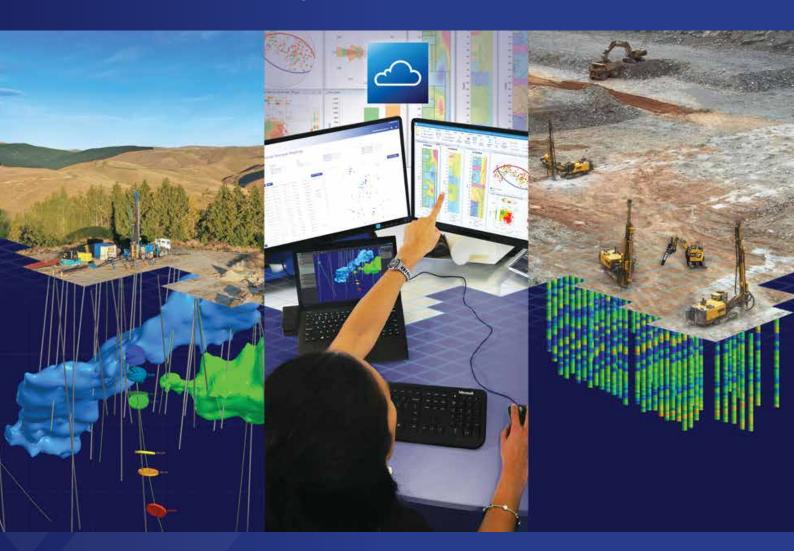


End-to-End Solutions

Enabling successful and cost-effective operations across the entire mining value chain





Our technologies enable safe and cost-effective operations

Drilling faster and smarter

- Drilling productivity and rig alignment technologies
- Automated and remote drilling fluid testing technologies
- Data collection and paperless reporting software

