# **IMDEX** Presentation **Bell Potter Emerging Leaders** Conference 2021

13 SEPT 2021

PAUL EVANS - CFO & COMPANY SECRETARY





#### FORWARD LOOKING STATEMENTS

THIS PRESENTATION MAY CONTAIN CERTAIN 'FORWARD-LOOKING STATEMENTS' AND PROJECTIONS PROVIDED BY OR ON BEHALF OF IMDEX LIMITED (IMDEX). FORWARD LOOKING STATEMENTS CAN GENERALLY BE IDENTIFIED BY THE USE OF FORWARD LOOKING WORDS SUCH AS, 'EXPECT', 'ANTICIPATE', 'LIKELY', 'INTEND', 'SHOULD', 'COULD', 'MAY', 'PREDICT', 'PLAN', 'PROPOSE', 'WILL', 'BELIEVE', 'FORECAST', 'ESTIMATE', 'TARGET' 'OUTLOOK', 'GUIDANCE' AND OTHER SIMILAR EXPRESSIONS WITHIN THE MEANING OF SECURITIES LAWS OF APPLICABLE JURISDICTIONS. THESE FORWARD-LOOKING STATEMENTS REFLECT VARIOUS ASSUMPTIONS MADE BY OR ON BEHALF OF IMDEX.

YOU ARE CAUTIONED NOT TO PLACE UNDUE RELIANCE ON FORWARD LOOKING STATEMENTS. THE STATEMENTS, OPINIONS AND ESTIMATES IN THIS PRESENTATION ARE BASED ON ASSUMPTIONS AND CONTINGENCIES SUBJECT TO CHANGE WITHOUT NOTICE, AS ARE STATEMENTS ABOUT MARKET AND INDUSTRY TRENDS. PROJECTIONS. GUIDANCE AND ESTIMATES.

THE FORWARD LOOKING STATEMENTS CONTAINED IN THIS PRESENTATION ARE NOT GUARANTEES OR PREDICTIONS OF FUTURE PERFORMANCE AND INVOLVE KNOWN AND UNKNOWN RISKS AND UNCERTAINTIES AND OTHER FACTORS, MANY OF WHICH ARE BEYOND THE CONTROL OF IMDEX. AND MAY INVOLVE SIGNIFICANT ELEMENTS OF SUBJECTIVE JUDGEMENT AND ASSUMPTIONS AS TO FUTURE EVENTS WHICH MAY OR MAY NOT BE CORRECT. THE FORWARD LOOKING STATEMENTS ARE SUBJECT TO SIGNIFICANT BUSINESS, ECONOMIC AND COMPETITIVE UNCERTAINTIES AND CONTINGENCIES ASSOCIATED WITH THE MINING - TECHNICAL SERVICES INDUSTRY WHICH MAY BE BEYOND THE CONTROL IMDEX WHICH COULD CAUSE ACTUAL RESULTS OR TRENDS TO DIFFER MATERIALLY, INCLUDING BUT NOT LIMITED TO RETENTION OF KEY BUSINESS RELATIONSHIPS, ENVIRONMENTAL IMPACTS AND CLAIMS, OPERATIONAL AND EXECUTIONAL RISKS, RESEARCH AND DEVELOPMENT AND INTELLECTUAL PROPERTY RISKS AN INABILITY TO MEET CUSTOMER DEMAND PRICE AND CURRENCY FLUCTUATIONS, OPERATING RESULTS, LEGISLATIVE, FISCAL AND REGULATORY DEVELOPMENTS, ECONOMIC AND FINANCIAL MARKET CONDITIONS IN VARIOUS COUNTRIES, APPROVALS AND COST ESTIMATES, ENVIRONMENTAL RISKS, ABILITY TO MEET FUNDING REQUIREMENTS AND SHARE PRICE VOLATILITY. ACCORDINGLY, THERE CAN BE NO ASSURANCE THAT SUCH STATEMENTS AND PROJECTIONS WILL BE REALISED. IMDEX MAKES NO REPRESENTATIONS AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH STATEMENT OF PROJECTIONS OR THAT ANY FORECASTS WILL BE ACHIEVED.

A NUMBER OF IMPORTANT FACTORS COULD CAUSE ACTUAL RESULTS, ACHIEVEMENTS OR PERFORMANCE TO DIFFER MATERIALLY FROM THE FORWARD LOOKING STATEMENTS, INCLUDING THE RISKS AND UNCERTAINTIES SET OUT ABOVE. INVESTORS SHOULD CONSIDER THE FORWARD LOOKING STATEMENTS CONTAINED IN THIS PRESENTATION IN LIGHT OF THOSE MATTERS. THE FORWARD LOOKING STATEMENTS ARE BASED ON INFORMATION AVAILABLE TO IMDEX AS AT THE DATE OF THIS PRESENTATION. EXCEPT AS REQUIRED BY LAW OR REGULATION (INCLUDING THE ASX LISTING RULES), IMDEX UNDERTAKES NO OBLIGATION TO PROVIDE ANY ADDITIONAL OR UPDATED INFORMATION WHETHER AS A RESULT OF NEW INFORMATION, FUTURE EVENTS OR RESULTS OR OTHERWISE. INDICATIONS OF, AND GUIDANCE OR OUTLOOK ON, FUTURE EARNINGS OR FINANCIAL POSITION OR PERFORMANCE ARE ALSO FORWARD LOOKING STATEMENTS.



IMDEX IS A LEADING GLOBAL MINING-TECH COMPANY.

WE ENABLE CLIENTS TO FIND, DEFINE AND MINE OREBODIES WITH PRECISION AND AT SPEED.





