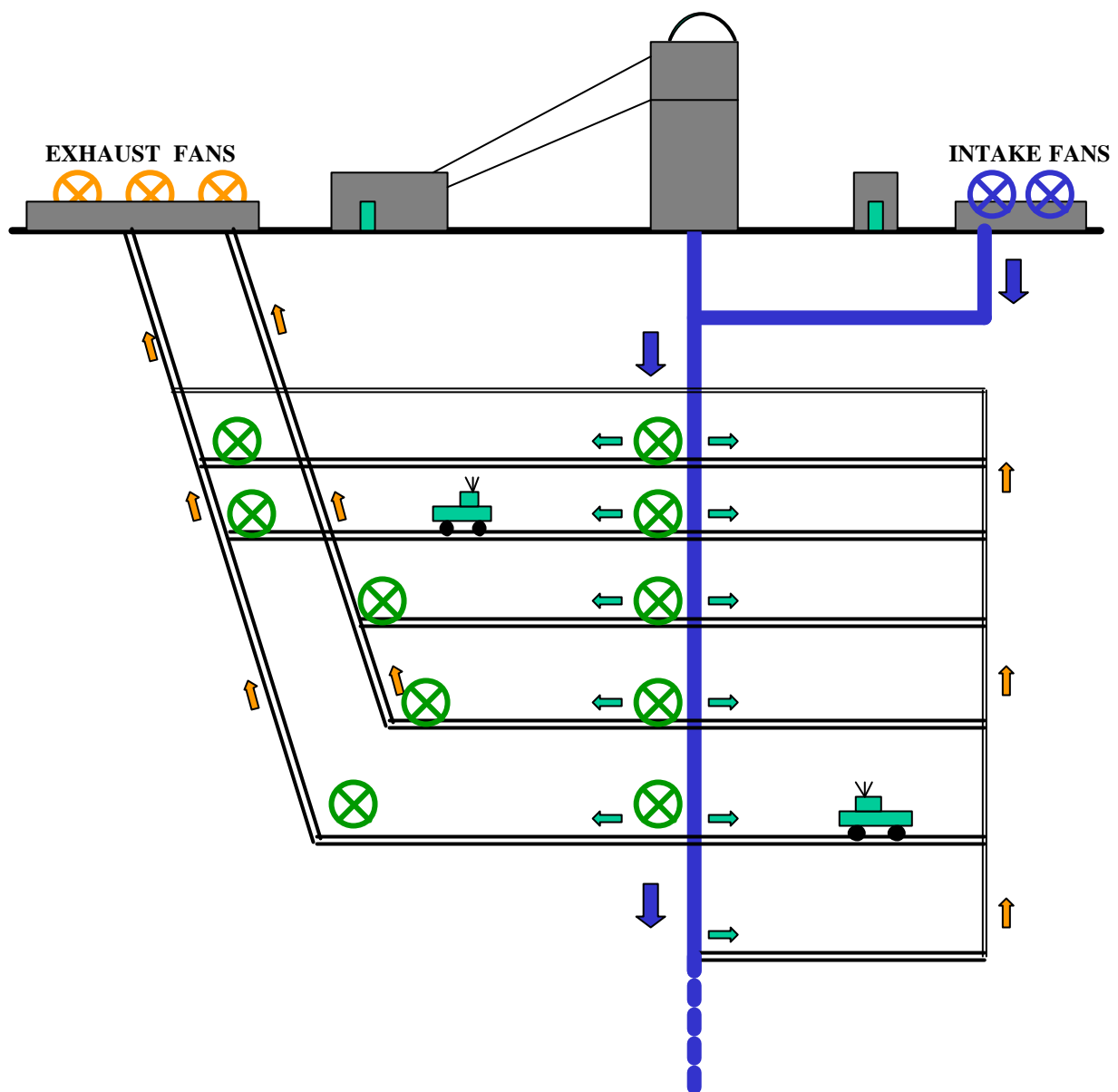


Delta VOD

Ventilation On Demand

Underground ventilation control



VOD. Ventilation On Demand

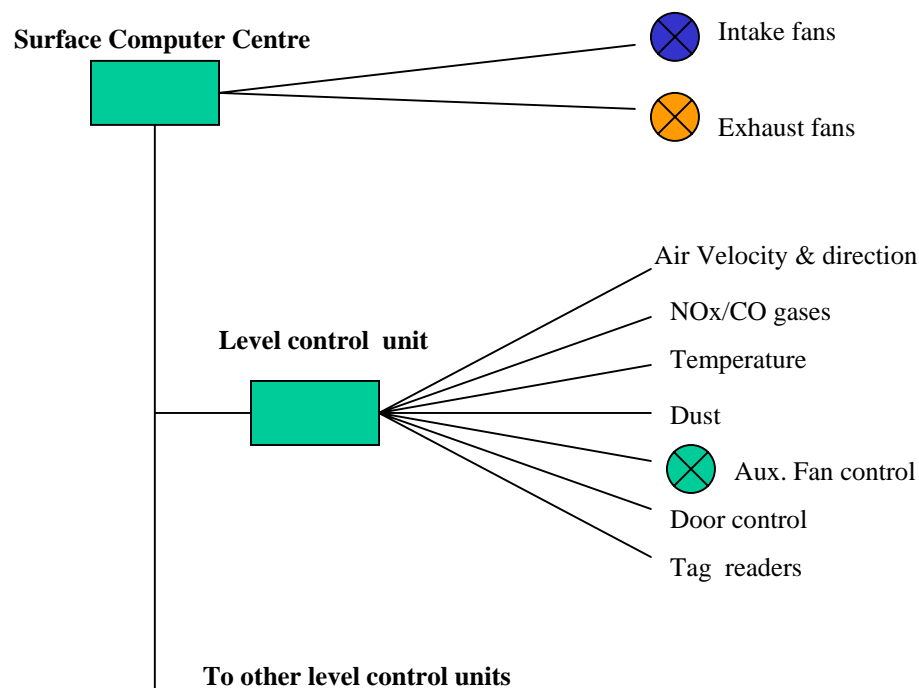
For a controlled environment

Underground ventilation control and safety system

Key features are:

- ** Environmental control of the whole mine, safer conditions and better economy.
- ** Quick, safe and economical ventilation of toxic gases in blasting tunnels.
- ** Automatic control of ventilation according to diesel vehicles in operation, measured air contamination or fire detection sensors.
- ** Automatic and wireless tracking of vehicles and people.