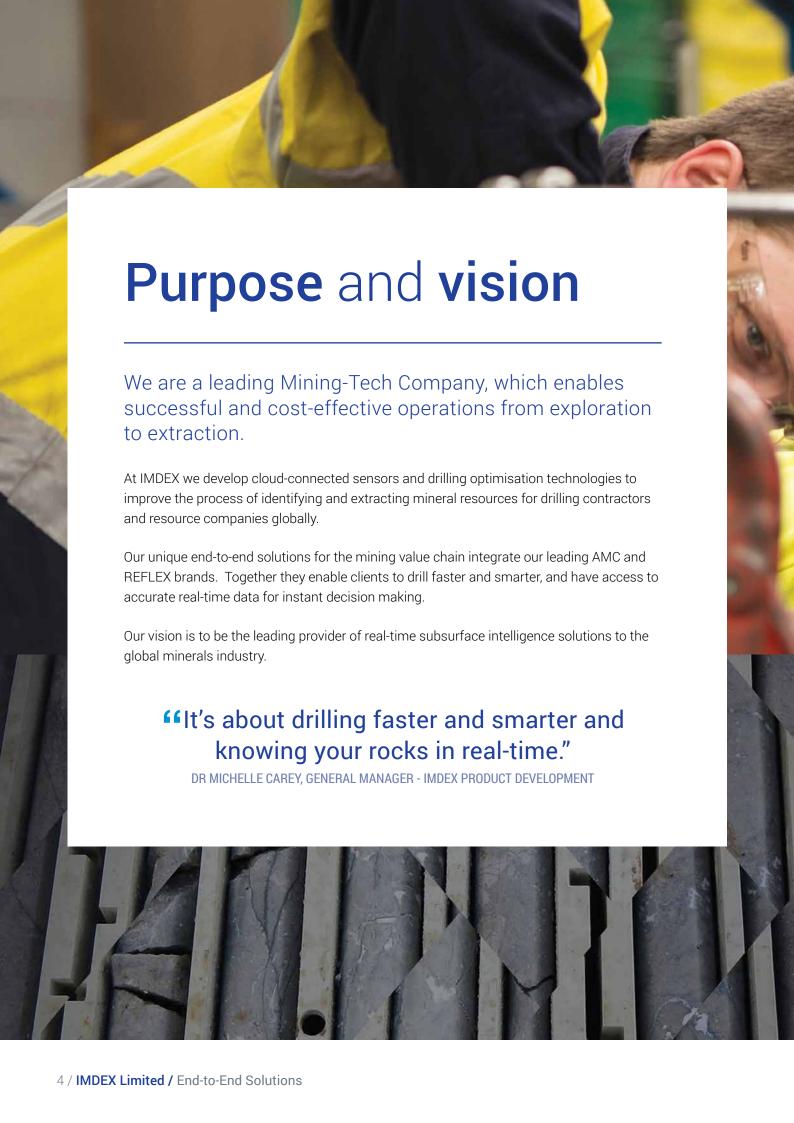
Accurate subsurface data

- Downhole survey sensors
- Core orientation and gamma logging technologies
- In-field sampling and analysis technologies

Receiving real-time information

- Secure cloud-based services
- · Real-time subsurface visualisation
- Interpretive software for geological data

EXPLORATION DISCOVERY PLANNING (SURFACE & UNDERGOUND) EXTRACTION (SURFACE & UNDERGOUND) EXTRACTION MINING & PRODUCTION



Leading brands







AMC

redefines the way drilling fluids, equipment, technologies and software are used to optimise drilling programs. It is renowned for maximising productivity while enhancing safety and sustainability. AMC has a strong presence within the global minerals, horizontal directional drilling, waterwell and civil construction sectors.



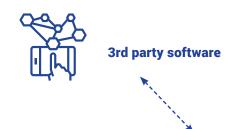
REFLEX

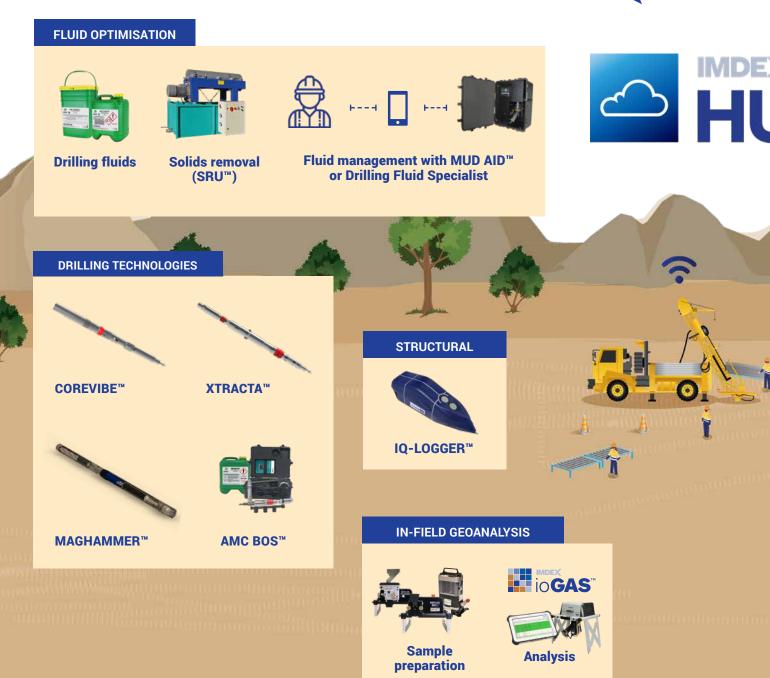
is renowned for its real-time subsurface intelligence solutions for the global minerals industry. REFLEX technologies include downhole instrumentation, data management and analytical software for geological modelling. These market leading technologies – recognised for their ease of use and accuracy – are complemented by unrivalled expertise in geoscientific data analysis and interpretation.

Why one solution provider?

When you work with IMDEX you have all the benefits of working with one trusted technology provider for a complete solution.

Benefit from operational efficiencies by utilising one company offering the integration of award-winning technology to digitise key workflow processes, supported by unrivalled expertise.