# A MINING-TECH COMPANY

TECHNICAL LEADERSHIP
IS CENTRAL TO GROWTH
STRATEGY

CONSISTENT
INVESTMENT IN
R&D TO DESIGN AND
DELIVER PATENTED
TECHNOLOGIES

TRULY GLOBAL

CAPITAL LIGHT PEOPLE LIGHT

LIMITED CONTRACT RISK LIMITED COMMODITY RISK LIMITED GEOGRAPHY RISK DEVELOPING
INTEGRATED SOLUTIONS
RATHER THAN
INDIVIDUAL PRODUCTS

BUILDING A HIGH-QUALITY REVENUE BASE WITH INCREASING EBITDA MARGINS



#### FY21 FINANCIAL HIGHLIGHTS

## 5-YEAR REVENUE CAGR 15%

S&P 5-year exploration spend CAGR 8.3%

1 1 %
REVENUE

Up 18% on a constant currency basis
Strong demand in all regions
Revenue near to or exceeding
pre-COVID levels

(FY21 \$264.4m v FY20 \$237.7m)

**↑** 39%

Up 50% on a constant currency basis
Gross margins maintained
Strong fixed cost leverage
EBITDA margin 28.5%
(FY21 \$75.5m v FY20 \$54.4m)

↑ 45%
NPAT

Tax rate 30.9% Effective tax rate 28.9% (FY21 \$31.7m v FY20 \$21.8m)

CASH FROM OPERATIONS

(FY21 \$56.9m v FY20 \$52.4m)

**†** 48%

NET CASH

(FY21 \$47.4m v FY20 \$32.1m)

**1** 41%

FINAL DIVIDEND

Final 1.4 cps, interim 1.0 cps 30% payout
Plus special dividend 0.4 cps
(FY21 2.4 cps v FY20 1.7 cps)



FY21 OPERATIONAL HIGHLIGHTS

**↓** 53%

↑ 52%
RECORD SENSORS

**1** 30% IMDEXHUB™

+3
NEW JDAs

A strong focus on employee wellbeing, diversity and workplace flexibility

Sensors on rent up 35% on pre-COVID-19 peak

**ON RENT** 

Delivering greater value for clients

**CONNECTED REVENUE** 

Recommenced client trials with IMDEX BLASTDOG™

#### AGILE R&D INVESTMENT

#### SUCCESSFULLY NAVIGATED COVID-19

With increasing pressure on supply chains

#### TARGETED R&D IN RESPONSE TO DEMAND

Upgraded IMDEXHUB-IQ™ and released ioGAS 7.3™ geochemistry data analysis software

