



# Investor presentation.

**MAY 2020 ASX: ICE**

[www.icetana.com](http://www.icetana.com)

# Regulatory and legal

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Authorised for release by the Board of icetana Limited

AI driven video analytics  
software that dramatically  
improves active monitoring of  
surveillance networks

# Overview



Over **12,000** cameras and **38** customer sites



**10+** years of AI/Machine Learning **development**. **A\$10m+** invested into the **underlying technology**



**Patents in US, Japan, and Australia**



**Experienced leadership team** in enterprise software, product management and B2B distribution



**Listed on ASX in December 2019**  
Raising \$5m



**Global video surveillance analytics** spending is forecasted to reach **US\$8.6bn** (A\$12bn+) **by 2023**



# The Solution

## Our motion based video analytics solution is:



### Self learning

Uses AI technology, studying billions of pixels to learn “normal behaviour” over a two week period



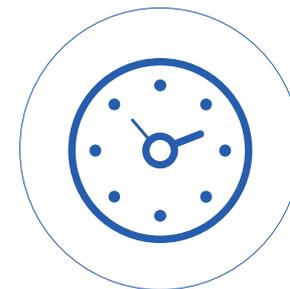
### Identifies anomalies

When something anomalous is detected, the abnormal behaviour is highlighted to an operator



### Efficient

Complements existing video management systems by providing an add in for existing camera systems or new installations