Our strengths

Market leading brands and expertise

One trusted technology provider

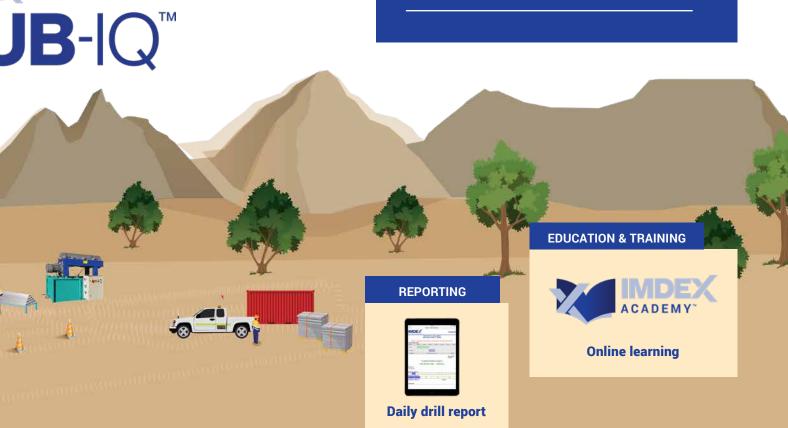
Integrated range of solutions for exploration, development and mining

Award-winning cloud based software IMDEXHUB-IQ™

World-class R&D facilities

Global presence with local on-site support







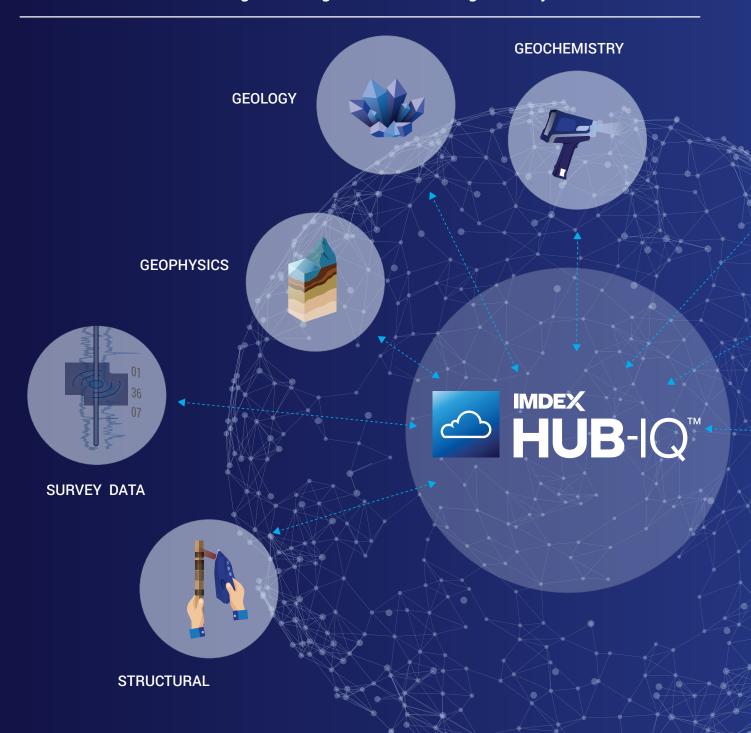


DIRECTIONAL DRILLING



Make decisions faster with real-time data

IMDEXHUB-IQ™ is a secure, cloud-based portal for validating field data seamlessly transmitted from the drill rig and integrated with leading industry software.



REPORTING DRILLING OPTIMISATION BLAST HOLE SENSOR DATA

Benefits

Make confident decisions in the moment

With access to real-time data, decisions can be made while operations are live. Not next week after the data has been adjusted and certainly not after the drill rig has finished and left the site.

See the bigger picture

Transparency across multiple streams of data, associated with a single drill hole or an entire operation allows managers to monitor activity and ensure quality decisions in the field, wherever they are.

Reliable information, not just data

The rigorous data validation and built-in QA/QC at the time of data collection, ensures that only data that can be transformed into valid, actionable information is transferred.

Seamless integration

We are partnering with leading industry software partners, such as Seequent, acQuire and MICROMINE, enabling the secure sharing of data between IMDEXHUB-IQ™ and our partners.