# ACQUIRED aiSIRIS SOFTWARE

Building on AI capabilities and real-time rock knowledge offering

#### ADVANCED SUSTAINABILITY STRATEGY

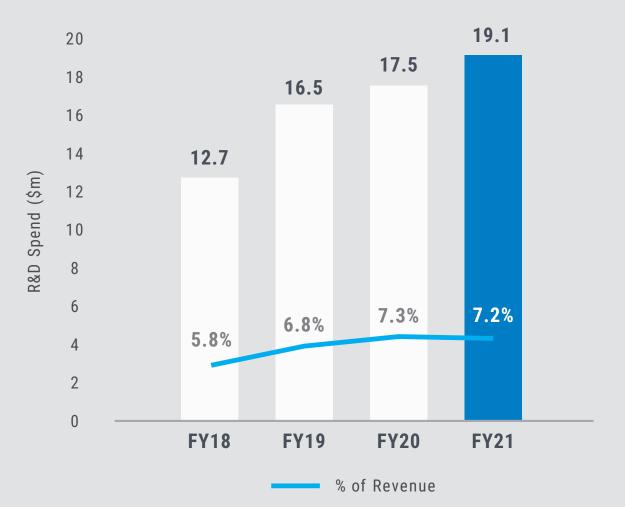
Introduced Sustainability Policy

Releasing Sustainability Report in September 2021

#### Commitment to R&D and Technology Leadership



# RESEARCH & DEVELOPMENT R&D SPEND (\$m)



INVESTMENT IN R&D IN ALL MARKET CONDITIONS

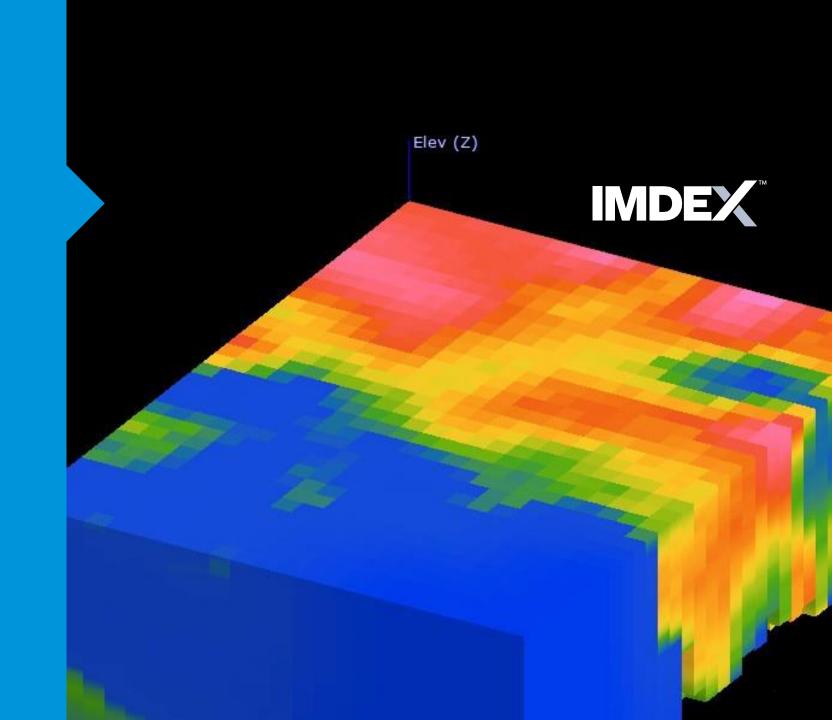
ABILITY TO TARGET R&D SPEND IN LINE WITH DEMAND

DISCIPLINED STAGE GATE PRODUCT DEVELOPMENT PROCESS

INCREASING PERCENTAGE OF EXPENDITURE ON SOFTWARE VERSUS HARDWARE

**R&D IS LARGELY EXPENSED** 

## INDUSTRY & MARKET UPDATE



## **Strong Industry Fundamentals**



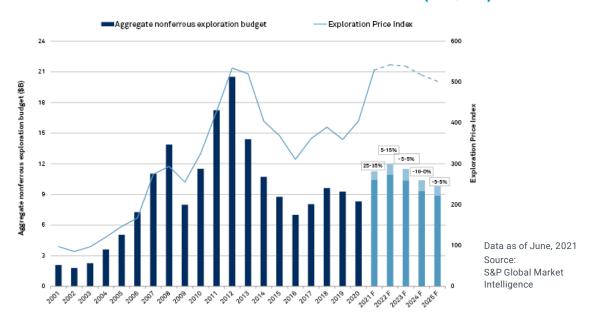
- Clients are embracing innovation and new digital ways of working
- Strong commodity prices driven by the positive outlook for a global recovery and increasing demand due to diminishing reserves
- Demand for critical metals is expected to increase at a faster pace due to decarbonisation
- Capital raising volumes up 26% and values up 22% YoY
- The lag-time between funds raised and expenditure on site has increased \* \* Historically 6 to 9 months

**66** Over the years we believe we have spent less than we should be spending on exploration...

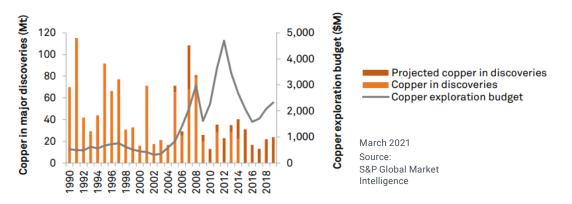
Global annual exploration spending for base metals will nearly double within five years... \*\*\*

LAURA TYLER, BHP CHIEF TECHNICAL OFFICER JUNE 2021

#### **GLOBAL NONFERROUS EXPLORATION BUDGETS (US\$BN)**



#### MAJOR DISCOVERIES ON THE DOWNTREND



## **Short-term Industry Constraints**



- Global rig utilisation has only just returned to / exceeded pre-COVID-19 levels
- Rig utilisation in Australia and USA is at near-capacity
- Delivery times for new rigs has increased
- Shipping times on key routes have more than doubled and freight costs have increased

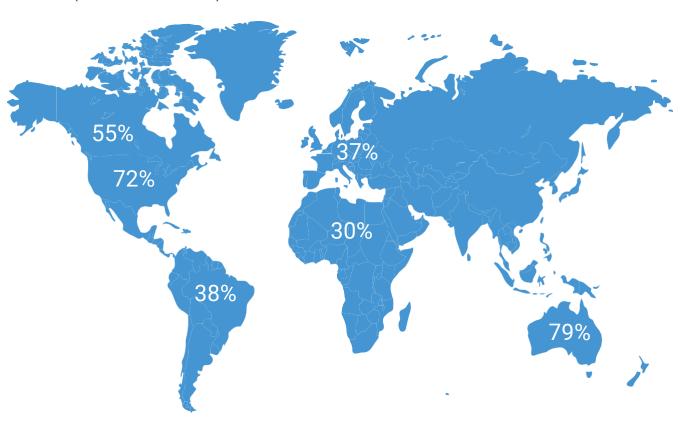
The industry is clearly willing to invest in capital and increase exploration expenditure. The challenge will be the speed at which it can move.

Delivery against these targets will require time and investment in labour, drilling rigs, and other supply chain pressures that are a current constraint. \*\*\*

PAUL HOUSE, IMDEX CEO
JUNE 2021 MACQUARIE EMERGING LEADERS CONFERENCE







Note: Canada measured during the period of seasonal transition from winter to summer drilling

## BUSINESS OVERVIEW



### **Our Product Offering**



Drilling Optimisation Products



Our Drilling Optimisation suite of products enhance drilling productivity while improving safety and the impact on the environment

- Drilling Fluids
- · Solids Removal Units
- Remote Fluid Testing Technologies
- Rig Alignment Technologies
- · Drilling Productivity Technologies

SALES AND RENTAL REVENUE

Rock Knowledge Sensors



Our best-in-class sensors collect critical data on the four elements of rock knowledge – location, grade, mineralogy and texture

- · Downhole Survey Sensors
- Core Orientation Sensors
- · Gamma Logging Sensors
- Structural Orientation Sensors
- In-Field Sampling and Analysis

RENTAL REVENUE

Real-time Data and Analytics



Our cloud platform and market leading geoscience analytical software enrich data and enable real-time decisions to be made further upstream

- Cloud-based Data Collection and Validation Platform (IMDEXHUB-IQ™)
- Advanced Reporting Software (IMDEX Mobile™)
- Geoscience analytics software (ioGAS™)
- Interpretive mineralogy software (aiSIRIS™)

