

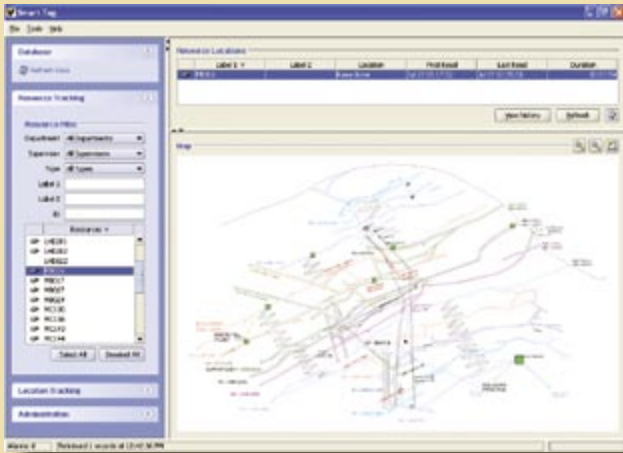
SMART TAG

RESOURCE TRACKING SYSTEM



VARIS
SMART UNDERGROUND COMMUNICATIONS

SMART TAG TECHNOLOGY. HIGH-TECH SOLUTION TO AN AGE-OLD PROBLEM.



Smart Tag's software provides detailed information on the location of mine equipment and personnel with this simple, user-friendly screen layout.

Resource tracking and monitoring: as close as your PC

Smart Tag is a long-range RFID (Radio Frequency Identification) system that plugs into a mine's Ethernet network and allows for real-time tracking of resources, such as vehicles and materials.

Tireless sentries for your most valuable assets

Smart Tag technology features the ability to:

- Generate production reports based on vehicle movements
- Locate vehicles and equipment instantly at start of shift
- Assist dispatching operations to manage ramp traffic
- Improve emergency response times
- Alert security/supervisors when vehicles enter dangerous or off-limit areas (in development)
- Monitor ventilation according to number and types of vehicles in a particular area (in development)
- Configure tag readers over Ethernet network
- Track an unlimited number of tags
- Track up to 50 tags travelling at 50 km/hr (30 mi/hr)

Software that's really out there

The heart of the Varis Smart Tag system is the sophisticated and cutting edge software that is easy to install and boasts the following features:

- Straightforward Graphic User Interface (GUI)
- Real-time resource location overlaid on mine map
- Multiple user access
- Three predetermined security levels
- Configuration of resources (i.e., supervisor, department, name)
- Specification of resource types (i.e., LHDs, personnel, trucks)
- Modification of antennae locations on site map
- Automatic generation of reports
- Cycle time reporting

Smart Tag... practical, indispensable.

Smart Tag will be tailored to meet your company's specific requirements. Our team of software and hardware experts will support you in the implementation and the maintenance of the Smart Tag system. Software licences of up to three years can be purchased to keep your site up to date with all product enhancements.



Reader has four antennae ports to reduce number of readers and provide directionality.



Tag is installed in cap lamp battery case for personnel and mounted in rugged enclosure for vehicle applications.

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