Simple and secure chain of custody

With no manual intervention or paperwork required, errors and inefficiencies in the workflow are reduced and decisions are made on verifiable data.

Robust security

IMDEX is a globally recognised cloud service provider, our team of IT professionals monitor information security. IMDEXHUB-IQ™ is ISO27001 certified and practices are aligned with ISO27001.



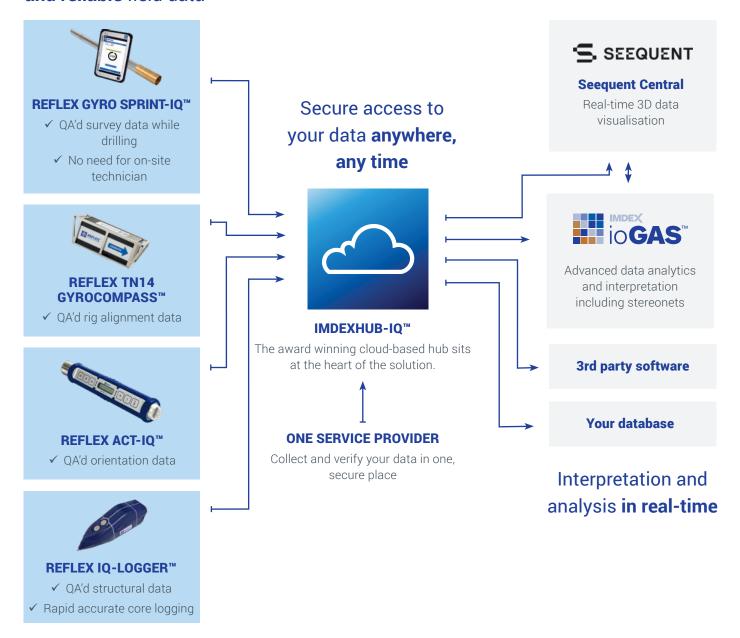
Structural Geology

Make decisions faster, with real-time data

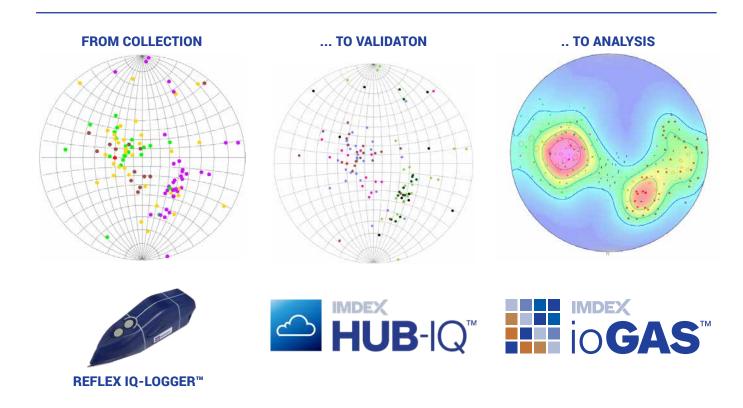
Are you confident the structural data you are relying on for key business decisions is accurate and reliable? Have you ever had to wait days, or even weeks for results from the field before making decisions? Worse still, have you had to make a decision based on data you didn't trust?

IMDEX has developed the end-to-end Structural Geology solution so resource companies can benefit from real-time, secure access to verified structural data directly from the field, improving operational efficiencies and reducing risk from manual intervention.

Seamlessly collect accurate and reliable field data



Rapid data capture, visualisation and analysis



The REFLEX IQ-LOGGER™ immediately became an integral part of our daily oriented core analysis and QA/QC procedures due to its ease of use, precision, and rapid visual feedback via dynamic stereonet analysis. It allowed us to collect literally 10x the structural data over traditional measurement systems and at a much higher quality. In my opinion, it is an essential tool for any drill based structural study."