SaaS REVENUE

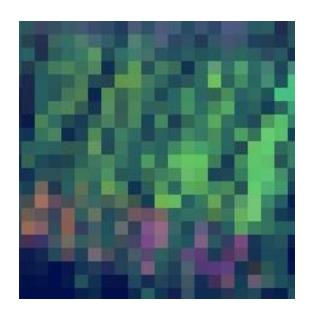
## Why Real-time Rock Knowledge is Important

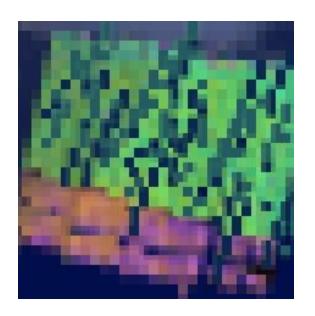


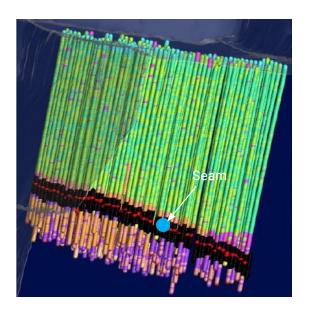
MANY \$BN MINING
INVESTMENT DECISIONS ARE
MADE HAVING SAMPLED ONLY
1% OF 1% OF THE ORE BODY.

Rock knowledge is an understanding of location, texture, grade and mineralogy.

It answers the questions where to drill next and how processing can be optimised. We enable the timely delivery of quality data, giving clarity on the nature of the rock to allow real-time decisions to be made, rather than having to wait weeks or months.







## A Stronger Revenue Profile

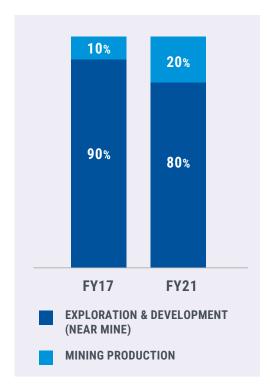


#### **↑** SENSORS & SOFTWARE



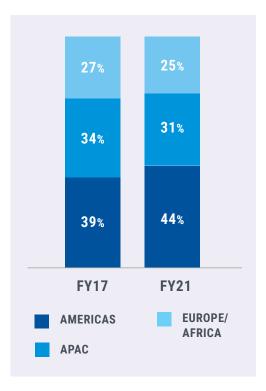
 Increasing revenue from sensors and software – higher margins and quality recurring revenue

#### **↑** PRODUCTION EXPOSURE



 Increasing revenue from mining production phase – a larger addressable market and less cyclical

#### **↑** AMERICAS



 Increasing revenue from the Americas

#### **BROAD COMMODITY EXPOSURE**



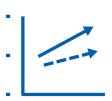
- Product offering is commodity agnostic
- Critical metals are expected to grow at a faster rate

### Strong Core Business in All Market Conditions





A STRONG FINANCIAL PLATFORM



OUTPERFORMING INDUSTRY GROWTH



ABILITY TO ACCELERATE ORGANIC GROWTH





MARKET LEADING TECHNOLOGIES



WORLD-CLASS R&D AND GEOSCIENCE CAPABILITIES



EXPERIENCED AND DIVERSE LEADERSHIP TEAM



OPPORTUNITIES TO ENHANCE SUSTAINABLE OPERATIONS

# GROWTH OPPORTUNITIES



## Four Compelling Growth Drivers



1 TECHNOLOGY LEADERSHIP

Targeted R&D to win market share

2 EXTENSION INTO MINING PRODUCTION

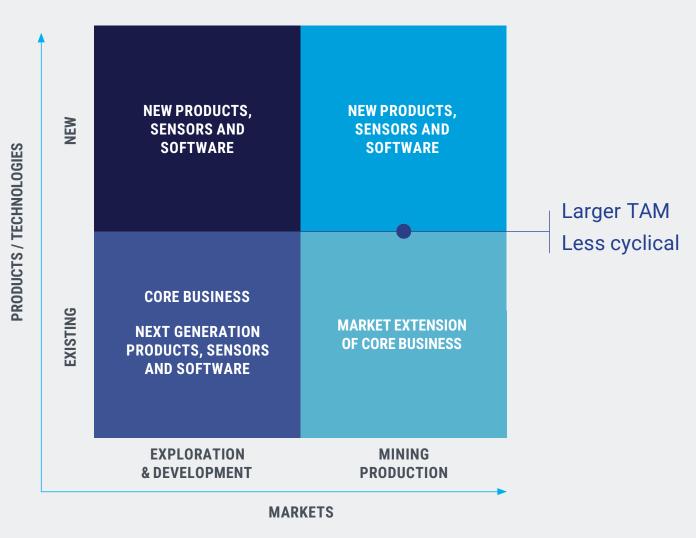
Leverage into adjacent market where it is the same ore body and the same client

3 IMDEX INTEGRATED SOLUTION SALES

Optimised solutions for for orebodies to maximise client value and IMDEX revenue earned

4 COMPLEMENTARY ACQUISITIONS

Emerging or established technologies and software that are on strategy and complement existing revenue