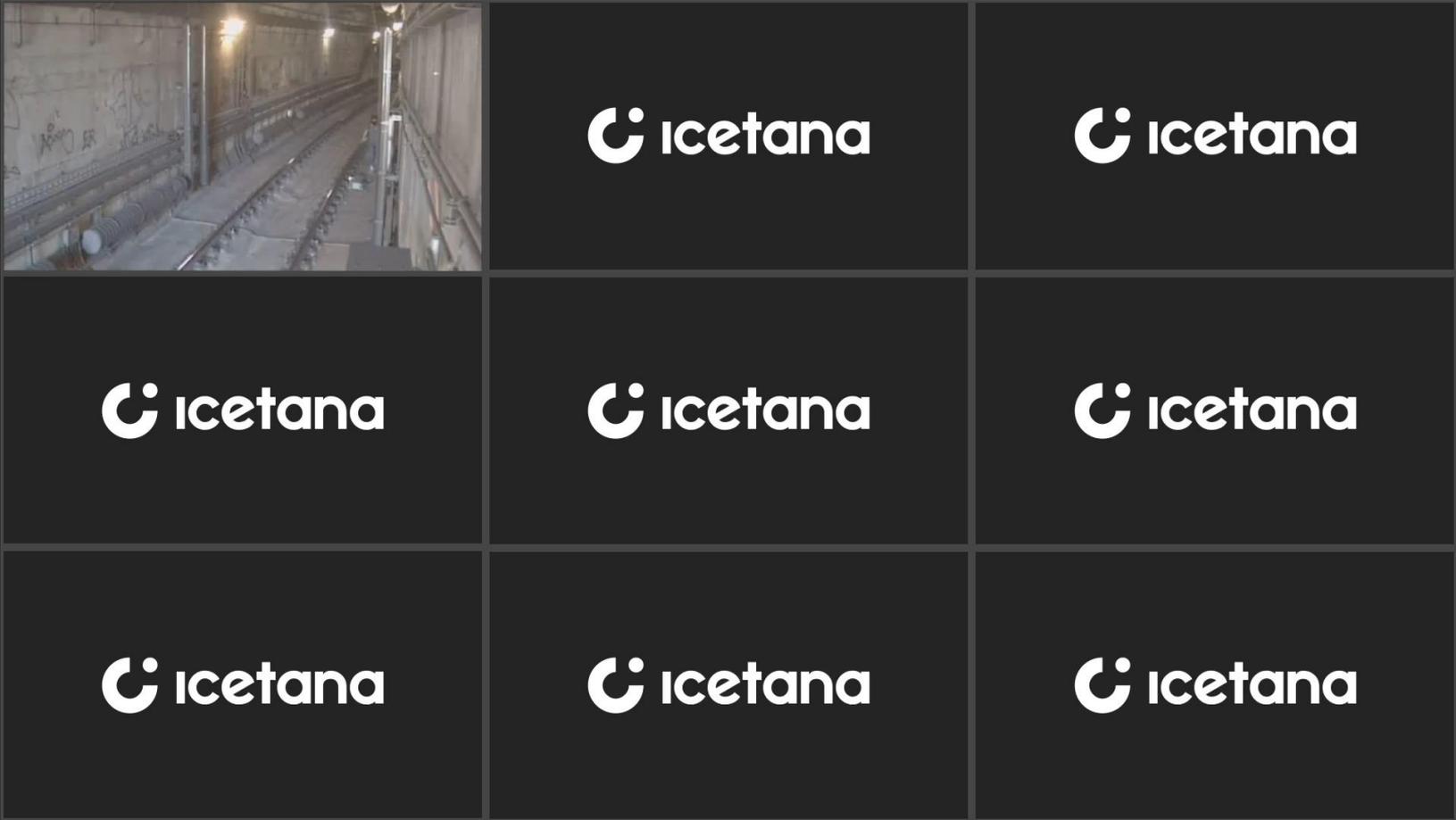
### Real-time

With just 1 per cent of footage detected as abnormal motion operators are able to react in real-time to events

# Normal behaviour from pixels



Displayed to a LiveWall like this...



# Surveillance challenges

- 98% of cameras are **only used for recording**, the opportunity to act in response is lost when viewing historical footage
- There are **too many cameras and not enough operators** or resources to continuously monitor and respond in real-time
- Existing video management systems which utilise object detection cannot process more than 15-20 objects and **cannot scale for busy scenes** / large networks
- Rules based systems are trained to **solve specific use cases** and are prone to errors
- **Huge surveillance infrastructure investments** are focused on security and safety, missed opportunity to utilise investment to also identify:
  - Health and safety issues
  - Manufacturing/production challenges



# Our competitive advantage

## LEGACY COMPETITION

### Non-motion security analytics solutions

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- Use case based
- Relies on historical footage
- High infrastructure / hardware costs
- Security and safety focus



### Motion based security analytics solution

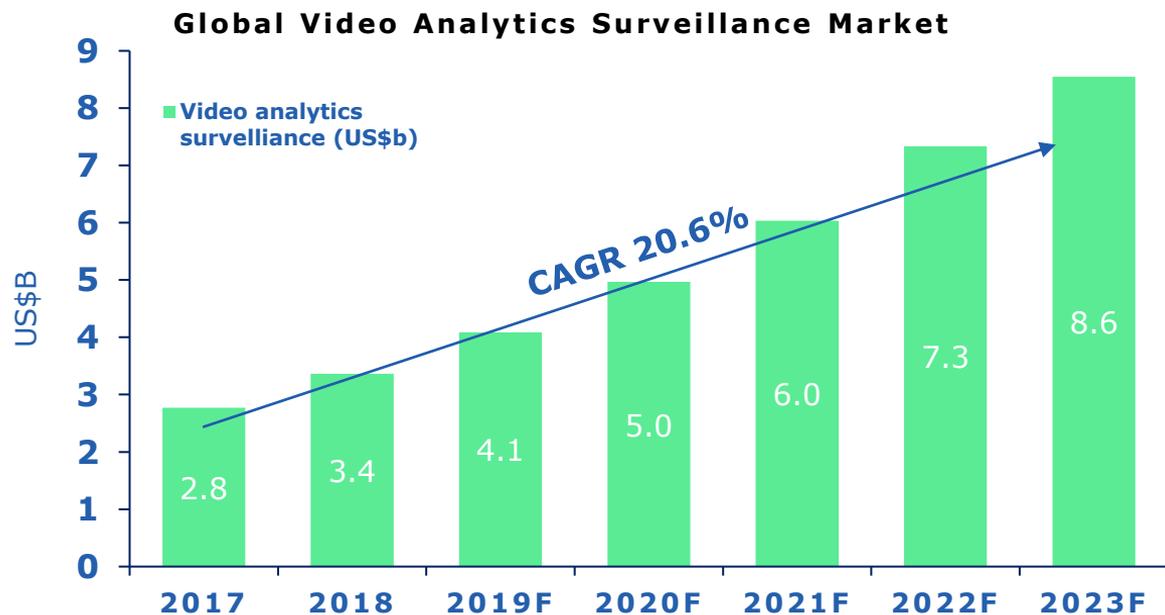
**Improved reliability:** identifies anomalous movement and captures ~80% of events that should trigger a response

