

# Local technology hits Canada

Perth-based mining equipment, technology and services provider, IMDEX, showcased its latest suite of technology at the PDAC international convention in Toronto, Canada.

On show was the company's downhole navigation and drilling optimisation solutions, a new north-seeking gyro and in-field, and remotely monitored drilling fluid testing unit.

The company also celebrated the 10th anniversary of its interpretive geoanalytical software ioGas at the show.

## Downhole navigation

IMDEX unveiled what is said to be a highly accurate north-seeking gyro, which provides survey data within record time using multishot or high-speed continuous modes.

The REFLEX GYRO SPRINT-IQ integrates with the company's award winning, secure, cloud-based web portal – to ensure instant access to result data anywhere, at any time.

The tool, coupled with a patented and proven overshot system, could minimise survey downtime in diamond drilling applications.

The company's structural geology solution includes instrumentation and software that enable the effective discovery, planning and extraction of ore bodies.

IMDEX's new core orientation tool was introduced at the PDAC. This tool, formerly the REFLEX ACT III, is now powered by the company's cloud-based portal enabling real-time data access with a secure chain of custody.

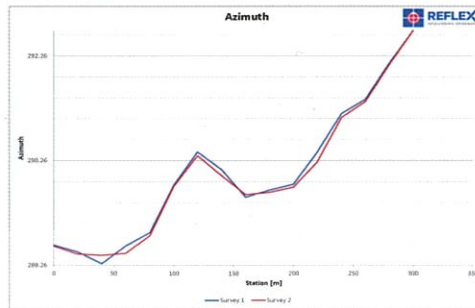
The controller displays accelerometer data collected via time stamping technology, including depth values, inclination, roll, gravity and temperature.

## Drilling fluid testing unit

At PDAC IMDEX also launched what is said to be the only in-field, remotely



IMDEX's new downhole survey tool the REFLEX GYRO SPRINT-IQ.



Azimuth Misclose graph shows the difference between two surveys and highlights the accuracy of the SPRINT-IQ. The smaller the differences – the higher the accuracy.

monitored drilling fluid testing unit: AMC MUD AID.

The technology is designed to optimise and automate fluid management.

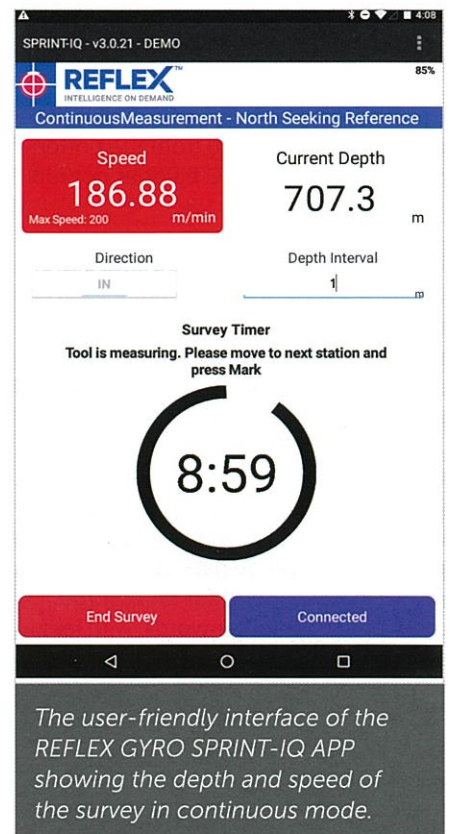
The unit monitors drilling fluid properties 24/7 and IMDEX says it ensures optimal efficiency and reduces any potential delays to the operation – without the need for a dedicated drilling fluid engineer on site.

The unit samples the drilling fluid in real time and against project-specific mud programs, or API specifications, and provides instant recommendations for maintenance or treatment.

The unit also integrates with the company's cloud-based web portal for complete visibility across the operation.

## 10 Years of ioGas

IMDEX's interpretive geoanalytical software – ioGAS – celebrated its 10th anniversary. This unique software allows users to readily detect patterns, anomalies and relationships in geoscience data.



The user-friendly interface of the REFLEX GYRO SPRINT-IQ APP showing the depth and speed of the survey in continuous mode.

The company's chief geoscientist, David Lawie, held a workshop at the show to demonstrate the software's capability in interpreting data.