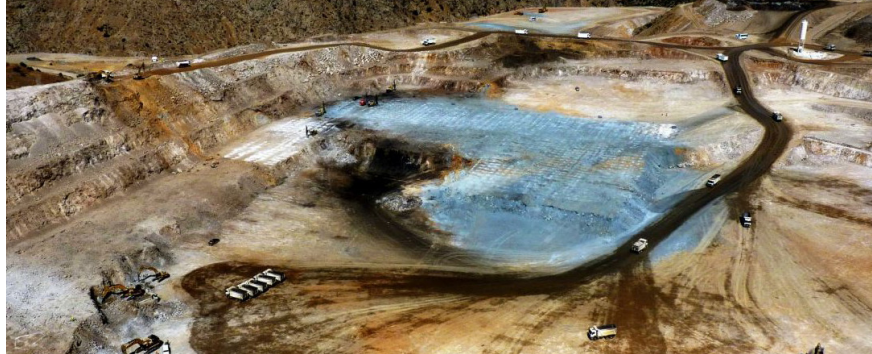


REFERENCES



SUCCESS STORY

ANAGOLD GOLDMINE – TURKEY

A FEW FIGURES...

- Start operation in 2009
- 1500 employees
- Surface area : 17 km x 25 km
- 6 million ounces of gold in reserve

INSTALLED TIL SOLUTIONS

- 2 MICRO-SESAME 2016.2 servers
- VISIO-SESAME Camera supervision
- 5000 Desfire Badges
- Secure badge encryption
- 52 Very secure EVOLUTION readers
- 12 MOBILIS readers
- 2 ATEX readers
- 1 Badges printer
- 4 Long distance readers

OTHER SYSTEMS SUPERVISION

- MILESTONE video surveillance
- WIPELOT lone worker protection
- Canteen billing

CONDUCTING SAFE OPERATIONS

Introduction

Located in East Turkey, the goldmine governed by Anagold Madencilik A.S is currently an open-pit, heap-leach operation producing low-cost gold from oxide ore.

This place with 1500 employees is composed of a mine and a refinery, and is totally managed by only one security system.



Profile et Strategy

Anagold continues to pursue opportunities to further expand its current operating base and to become a sustainable multi-mine producer with a focus on Turkey.

Til supports this company in its objectives by providing a very secure system in order to protect property and employees.

MICRO-SESAME is our integrated system that allows Anagold to apply different safety instructions, to archive and to find events through a unique interface.

We have created a single system to manage easily multiple sites through graphical monitoring and overview pictures.

This system allows surveillance in different areas by security staff, and with the operators customised authorisations, the place can be fully protected, with simplicity.

Protecting People

In mines, it can be very dangerous to access to certain type of areas and products. Hence, employees have access depending on their professional qualifications. Moreover, to ensure employee safety, Anagold equips its staff with LWP (**Lone Worker Protection**) terminals.

If a worker falls to the ground, security staff will receive a real-time alert via the WIPELOT interface.

Furthermore, it will be easy to rescue quickly someone thanks to the geolocation system in this interface...



(Continued on the next page)

Protecting Property

In order to ensure the security of the equipments, Anagold has installed two ranges of readers, which identify the **DESFire badges**, used by 1500 employees on this site :

- **ATEX readers**

Proximity readers for all access control applications in explosive environments. They are particularly suited to the chemical and petrochemical industries, refineries or nuclear power plants.

- **EVOLUTION readers**

Very secure and waterproof to water jets and dust, they respond perfectly to the demand; resistant and long life readers.

Scalable, they can adapt to Anagold security strategy : they read secure data, stored in protected areas.

The modular nature of the EVOLUTION series offers to Anagold the flexibility to extend, to upgrade the security level, or to perform technological migrations across their sites.

Several possibilities lie ahead for Anagold; authenticate a badge holder by using biometrics, or carry out a reinforced check with the integration of a keyboard code. These additional modules can be integrated even on readers which are already installed.

Moreover, with **VISIO-SESAME**, the site and its surroundings can be constantly verified by video surveillance.

Mobile Access Control

The mine has 12 **MOBILIS** portable readers :

This hardened mobile reader is conceived for an outside use with rain and dust. Its screen keeps a good visibility even in bright sunlight.

Easy to use, MOBILIS allows treating quickly important flows of site (input or output), for example : employees inside a bus.

MOBILIS has 8 hours autonomy (nonstop use) and, in case of Wi-Fi network break, can operate in offline mode. As soon as it finds a network connection, its history is transferred to the supervisor (up to 4,000 events).



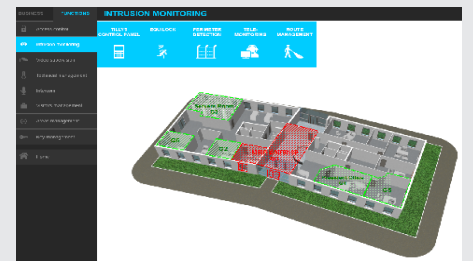
The ATEX reader is compatible with all chips NXP (MIFARE, MIFARE +, DESFire, DESFire EV1 and Ultralight C).



EVOLUTION readers are also available in a Bluetooth frequency range to read smartphones. Case in IP65 reinforced polycarbonate, output formats: DataClock / Wiegand or RS485.



MOBILIS allows to check in the badge information on the wearer: identity, validity, technical authorizations or any other necessary information.



MICRO-SESAME has gateways that enable you to supervise other technical management, safety or security equipment or to interact with other applications of the information system.