**Lower price:** single server can be shared amongst hundreds of cameras – lower cost allows customers to enable features such as facial recognition on a greater percentage of cameras

**Higher scalability:** able to scale for busy scenes and large networks due to use of motion analytics (rather than object detection)

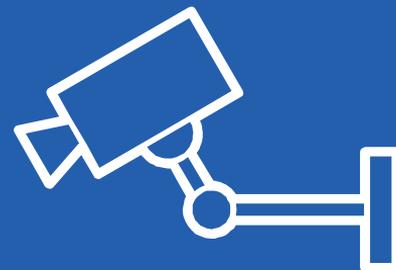
**Unique insight:** ability to extend investment through application in health and safety and manufacturing optimisation

# A fast growing market



**Source:**

- Research and Markets - [researchandmarkets.com/research/r3r3rg/global\\_video?w=4](https://www.researchandmarkets.com/research/r3r3rg/global_video?w=4).
- Markets and Markets - [marketsandmarkets.com/Market-Reports/intelligent-video-analytics-market-778.html](https://www.marketsandmarkets.com/Market-Reports/intelligent-video-analytics-market-778.html)



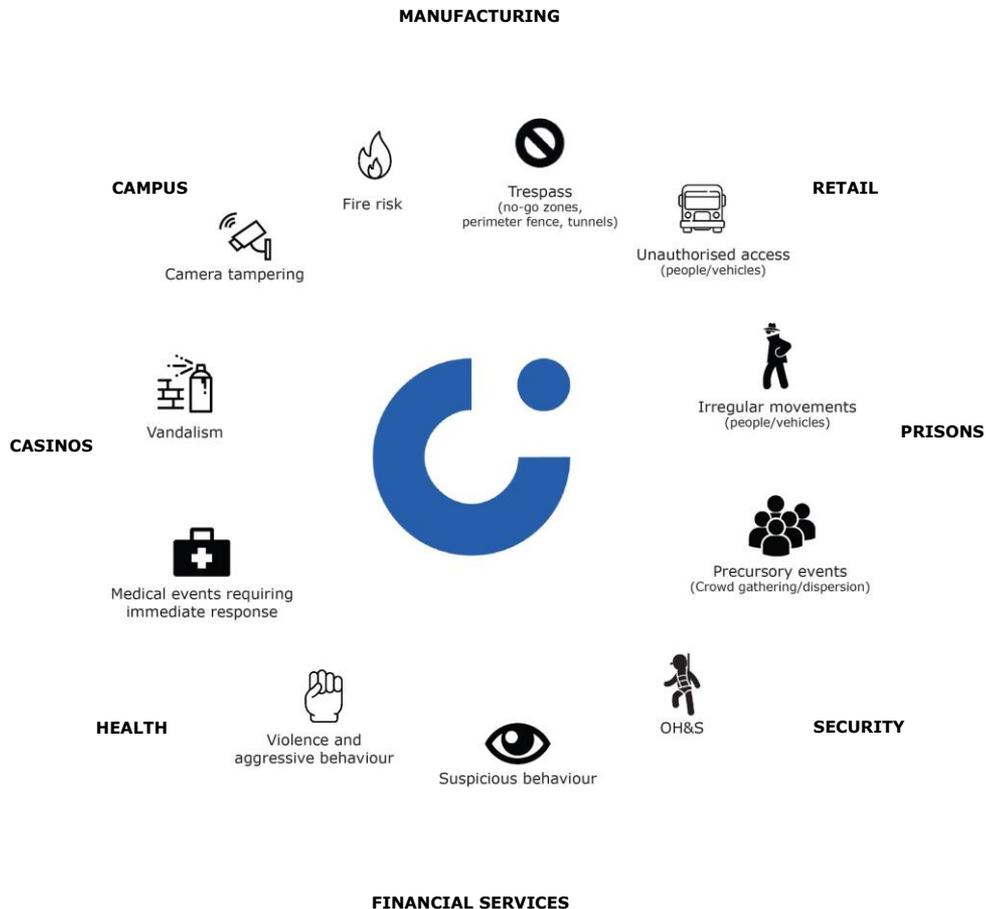
**Video analytics surveillance** spending is forecasted to reach **US\$8.6bn** (A\$12bn+) **by 2023** growing at compound annual growth rate (CAGR) of **20.6%**