- TERRALOGIC EXPLORATION, CHRIS GALLAGHER, MANAGER EXPLORATION TECHNOLOGY

Benefits



INSTANT DECISION
MAKING WITH ACCURATE
REAL-TIME DATA



SAVE TIME WITH UP TO 10X FASTER COLLECTION OF STRUCTURAL DATA



CONFIDENCE IN THE QUALITY OF YOUR DATA THROUGH IN BUILT QA/QC



VISUALIZATION AND ANALYSIS IN REAL-TIME

Testimonial submitted by Chris Gallagher Exploration Technology Manager, TerraLogic



Downhole Navigation

Utilise quality real-time data to hit that target

Hitting drill targets whilst maintaining productivity is a challenge in the industry. Having access to quality survey data in real time is critical to meeting this challenge. Without it you run the risk of not knowing where the hole is, or worse missing a target completely and wasting the cost of drilling the hole.

Accurate and reliable data gives you the confidence to make informed decision on drill hole progress against the plan in real-time. Integration of IMDEXHUB-IQ™ with Seequent's Central software means you now have real-time 3D visualisation of the drillhole.

Plan for success

Collect quality, data in real-time

Amend on the fly

Analyse data in real-time



IMDEXHUB-IQ™

- ✓ Create your drillhole, enter start and end coordinates
 - ✓ Push to drillers



GYROCOMPASS™

✓ QA'd rig alignment



REFLEX EZ-NAV™

- ✓ Run survey data against the design
- ✓ Measure how close you got to the bullseye



IMDEXHUB-IO™

- ✓ Approve dataset from anywhere and at any time.
- ✓ Collect and verify your data in one, secure place



REFLEX EZ-NAV™

- ✓ Design your drillhole
- ✓ Optimise drilling time



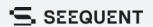
REFLEX GYRO SPRINT-IQ™

- ✓ 2x more accurate than competitor gyros
 - ✓ In-built QA



✓ Easily change direction





Seequent Central

Real-time 3D data visualisation

3rd party software

Your database

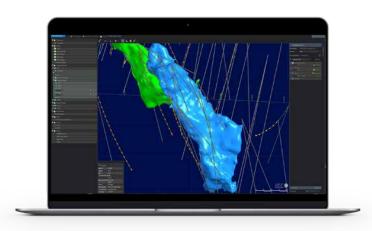


✓ In-built QA

Real-time 3D visualisation for your drillhole data

Thanks to the integration of the IMDEXHUB-IQ™ with Seequent's Central solution, you can now visualise and analyse your drillhole data alongside your 3D model in a seamless and integrated way.

Track progress of drilling by comparing survey data from the field with the planned hole in 3D. With the integration created at the project level in Central, anyone on the project team can easily look at the most recent data to make decisions while drilling is underway.



Benefits



INSTANT DECISION
MAKING WITH ACCURATE
REAL-TIME DATA



PROVEN TECHNOLOGY THAT IS RELIABLE AND ACCURATE FROM A BRAND YOU CAN TRUST



NO ON-SITE TECHNICIAN REQUIRED WITH EASY TO USE DRILLER-OPERABLE TOOLS



VISUALISATION AND ANALYSIS IN REAL-TIME





Drilling Optimisation

Ensure execution of drilling programs to specification, on time, within budget and safely.

As the cost of drilling increases, the need to improve productivity is paramount. Additional costs caused by higher operational standards, environmental restrictions and increased hole depths will continue. As specialists in Drilling Optimisation, IMDEX's vision is to ensure the execution of drilling programs to specification, on time, within budget and safely.

Our solution assists clients to:

- Hit targets accurately
- · Drill as fast as the ground will allow
- · Reduce down-time
- · Be safe and environmentally responsible
- Deliver a cost effective quality drilling program and have the data to back it up.



New technologies

IMDEX COREVIBE™

Energy pulse assisted drilling

Conventional wireline coring has been transformed. High frequency energy pulse assisted drilling (EPAD) enables the IMDEX COREVIBE™ to deliver a 30%* productivity gain, due to an increased Rate of Penetration (ROP) whilst retaining good bit life, core quality and keeping the hole on target.



IMDEX XTRACTA™

Retractable core barrel

Pulling rods is one of the most laborious, time-consuming and risky parts of diamond drilling. IMDEX XTRACTA™ allows the driller to inspect and/or change the bit/reamer each time the core is retrieved, optimising bit usage and minimising rod pulls.