VOD-M, system diagram for mines.



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Norway

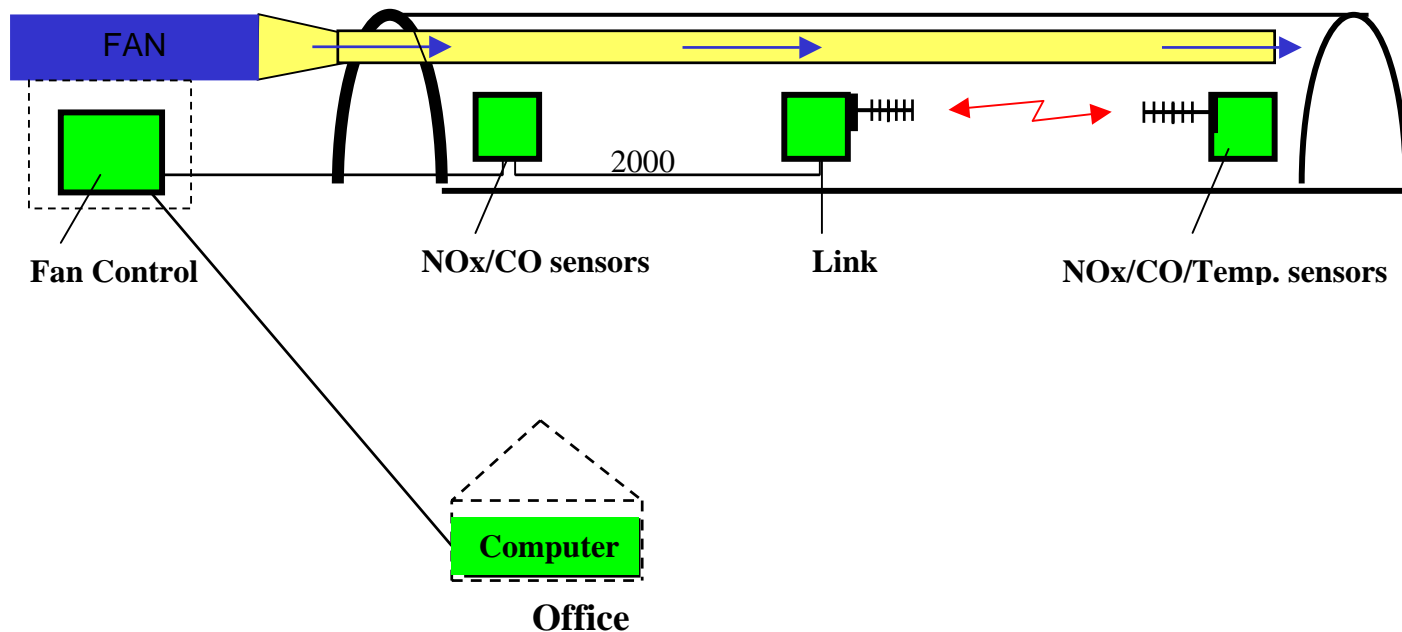
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VOD. Ventilation On Demand

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VOD-T, system diagram for tunnels.



Delta VOD, underground ventilation control, based on experience.

The Delta VOD system is a result of more than 7 years of experience in underground ventilation control.

The system comprises:

- Online monitoring of air velocity, temperature and gases
- Prepared for integration of tracking and access control
- Automatic, scheduled or manual control of fan capacity
- Stores all vital data, for historical analyse
- Local or centralized control via internet.
- Improved environment, at the lowest cost
- Proven technology and software
- Communication by cable, radio or fiber optic cable
- Modular design, adaptable to any size of mines and tunnels.
- Easy installation and maintenance
- Failsafe design

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VOD. Ventilation On Demand

For a controlled environment

Delta RFID

Radio Frequency Identification.

Designed for personnel and vehicles,

The Delta RFID system is designed to meet the stringent requirement of the underground environment. The RFID comprises units for personnel and vehicle operation, ATEX or EX classification is optional.

A RFID unit, identifying a person or a vehicle is called a Tag.

The Delta RFID is designed to be a stand-alone system, or integrated in the VOD system, in order to keep track of vehicle and personnel in mines and tunnels.

Tag for vehicle installation.

The vehicle tag or V-Tag is for permanent installation in a truck or other moveable equipment. Each unit has a unique ID, logged in the central database. The V-Tag can in addition to identify the vehicle, send temperature and 4 status bits to the database regarding the vehicle operation. Monitoring of vehicle engine load or diesel consumption is also possible.

Tag for personnel.

The personnel tag, or P-Tag is available in two versions:

- ** For integration in head lamp, battery compartment.
- ** To be carried in a pocket or in a belt
- ** Credit card size, 15mm thick.



Personnel Tag



Vehicle Tag



For more information, please contact distributor or our Web-site.

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