# Strong customer base

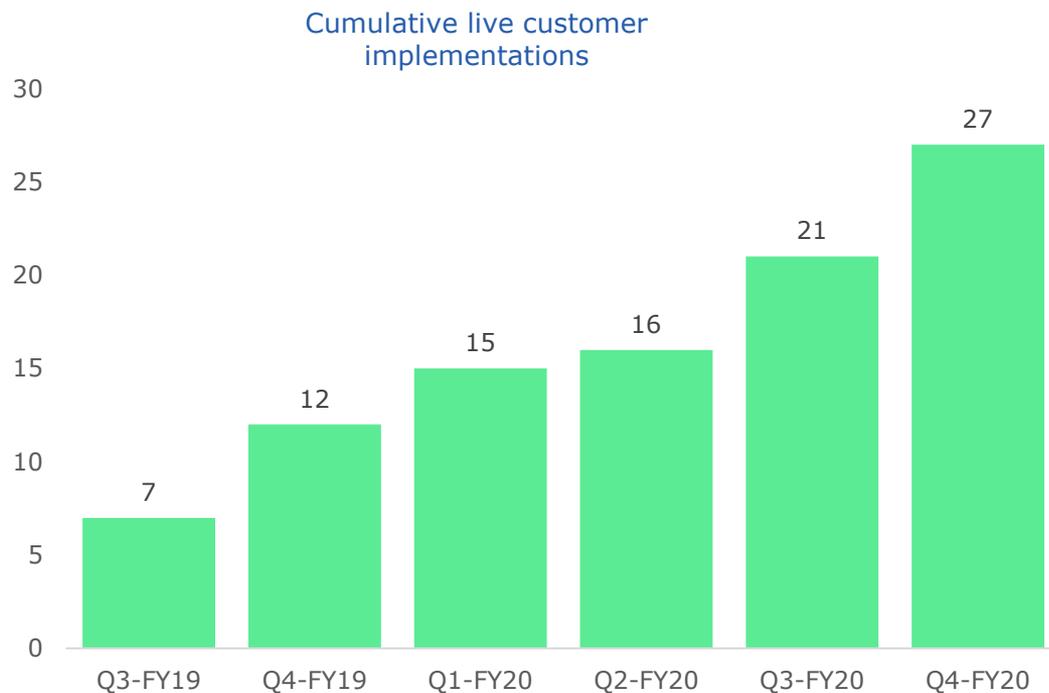
- **12,000+ cameras across 38 customer sites**
- **Strong existing presence** across **retail, education** (university campus) **and security verticals**, with focus on growing **additional verticals** including prisons, healthcare and financial services

Delivering **great outcomes** for clients including:

- Increased **speed of response** and reduced impact of threats
- **Real-time insights** from huge video data streams
- Improved **ROI** of security infrastructure
- **Mitigating the impact** of events (physical and reputational)



# Customer retention and growth



**Note:**

- Several customers have multiple sites as described in the previous slide.
- Live Customer implementations from the graph above are generally lower than “Active Customers” defined in the Prospectus dated 15 November to include “customers that have placed orders with, or paid for the Company’s product either: (a) on a recurring basis; or (b) through a non-SaaS direct licensing model including a recurring software maintenance agreement; or (c) paid for or ordered a paid trial within the past six months in anticipation of a larger rollout beyond the trial cameras under contract.”

## Retention rates are extremely high:

- icetana changes the way customers run their security operations making our offering very sticky
- Haven’t lost a customer in two years
- **User base is very engaged**
- icetana is used in daily activities with regular events being noticed only because of the icetana platform

# Customers and partners

**27** Total customers

**7**

Universities,  
colleges and  
schools

Selected industry vertical sectors

**10**

Retail  
customers

**4**

Commercial  
Buildings

**2**

Law Enforcement  
customers



# B2B distribution model

## ENTERPRISE SALES

Value Added Resellers



Value added reseller agreements with security solution integrators who are trusted security experts

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*Partners:* Chubb, Prosecur, Convergent, Stanley, Delco

## REMOTE MONITORING

Direct engagement



Direct engagement with remote monitoring services which centrally manage surveillance on behalf on their customers

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Chubb, Securitas, G4S,

## TECHNOLOGY VENDORS

Server and VMS



Referrals from leading video analytics and Video Management System companies. As well as integration with VMS technology vendors, creating increased customer stickiness

