



For Immediate Release:

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NL Technologies Announces IS Approval on Reverse Tracking Product...

Brisbane, Australia - Friday June 4th, 2010, NLT Australia, a subsidiary of NL Technologies (NLT) in Canada, known throughout the mining industry for their product innovation, has had another huge win.

With another world first, NLT has introduced intrinsically safe reverse tracking cap lamp. The IEC Exia approval adds to their many approvals including:

- 802.11 a,b,g WAP,
- Compact WAP,
- Wi-Fi two way messaging cap lamp,
- LED Cap lamp
- RF readers,
- RF tags,
- Polaris all in one cap lamp.

NLT Australia Managing Director Tim Haight says, “In another world first, NLT Australia working with technology partner Wavetrend have designed and approved an Exia approved reader in the Messenger Cap lamp that will connect onto our digital network.”

How the system works is to have tags deployed around the mine in as many locations as you want. Imagine every cut through plus other key areas such as longwall roof supports. Now as the miner wearing the Reverse Tracking Cap lamp (RTC) moves through the mine, the lamp reads the deployed tags and transmits that information out on the NLT Digital® Wi-Fi network. If the miner encounters a non supported area, the tag reads are buffered and time stamped in the lamp and transmitted once returned to a hot spot or fully covered section of the mine.

“Reverse tracking cap lamp solution now means that as there is no requirement to deploy and power the RF readers. The system provides resolution similar to that of a GPS on the surface with ease of installation and greatly reduced cost over existing tracking systems” Haight said.

ABOUT NLT

NL Technologies (NLT) has been designing and manufacturing equipment for the underground mining industry for over twenty years. In 2004, NLT leveraged its expertise to launch the Northern Light Digital™ brand. NLT designs underground tracking and communications systems aimed at improving safety, efficiency and preventing mine emergencies. For more information, please visit www.nltinc.com