With no need to pull the rods to change bits, the hole is always cased and maintaining hole integrity.

*Validated by SGS, a world leading inspection, verification, testing and certification company.



DRILL

AGGRESSIVELY

REDUCE HOLE

DETERIOR ATION



Make the most of your drilling fluid



Solids removal

- ✓ Drill faster by keeping fluid clean and free of solids
- ✓ Reduce water consumption by up to 80%
- ✓ Reduce waste volume and weight
- ✓ Reduce drilling footprint by up to 80%
- ✓ Contain drilling fluid / reduce contamination risk
- ✓ Reduce time on sump maintenance
- ✓ Reduce time waiting for water.

Drilling fluids

- ✓ Optimise productivity
- ✓ Meet the highest standards in biodegradability and toxicity
- ✓ Prevent hole loss in complex conditions
- ✓ Maintain core recovery.

Fluid management by remote with MUD AID™ or on-site specialist

- ✓ Drill faster and to specification by keeping fluids optimised
- ✓ Less down time due to maintaining drilling fluid system
- ✓ Manage risk in complex ground conditions
- ✓ Access to advice even in remote/ inaccessible sites
- ✓ Make the most of specialist advice.

Optimise performance of drilling fluid system

Why care about mud?

DRILLING FLUIDS HAVE AN IMPACT ON

30-60%

OF ALL DRILLING OPERATIONS

DRILLING FLUIDS ACCOUNT FOR

5-15%

OF DRILLING COSTS

AMC BOS™

A proactive solution for fluid loss and borehole instability

AMC's patent pending Borehole Optimisation System (AMC BOS™) anticipates fluid loss, lost circulation and unstable zones, even in the most difficult conditions — making operations more predictable and decreasing the risk of hole loss.

This solution comprises of the AMC BOS UNIT™ an in-hole lubricating and casing while drilling tool, and AMC BOS FIX™ a rapid fill lubricating grout.





Mining technology

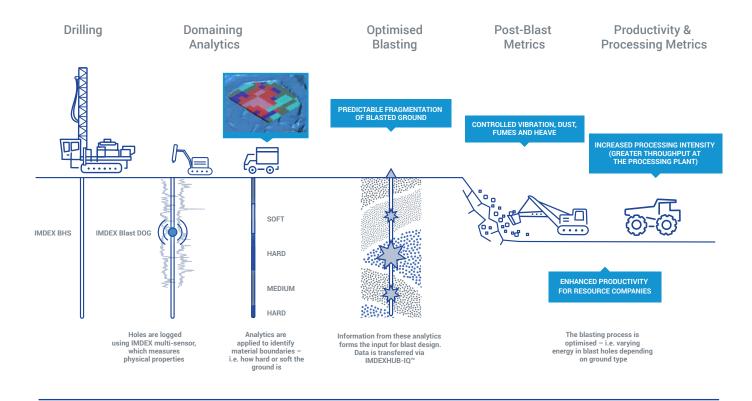
Optimised blasting and material tracking

IMDEX is currently developing the IMDEX BLAST DOG™, an autonomous system for logging material characteristics of blast holes, which allows automated spatial domaining of physical properties and fracturing.

The data from IMDEX BLAST DOG™ is designed to give clients more predictable fragmentation with their blasting leading to increased processing plant throughput; and better productivity. Additional outcomes include better control of vibration, dust, fumes and heave.

Knowing that holes have been drilled to plan is a critical component to the blasting process. IMDEX has also developed a drilling fluid and delivery method for Drill and Blast.

IMDEX BORE HOLE STABILISER™ provides a preventative drilling medium, which reduces hole degradation, cave-ins and exposure to fracturing for explosive material. In trials it has provided consistent gauge holes, minimised exposure to fractures, reduced fumes and ensured more efficient blasting.



