

Wienerwald



Wienerwald

Country: Austria
 Location: Vienna
 Industry: Mining
 Employees: Project-based

Readers: 2
 Tags: 400

Website: www.avaya.at



SUMMARY

WATCHERTUNNEL is installed in the Wienerwald tunnel in Austria. During the tunneling of the 13 km long tunnel, ranging from Weidlingau to Chorherrn workers will be secured after demands from the project owner (HL AS). The project tender states that there must exist a system which allows (and includes):

- Non-contact (“invisible”) and automatic access control.
- Control stations at all gates, tags/chips for all workers / visitors underground.
- A system control station.
- Information must be available at all times to determine, not only how many personnel are currently underground, but also which workers are inside the tunnels, drift and shafts.

The fact that an “invisible” access control system is included in the tender, send a clear signal that tunnel driving companies are becoming more aware of the available technology and that they are willing to use innovative systems to increase efficiency and safety.

CUSTOMER AND INSTALLATION

The system was remotely designed by engineers from IDENDEC SOLUTIONS AS with assistance from our partners, and access system contractors, Avaya (which also were responsible for the entire system infrastructure).

IDENDEC SOLUTIONS engineers spent one day in beautiful Vienna to connect and fine-tune the system before it was officially set to work. During the first stages of the tunneling, the access control system consists of 2 access points and 150 tags. Before the tunneling is complete, there will be a total of 5 access points and 400 tags. All providing real-time information on a total of 3 WATCHERTUNNEL clients.

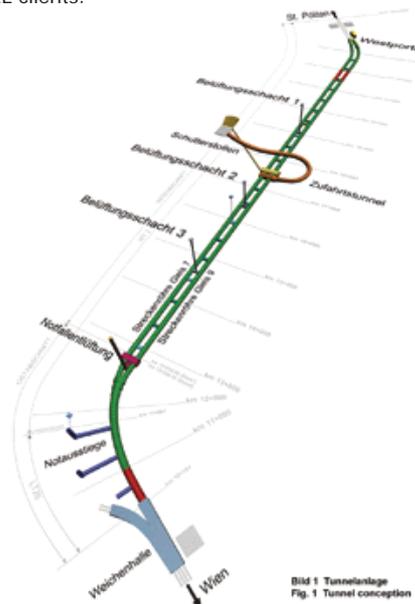


Bild 1 Tunnelanlage
 Fig. 1 Tunnel conception

CUSTOMER IMPACT/BENEFITS

- Providing the right people with the right information. Real time display of all workers, mobile objects and visitors with the current zone they are in, are displayed on several operating stations.
- LED Displays located outside and inside the Wienerwald tunnel entrance display the name of each worker entering the mine, as well as each worker exiting the mine. Although the system will provide alarms on tag low-battery levels, the displays are used as an extra factor of safety for workers. An access control scheduler allowing alarms to be sent out when unauthorized workers reside in an undesired area.
- All system alarm can be customized, allowing for real time adjustment of alarm information layout, alarm alert type and content. Wienerwald's IT technicians can change alarm content and layout through the TRAILBLAZER administration interface, and system operators can choose the alarm alert sound of their liking from the WATHCERMINE user interface.
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