## 1 Technology Leadership



#### **MEASURING OUR PERFORMANCE**

NEW TECHNOLOGIES
PROVIDE GREATER VALUE
TO CLIENTS AND GENERATE
3 - 5x MORE
REVENUE
PER SENSOR

**AVERAGE RENTAL PER UNIT UP 3%** 

CLIENTS CONNECTED TO IMDEXHUB-IQ™ GENERATE MORE REVENUE FOR IMDEX

SENSORS ON RENT UP 52%, UP 35% FROM PRE-COVID-19 PEAK

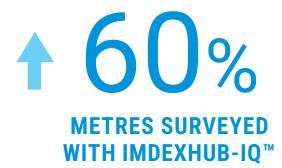


IMDEXHUB-IQ™ CONNECTED REVENUE UP 30.3%



TO IMDEXHUB-IQ™

61% OF TOP 100 CLIENTS ARE IMDEXHUB-IQ™ CONNECTED - UP FROM 58%



173 MILLION METRES SURVEYED WITH CONNECTED SENSORS

### 2 Extension into Mining Production



#### **MEASURING OUR PERFORMANCE**

Progressed IMDEX BLASTDOG™ testing at IMDEX trial site. Advanced robotics, autonomy and sensor development

Resumed testing with JDA\* partner in Queensland in late FY21 — technology in Chile mobilising to site for future trials

Developed virtual reality IMDEX BLASTDOG™ training in response to COVID-19

Converted drilling optimisation dosing fluid systems into recurring operating revenue — 5 sites with additional commercial trials underway



IMDEX BLASTDOG™ in virtual environment for training

### 3

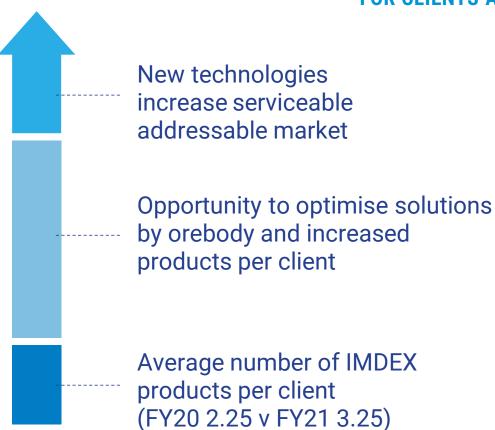
(Top 250 Clients)