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HPE, Dell, Milestone, Genetec

## NEW R&D GPU and Camera systems



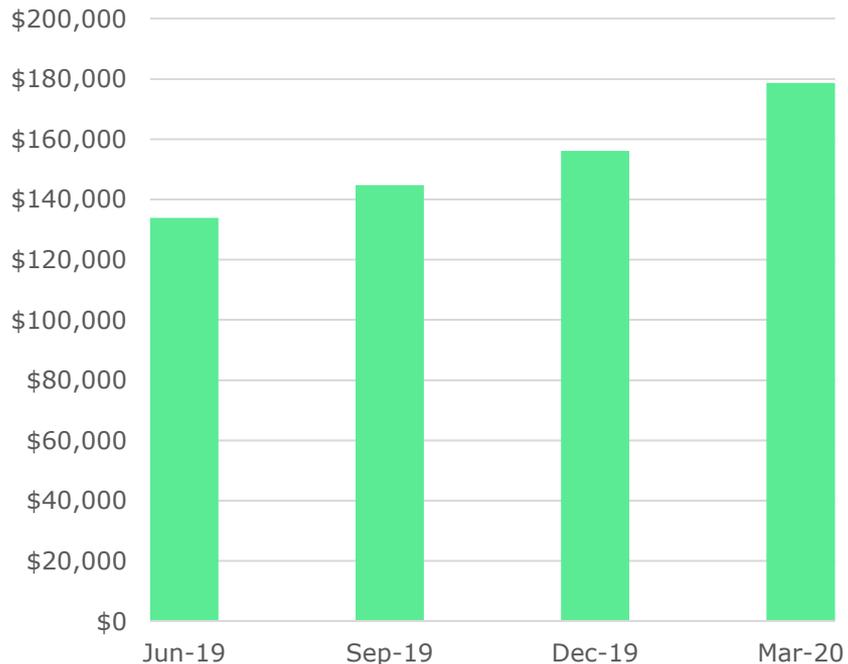
icetana works closely with GPU and camera system manufacturers, with the view of providing out of the box motion video analytics capability in the future

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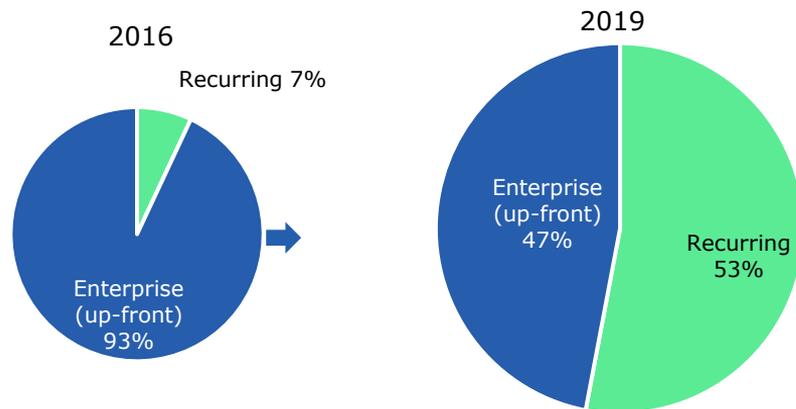
nVidia, Axis (Canon), Bosch

# Revenue profile

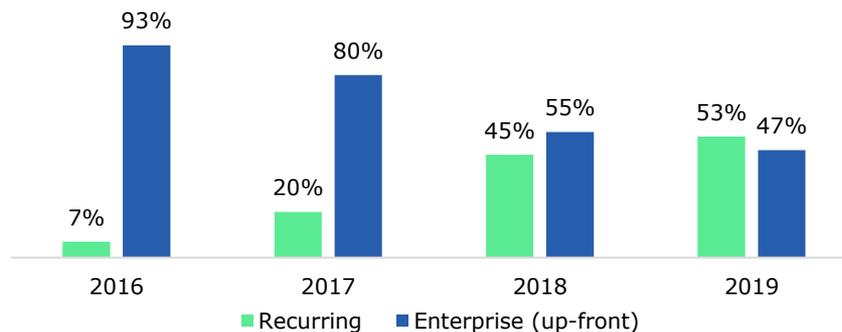
Recurring revenue per quarter  
(excludes enterprise revenue)



