

Boliden Mineral AB uses TagMaster long-range RFID system for secure access control of the delivery trucks

Summary

Boliden Mineral AB is one of the leading mining and smelting companies in the world. The gold mine in Boliden was the first of several mines and smelters that benefits from convenient and secure access control for the delivery trucks today.

Challenge

Boliden Mineral encountered great problems with unauthorised people often seen in the concentrate plant area in Boliden.

Over 80 trucks deliver crushed ore to the plant every day. This was creating long queues to the gated plant entrance with up to 12 trucks standing still, waiting to enter the plant-area. Each truck loads around 75 tonnes, which make starting and stopping time consuming and environmental unfriendly.



Products used:

S1504 Readers
S1255 MarkTags



Solution

The solution was to mount TagMaster S1504 long-range readers 60 metres ahead of the entry and exit gates so that the trucks would not have to stop. Each truck was equipped with an ID-tag mounted inside the windscreen. The TagMaster readers was connected to Securitas Securimaster Access.

The trucks conveniently drive towards the gate where the truck is identified by a TagMaster reader. When the truck is identified the driver sees a flash light, which indicates that the truck has 15 seconds to pass the gate before it closes.

Conclusion

A totally secure area has been created, both on the inside and outside of the plant. Only permitted cars and people are allowed access to the site.

After a six month testing period, Boliden decided to implement the system at other plants like Renström, Petiknäs, Storliden and Kristineberg. The TagMaster systems are connected to each other through Bolidens own Intranet.