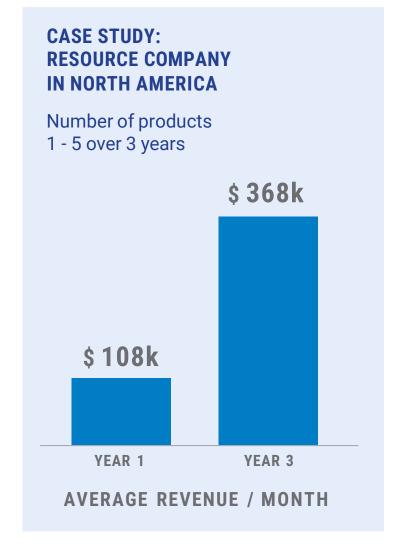
## IMDEX Integrated Solution Sales



DELIVERING INTEGRATED IMDEX SOLUTIONS RATHER THAN INDIVIDUAL PRODUCTS

THE BREADTH OF OUR INTEGRATED PRODUCT OFFERING UNLOCKS VALUE FOR CLIENTS AND IMDEX

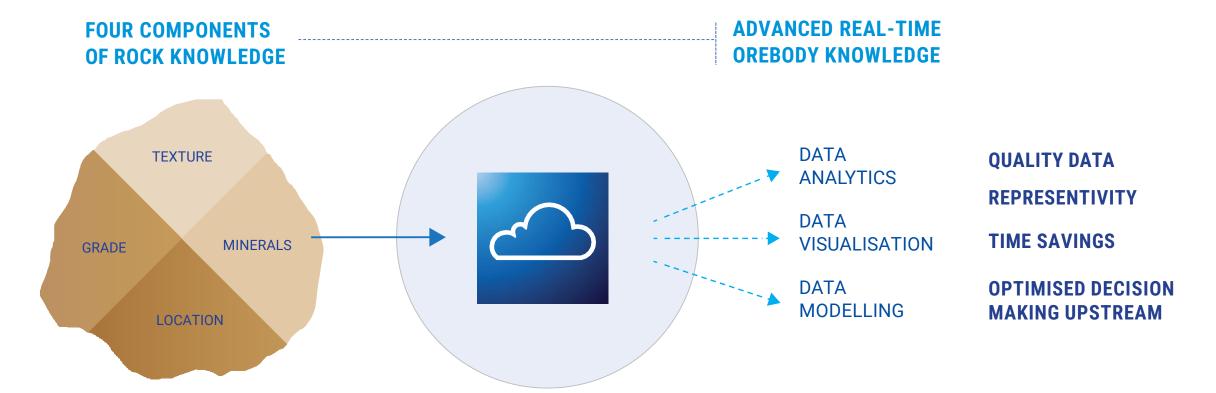




## 4

## **Complementary Acquisitions**

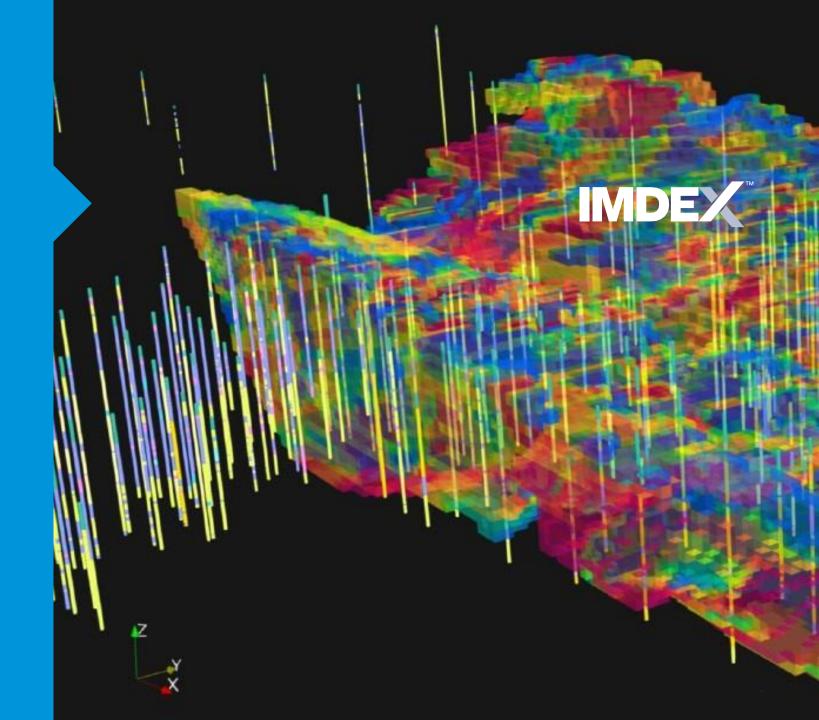




**WHAT IS ON STRATEGY** 

- Bolt on acquisitions that complement existing product offering
- Consistent with technology development road map to deliver advanced real-time orebody knowledge
- Unique defendable IP
- Scalable production and service

## DATACLOUD TECHNOLOGY AQUISITION



### DataCloud Technology Acquisition - Overview



#### **ACQUISITION OVERVIEW**

- Circa \$20m asset purchase agreement to acquire the MinePortal software from Californian-based DataCloud International announced 10 September 2021
- Acquisition is on strategy and accelerates growth into the mining production phase
- Immediately delivers additional SaaS revenue for IMDEX by generating unique answer products derived from IMDEX technology originated data and third-party geosensing systems
- A \$2m net outflow is anticipated in FY22 and the acquisition is expected to be EPS accretive by FY24
- Key personnel will complement IMDEX's existing presence in California and bring additional AI and geoscience expertise

#### MINEPORTAL SOFTWARE

- A new-generation native cloud application that enables geological data modelling and real-time 3D visualisation
- Capacity to process high volumes of data in a cloud environment, while applying geostatistical and machine learning algorithms to identify orebody trends
- Processes IMDEX BLASTDOG<sup>™</sup> data with the capability to ingest and process other data sets, including MWD data and other IMDEX sensor data
- Integrates with IMDEXHUB-IQ<sup>™</sup> to deliver a connected real-time orebody knowledge ecosystem and accelerate our product development roadmap
- Enhances the value of IMDEX BLASTDOG<sup>™</sup> for clients by translating sensor data into 3D visualisation models

### Four Compelling Growth Drivers



**✓** TECHNOLOGY LEADERSHIP

Targeted R&D to win market share

EXTENSION INTO MINING PRODUCTION

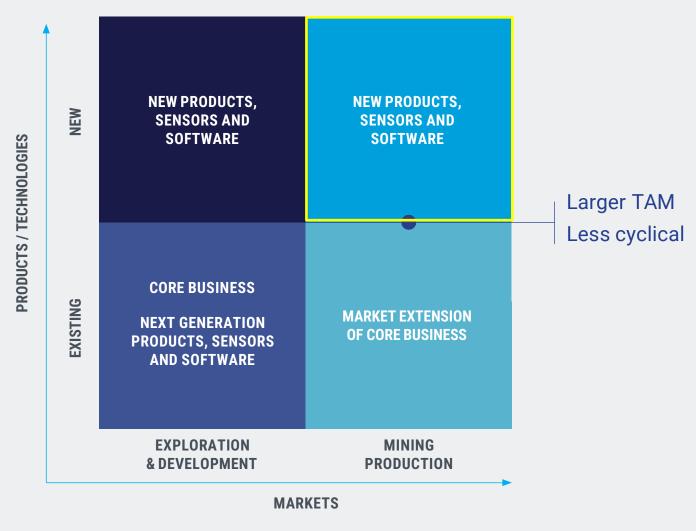
Leverage into adjacent market where it is the same ore body and the same client

**IMDEX INTEGRATED SOLUTION SALES** 

Optimised solutions for orebodies to maximise client value and IMDEX revenue earned

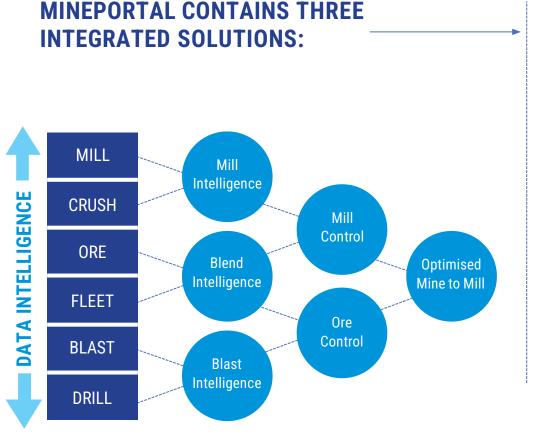
**COMPLEMENTARY ACQUISITIONS** 

Emerging or established technologies and software that are on strategy and complement existing revenue



## MinePortal Integrated Solutions





#### DATA LAB

Unifying all systems and operations for site-wide optimisation

- Achieve interoperability
- Visually understand operations
- A cloud-based collaboration space

#### BLAST INTELLIGENCE

Maximise throughput by optimising blast performance

- Combine different drill systems' data
- Automate updates to geological models
- Predict the next bench down

#### BLEND INTELLIGENCE

Consistent grade and hardness blends for optimal throughput

- Real-time grade control and hardness monitoring
- In-pit stockpile modelling
- Alert notifications when thresholds are crossed