Benefits



MAXIMISE REVENUE BY INCREASING MINE TO MILL EFFICIENCY



PREDICTABLE FRAGMENTATION OF BLASTED GROUND



CONTROL VIBRATION, DUST, FUMES AND HEAVE



REDUCE REDRILLS



In-field Geoanalysis

Providing quality geochemical data, where and when you need it

Do you find yourself making decisions without having all the necessary data available? IMDEX's In-Field Geoanalysis solution saves you crucial time and resources during your drilling or sampling program, by providing the data you need, where and when you need it.

A rapid mobile sample preparation system consistently provides a quality sample for analysis that you can rely on without having to send the sample offsite. Coupled with REFLEX XRF CONNECT™ and the cloud based IMDEXHUB-IQ™ platform, you can make informed decisions with confidence.

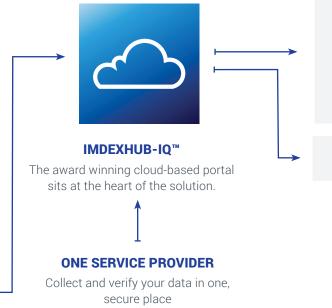
Seamless QA/QC workflows





Interpretation and analysis in real-time

Secure access to your data anywhere, any time



IMDEX IOGAS™

Advanced data analytics and interpretation

3rd party software

Quality geochemical data in 10 minutes



Benefits



INSTANT DECISION
MAKING WITH ACCURATE
REAL-TIME DATA



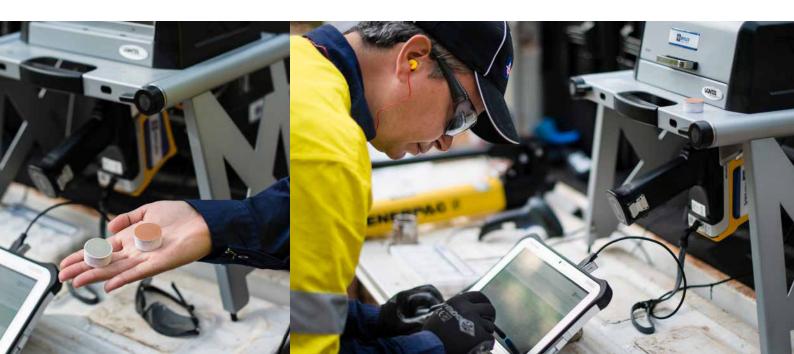
CONSISTENT AND QUALITY SAMPLE PREPARATION



INCREASED EFFICIENCY FROM STREAMLINED QA/QC WORKFLOWS



PRIORITISE SAMPLES
BEING SENT OFFSITE





Driller-Operable Geophysics

Know your critical lithological boundaries, before seeing the rocks

Geological logging can be qualitative, slow and subjective, sometimes with little support for the first pass assessment of drilling material. Imagine knowing where your critical lithological boundaries are before you see the rocks?

The REFLEX EZ-GAMMA™ can be used alone or with the REFLEX GYRO GAMMA SHUTTLE™ to allow efficient and simultaneous survey and gamma logging that can be completed by a member of the drill crew.

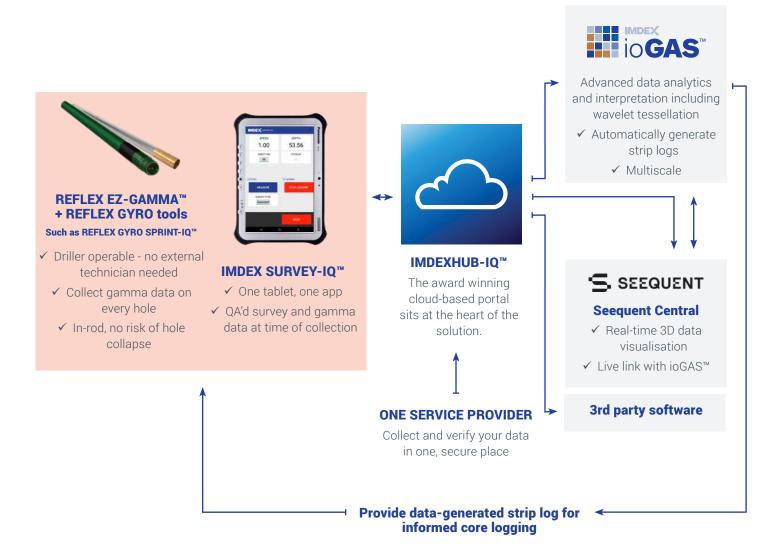
This unique combination of instruments saves time and eliminates the need for a costly technician and logging truck.

