



Case: Hima Cement chooses MOTOTRBO

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Leading manufacturer first to deploy digital two-way radio solution in Uganda

Hima Cement, a subsidiary of Lafarge, the world's largest building materials group, has chosen Motorola's MOTOTRBO digital two-way radio system to co-ordinate plant operations and enhance staff safety at its factory in Kasese, western Uganda. The plant currently has a capacity of 240 000 tonnes and produces cement for export to Africa's Great Lakes region.



Supplied by Danimex and commissioned by Danimex' authorised Motorola dealer Radio and Satellite Communication Services (RCS) - who also provided technical and end-user training - the system comprises over 100 DP3600 and DP3400 portables, nine DM3601 mobiles, five DM3601 base stations and a DR3000 repeater. It is being used to co-ordinate activities between maintenance, quality control and dispatch personnel, improve emergency response and staff safety, as well as providing mobile communication for pool vehicles and quarry operations.

Hima Cement has traditionally used Motorola analogue two-way radios for communication at its site in Kasese. However, the signal was not clear in certain areas of the plant, the battery life was limited and programming had to be done by engineers based in Kampala, over 200 kilometres away. The decision to migrate to MOTOTRBO digital two-way radio has resulted in increased calling capacity, improved coverage and more cost-effective communications.



Lots of benefits switching to the MOTOTRBO digital radio system

"The switch to digital radio has seen Hima Cement realise a host of benefits, from quicker reaction time in the event of breakdowns to more efficient response in an emergency and more effective communication that has improved staff safety and productivity. The ability to have multiple talk groups on the same repeater has also enhanced co-ordination between remote work teams, speeding up decision-making and reducing the amount of time it takes to locate supervisors and maintenance staff. This has resulted in a reduction in communication costs due to the increased call capacity and more efficient use of the frequency spectrum," said Monica Mawejje, Sales Manager at RCS.

The highly-anticipated release of MOTOTRBO IP Site Connect will provide the opportunity to network multiple repeaters for communication with plants located at other sites, which is expected to bolster productivity even further.

