BaseEU.com
INNOVATIVE TECHNOLOGIES

MIL - 016

"SRMM"
Rock mass movement monitoring

System of rock mass movement monitoring in underground mines

Description:

- A wireless system of data transmission in the underground area of a mine allowing for motion registration of the rock mass which predicts the places particularly exposed to the threats of caving and stomps
- The system analyses all the rock mass motion
- 3D visualization of any changes: tensions, reliefs and underground stomps
- The system allows for evaluating of potential threats and thus predicting future catastrophes

Characteristics:

- Integrated wireless system of sensitive seismographs
- The system enables the prediction of the likely places particularly exposed to caving

Competitive advantages:

- FULL HD, THERMO INFRARED optical systems
- EMP jamming systems analytic systems for radioactive, chemical or biological contamination
- Orthoimaging systems
- Microwave system for detecting landmines
- Rescue rafts for marine operations
- Passive protection systems
- SELF AIMING SYSTEM, a digital system for detecting and analysing targets
- Armed equipment (several configurations)
- Transport containers (several configurations)

Application:

- Innovative solution on global level
- Possible implementation of the system in different types of mines