Results are immediately available for approval via IMDEXHUB-IQ™ and for analysis in ioGAS™. Available tools such as wavelet tessellation analysis allow geoscientists to rapidly analyse and visualise critical lithological boundaries, perform cross correlation, as well as identify zones of alteration.

Simultaneously collect gamma and survey data

Secure access to your data anywhere, any time

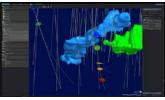
Interpretation and analysis in real-time



Rapid and real-time boundary picking

FROM COLLECTION ... TO VALIDATON

.. TO ANALYSIS





.. TO 3D MODELLING



.. TO CORE LOGGING











Benefits



INSTANT DECISION MAKING WITH ACCURATE **REAL-TIME DATA**



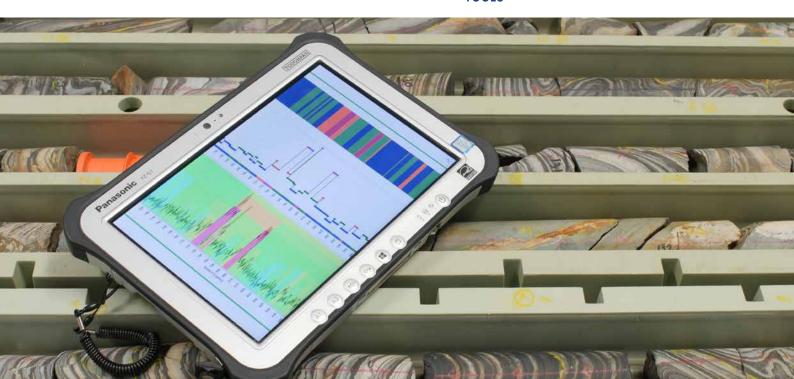
CONFIDENCE IN THE QUALITY OF YOUR DATA THROUGH IN BUILT QA/QC



NO ON-SITE TECHNICIAN REQUIRED WITH EASY TO USE DRILLER-OPERABLE TOOLS



VISUALISATION AND ANALYSIS IN REAL-TIME





Global presence, local support

IMDEX is an established business operating in all key mining regions of the world.

Our company's global presence and comprehensive distribution network allow us to provide local and timely solutions to clients. It also ensures we can efficiently introduce new technologies to our markets.



PAUL HOUSE, CHIEF OPERATING OFFICER





Partnering with IMDEX

Best in class support

At IMDEX we're committed to offering the highest level of support to our clients, so you can receive support on our products and solutions wherever you are in the world.

- IMDEX Customer Care Portal online support centre support.imdexlimited.com
- On-site or remote support from qualified drilling fluid technicians
- · Laboratory support and analytical services
- Personalised field and/or classroom training through IMDEX Academy.



Supply chain and logistics

At IMDEX we understand the global logistical challenges of the drilling and mining industries.

We own and operate manufacturing and repair facilities in all key regions for our brands. Our facilities use state-of-the art equipment, quality materials and enable us to control supply chain to the highest standards for our clients' operations.

We are committed to transparent, safe and ethical procurement practices. Our ethical buying and responsible sourcing program and practice are built on the Walkfree foundation's guidelines, "Tackling Modern Slavery in Supply Chains".



Research and development

At IMDEX, we are committed to ongoing research and development to maintain and enhance our technical leadership and support our position as a leading global mining technology company.

Our company currently employs a high proportion of engineers, geoscientists, industrial chemists and data scientists working on R&D and ongoing product development.





216 Balcatta Road Balcatta WA 6021 Australia

PO Box 1262 Osborne Park WA 6916 Australia

T +61 (0) 8 9445 4010

A LEADING GLOBAL MINING-TECH COMPANY

imdexlimited.com