

Case Study

Mining Operations

Improved vehicle throughput and control of contractor trucks with the installation of TagMaster RFID products

ODOD Gold - Mining Operations in Mongolia



Summary

The ODOD Gold Mining company in Mongolia moves around 75.000 m³ per day using 70 trucks on their main mining site. This means one full truck load is shifted every 15th second during the day. At the end of each month, the trucking contractors and the mining company have to agree on the number of truck loads shifted during the period in order to settle correct payments to the trucking contractors.

Challenge

In the past there was always a discrepancy and disagreement to the number of loads actually done and the quantity of material shifted. Number truck loads were manually recorded and disputes could go on for months, reducing efficiency and creating headache for both parties involved. With corruption playing a part of the final load tally, it was time to install a fully automatic counting and measuring system that would eliminate human errors and improve on efficiency and administration.

Solution

Twelve LoadScan volume scanners, including TagMaster's long range RFID readers, were installed at the mine and all trucks shifting materials had their loads scanned by the LoadScan unit. The trucks were all equipped with a TagMaster HD-tag, ensuring correct recording of volumes, dates etc. and providing a more streamlined accounting procedure.

Conclusion

With the fully automatic, hands free, scanning and identification process of the trucks, the monthly recording and invoicing procedure is now a very smoothly running procedure. The RFID tags are permanently fixed to the truck, ensuring correct identification of each truck load and the elimination of any corrupt handling of load data.

PRODUCTS USED

LR-6 Reader	154600
MarkTag HD	145500

REFERENCE

LoadScan - Load Management Solutions
www.loadscan.com