## MinePortal Orebody Knowledge Ecosystem



## FROM THE MINE SITE

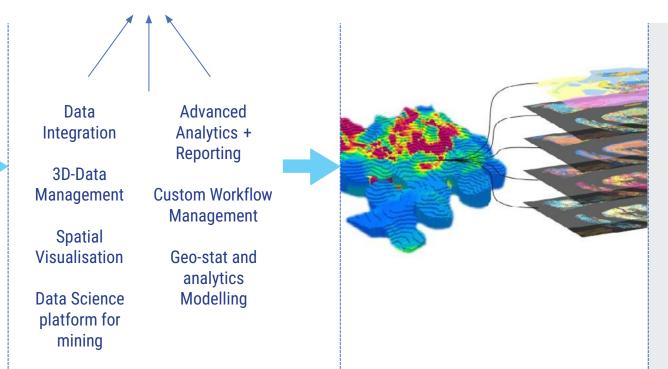
### CUSTOMER GEO + OPERATIONS DATA

Mine MWD\*, Geo Models, RC Data, Core and downstream

## BENCH DIRECT MEASUREMENTS

Measurement devices including IMDEX BLASTDOG™ needing edge and pipeline processing to enhance orebody knowledge in near real time – (optional)

## KEY MINEPORTAL ABILITIES



**GEOLOGIC MODEL** 

**OPERATIONAL BLASTING** 

**ORE LOSS / DILUTION** 

**MATERIAL DELINEATION** 

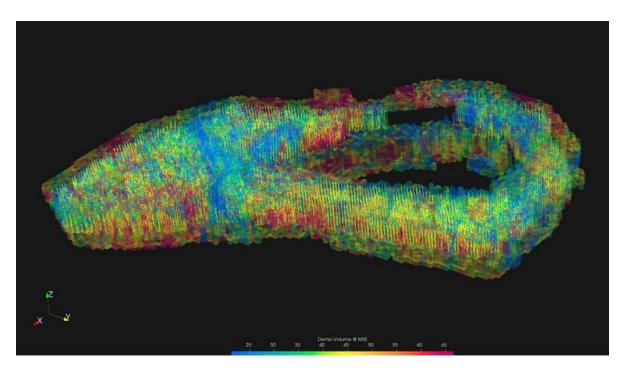
**MULTIPLE DATA LAYERS** 

<sup>\*</sup>Measure while drilling

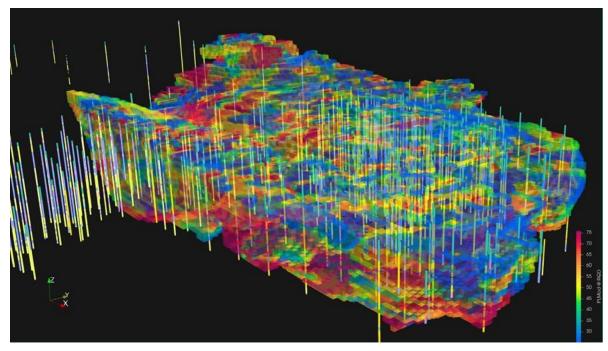
## Sample MinePortal Orebody Models



#### HIGH SPATIAL FIDELITY IN THE CLOUD



MWD VISUALISATION IN MINEPORTAL
OVERLAID WITH AUTO BUILT BLOCK-MODEL



MWD VISUALISATION IN MINEPORTAL OVERLAID WITH AUTO BUILT BLOCK-MODEL

## Accelerating IMDEX BLASTDOG™



IOG **ANALYTICS & 3D OPTIMISED DRILLING MEASUREMENT DOWNSTREAM VISUALISATION BLASTING** MANAGE VIBRATION, **INCREASED PROCESSING DUST, FUMES AND HEAVE INTENSITY (GREATER** THROUGHPUT AT THE PROCESSING PLANT) CONSISTENT ~4% OF WORLD ENERGY **FRAGMENTATION USAGE IS RELATED TO** OF BLASTED GROUND **PROCESSING AT THE** MILL

#### **IMDEX BHS™**

Drill once, stabilising the walls of the hole to reduce fallback

#### **IMDEX BLASTDOG™**

Holes are logged using IMDEX multisensor, which measures physical properties

#### **IMDEXHUB-IQ™** & MINEPORTAL

Analytics are applied to produce Rock Knowledge answer products (top) and 3D block models (bottom)

Use the Rock Knowledge as input to the blast design via

**IMDEXHUB-IQ™** 

Mitigate risk and negative impacts on the blast by measuring hole gauge and reducing redrilling and improving the blast outcome

Enhance productivity for resource companies

#### **Transaction Overview**

IMPEA CHYDEC



- IMDEX will acquire the assets and intellectual property relating to MinePortal and associated software
- The circa \$20m transaction includes an initial cash payment of \$8m
- The balance of the transaction is payable by the issue of IMDEX shares over a three-year period

DAVADIE

TO BE ISSUED	PAYABLE
1,578,117	First anniversary of completion
1,578,117	Second anniversary of completion
2,104,156	Third anniversary of closing  Shares issued if revenue from the DataCloud assets meets the agreed target by the third anniversary of completion. If this revenue target is not achieved no shares will be issued in the third tranche.