## SHIFT TO ARR (annual recurring revenue) MODEL



### SHIFT TO ARR



# Experienced board of directors



**Mark Potts**  
Chairman

- Highly respected enterprise software executive, with extensive experience with new technology platforms in Australia and the US
- Previous CTO and VP Corporate Strategy with HP Enterprise
- Director of Resolute Mining (ASX/LSE: RSG)



**Matt Macfarlane**  
Managing Director &  
Chief Executive Officer

- Founding CEO of iCetana, 9 years Venture Capital management, successful angel investor and entrepreneur
- Experienced technology and software development commercialisation leader



**Geoff Pritchard**  
Non-Executive Director

- Geoff is an experienced Chairman, Executive Director and Chief Executive
- Actively engaged in Governance, Strategy Consulting, Corporate Advisory, Venture Capital and Private Equity to the Superannuation, Family Office, Financial Services and Technology Sectors



**Justin Mannolini**  
Non-Executive Director

- Lawyer, director and former investment banker, focusing on mergers & acquisitions, equity capital markets transactions, and corporate governance advice to public, private and government entities

# Driven leadership



**Kevin Brown**  
Chief Operations Officer

- Led the tech team that drove VGW from \$300/day to \$1.4m/day
- Proven track record in software delivery that delights customers and empowers dramatic growth in revenues
- Ex Nearmaps and WABN



**Damon Watkins**  
Chief Revenue Officer

- Experienced enterprise software sales executive
- Track record in enterprise sales growth through direct and channel strategies



**Matt Macfarlane**  
Chief Executive Officer

- Founding CEO of iCetana  
9 years Venture Capital management, successful angel investor and entrepreneur
- Experienced technology and software development commercialisation leader



**Shane Cranswick**  
Chief Financial Officer

- Chartered Accountant and Company Secretary
- Over 20 years of experience including with listed ASX companies
- Ex Anderson and Apollo Group

# Corporate overview

## CAPITAL STRUCTURE

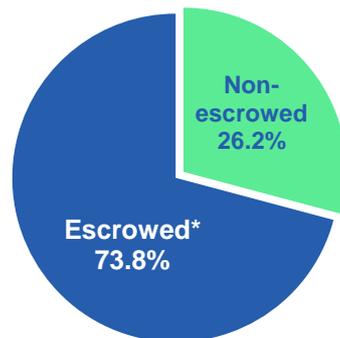
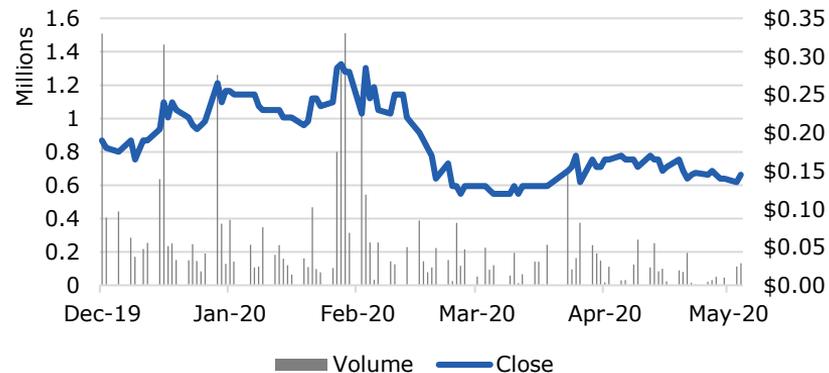
Share Price	A\$/share	\$0.145
Shares on Issue		137.0 m
Performance Rights		3.0 m
Options		37.7 m
ESIP		28.9 m
<b>Market Capitalisation</b>	<b>A\$</b>	<b>\$19.9 m</b>
Cash	A\$	\$2.83 m
Debt	A\$	Nil
Receivables	A\$	\$0.62 m

## SHAREHOLDERS

Go Capital Tech Fund 2 Pty Ltd	28.9%+
Yuuwa Capital LP	24.1%+
Curtin University	7.1%+
Skiptan Pty Ltd	10.5%+
Board and Management (excl Go Capital holding)	3.3%

\*escrowed shareholders

## SHARE PRICE PERFORMANCE



## CORPORATE SNAPSHOT

\*Includes both voluntary agreements entered into and ASX imposed restrictions



See what  
matters  
in real time.

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