

Overview

Drummond Ltd. Colombia
Bogotá, Colombia

Solution components

ASK-4® #101 Kit
TLO

Integrator

INH Technologies S A S

"The Louroe microphone is the best audio solution for CCTV"

Jorge Franco, CEO and Founder of INH Technologies S A S in Bogotá, Colombia



LOUROE
ELECTRONICS®

World Leader in Audio Monitoring Technology Since 1979

Drummond Ltd. Colombia

Using Audio to Increase Security in Oil and Gas Wells

NEED

Drummond Ltd. Colombia is one of the leading coal producers, having exported 25 million tons of coal to more than 30 countries in 2012. It currently has reserves of two billion tons. Today, Drummond Ltd. operates two coal mines near La Loma in Cesar, Colombia where it oversees hundreds of workers. With such expansive sites to regulate and personnel to manage, Drummond Ltd. needed to increase surveillance and operational control particularly surrounding its oil and gas wells.

SOLUTION

INH Technologies S A S, with whom Drummond Ltd. had previously worked with, searched for the best camera and microphone products. In the end, INH recommended a complete audio solution that integrated Samsung's IP cameras with Louroe Electronics' ASK-4® #101 Kits, which include Louroe's signature Verifact® A microphone. The integrator also suggested installing Louroe's TLO speaker/microphone product along the perimeter of the site.

RESULTS

The audio-video solution is great for detecting an intrusion. As soon as the Samsung dome camera senses someone in a restricted area, the operator in the control room can use Louroe's audio system to speak to the unwanted visitor in real-time. The operator can even choose to broadcast a pre-recorded message. By deterring unauthorized individuals, the solution has helped decrease crime. The audio-video surveillance has also immensely aided the end user's ability to monitor all site operations and has been useful in maintaining order in instances where massive gatherings or labor strikes almost broke out.

Drummond Ltd. Colombia, who exported 25 million tons of coal in 2012 and has two billion tons in reserves, is one of the world's leading coal producers. It operates under its parent company, Drummond Company, which is based in the United States. The Colombia subsidiary currently runs Mina Pribbenow and El Descanso, two open-pit coal mines located near La Loma in Cesar, Colombia. Having to oversee hundreds of workers on these sites and manage such expansive territory, it's no surprise that Drummond Ltd. saw a need for surveillance and operational control around its gas wells.

The coal producer turned to INH Technologies S A S to recommend an audio-video integrated security system. For the video solution, INH chose three Samsung IP cameras: the SCP-2370RH (infrared), SCP-3370TH and SNP-3120TH.

When it came to finding the best microphone, INH did a lot of research and also sought a recommendation from its distributor, ISTC, who suggested Louroe Electronics. INH soon found Louroe's product to be the premier listening device on the market.

"The Louroe microphone is the best audio solution for CCTV," said Jorge Franco, CEO and founder of INH Technologies.

"We tested other audio equipment, but it didn't perform as well. It goes to show that Louroe's quality microphones can't be emulated," he affirmed.

For the gas wells project in La Loma, INH chose Louroe's ASK-4® #101 Kit, which comes with Louroe's signature microphone, the Verifact® A. INH later integrated the Verifact® A with the Samsung SNP- 3120 TH camera.

In November 2011, INH worked with Drummond Ltd.'s team of technicians to install Samsung dome cameras, in which 30 percent were connected to a Louroe microphone.

When asked how the security equipment functions, Franco summed it up in one phrase: "The technology has worked perfectly."

The audio-video system is great for intrusion detection. As soon as a dome camera senses someone in a restricted area, the operator in the control room can use Louroe's audio system to speak to the unwanted visitor in real-time. The operator can even choose to broadcast a pre-recorded message. By deterring unauthorized individuals, the solution has helped decrease crime. As Franco says, "more than intrusion, it's about prevention" and stopping incidents before they happen.

Staff have even used the microphones to listen to the gas wells and ensure they were running properly, demonstrating how audio has both a security and operational benefit. The audio-video surveillance has also increased the end user's ability to monitor all site operations at all times, which has been particularly useful in maintaining order in instances where massive gatherings or labor strikes almost broke out.



ASK-4® #101 Kit



TLO

About Louroe Electronics
Located in Van Nuys, California, Louroe Electronics® has been the world leader in audio monitoring technology since its inception in 1979. Recognized globally, Louroe Electronics' products are used in 50 countries and are utilized by both the private sector and government. The company's Verifact® line of microphones, complementing base stations, and communication accessories, provide line level output to interface with various digital electronics. For over three decades, Louroe Electronics has maintained rigorous standards to ensure their products provide reliability, durability, and excellent performance for their customers' needs.

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