ACCELERATING OUR PRODUCT DEVELOPMENT ROAD MAP

## FY22 FOCUS AREAS AND OUTLOOK



## FY22 Key Focus Areas and Operational Initiatives





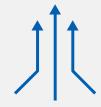
PROTECTING OUR PEOPLE



JDAs\* TO JOINTLY ENGAGE RESOURCE COMPANIES AND DRILLING CLIENTS



INCREASED R&D FOR CONNECTED SENSORS AND SOFTWARE SOLUTIONS TO ACCELERATE GROWTH AND BUILD SCALE



ENSURING CONTINUITY OF BUSINESS FOR CLIENTS



KEY ACCOUNT MANAGEMENT CAPABILITIES TO EMBED VALUE FOR CLIENTS AND ENHANCE IMDEX SOLUTION SELLING



DIGITAL TRANSFORMATION 2.0 TO FURTHER STREAMLINE COSTS AND ENHANCE THE CLIENT EXPERIENCE

<sup>\*</sup>Joint development agreements

#### Positive Outlook





THE LONG-TERM
OUTLOOK FOR MININGTECH IS STRONG

WE REMAIN WATCHFUL
AND READY TO
RESPOND TO RISKS
AND OPPORTUNITIES
PRESENTED BY COVID-19

WE ARE POSITIONED
TO BENEFIT FROM
INCREASING DEMAND
FOR REAL-TIME
ORE BODY KNOWLEDGE

CLIENTS ARE WELL
FUNDED AND FOCUSED
ON SUSTAINING AND
INCREASING ACTIVITY

SUPPLY CHAIN
PRESSURE, LABOUR AND
RIG CONSTRAINTS ARE
EXPECTED TO TEMPER
PACE OF GROWTH IN THE
SHORT-TERM

WE HAVE COMPELLING
INVESTMENT
OPPORTUNITIES TO
ACCELERATE IMDEX
GROWTH

OUR COMPANY IS IN
A STRONG POSITION
TO LEVERAGE ITS CORE
BUSINESS, UNIQUE
COMPETITIVE POSITION
AND POSITIVE INDUSTRY
FUNDAMENTALS

# Thank you



We believe mining is essential to every aspect of modern life.

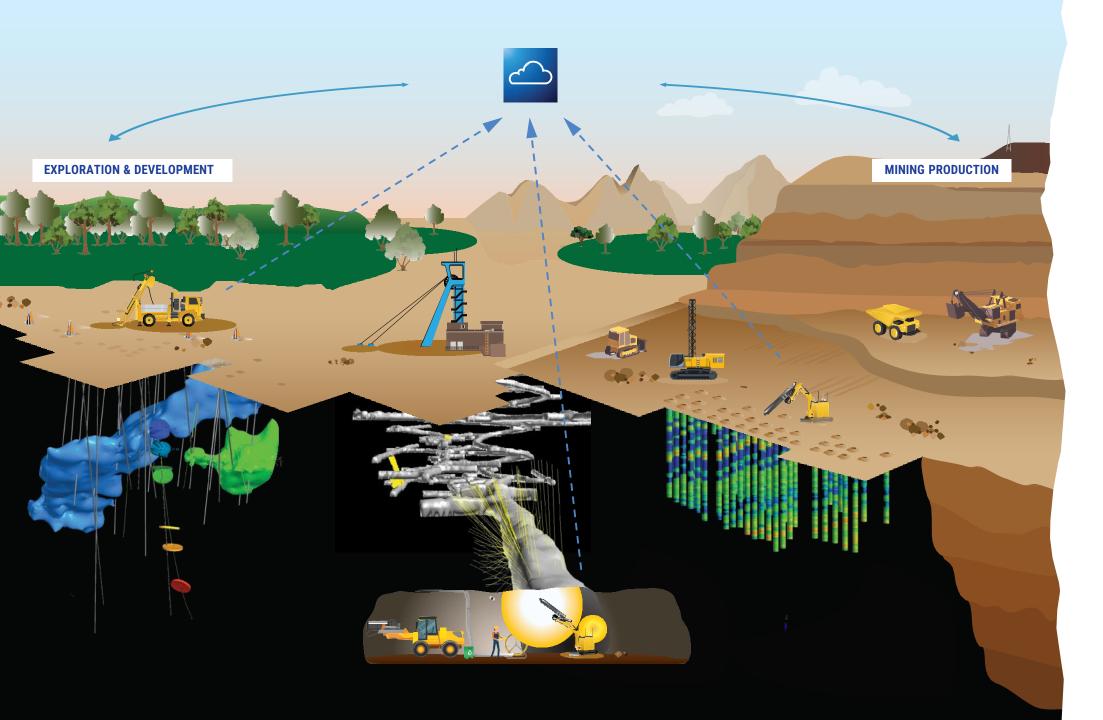
Our opportunity is to change the global minerals industry forever.

FOR FURTHER INFORMATION PLEASE CONTACT:

KYM CLEMENTS
INVESTOR RELATIONS OFFICER
KYM.CLEMENTS@IMDEXLIMITED.COM

- IMDEX has a strong core business that consistently outperforms industry growth.
- Our investment in R&D ensures we have the best suite of products to maintain technical leadership and increase market share.
- Our global presence is unrivalled. This provides a compelling opportunity to embed real value for clients and maximise revenue and earnings for IMDEX.
- Our technologies enable us to provide critical insights right through-out the mining value chain. Leveraging our core competencies within the larger less-cyclical mining production market, is a natural extension.
- Our strong cash generation and balance sheet allows us to make on-strategy acquisitions as they present. These acquisitions complement our product offering and are consistent with our technology development road map to deliver advanced real-time orebody knowledge.
- These are the growth opportunities that we believe in and are pursuing for our shareholders. Our opportunity is to change the global minerals industry forever.

PAUL HOUSE IMDEX CEO





DRILLING
OPTIMISATION
PRODUCTS



ROCK KNOWLEDGE SENSORS



REAL-TIME DATA & ANALYTICS