



# AI surveillance analytics

Investor briefing

October 2022  
CEO – Matt Macfarlane  
ASX:ICE

# Regulatory and legal

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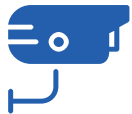
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# Over 1 billion surveillance cameras operate globally

growing at **160,000,000** per annum ...  
we are addressing a very large market

\*Source: Data compiled by IHS Markit. .  
<https://www.theverge.com/2019/12/9/21002515/surveillance-cameras-globally-us-china-amount-citizens>



**The vast majority of these cameras  
are just recording...**

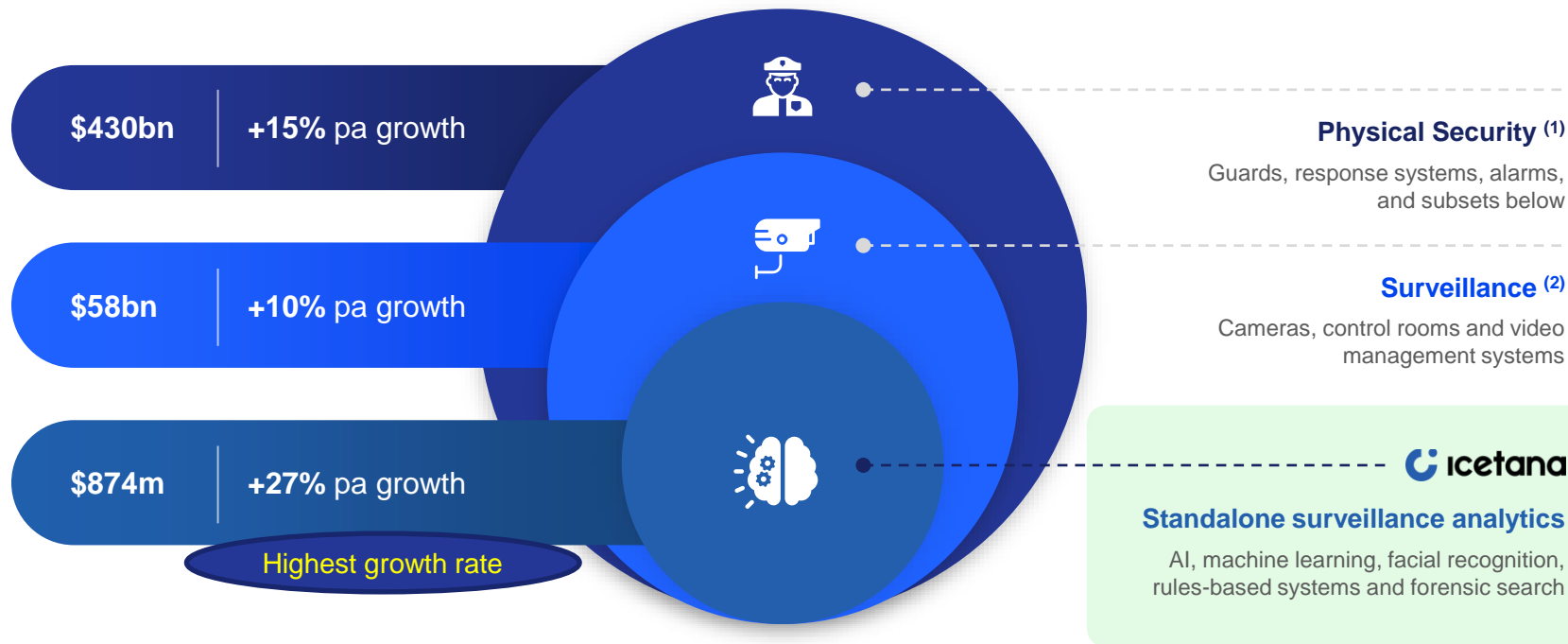
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**Critical events are missed because real time  
monitoring is too expensive...  
but ...  
computer vision AI is removing this  
constraint**



# Security is a high value and fast-growing industry...



\*Source:

(1) Data compiled by Grand View Research. <https://www.grandviewresearch.com/industry-analysis/public-safety-security-market>

(2) Data compiled by Markets and Markets <https://www.marketsandmarkets.com/Market-Reports/video-surveillance-market-645.html>

(3) Data compiled by OMDIA: <https://omdia.tech.informa.com/OM019230/Video-Surveillance--Analytics-Database-Report--2021-Data>



## Our competitors use rules

Match this face  
to my database

Let me know  
when this virtual  
tripwire is crossed

Tell me if someone  
walks "in" through  
the out-door



**icetana** uses AI to  
dramatically improve active  
surveillance operations

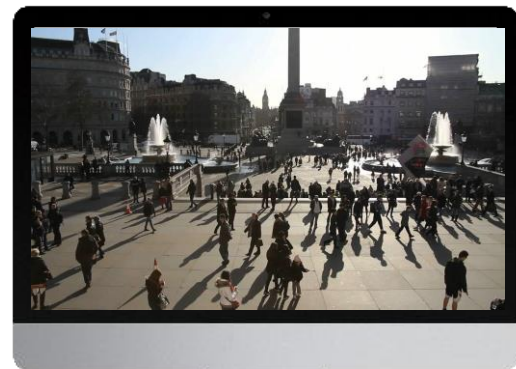


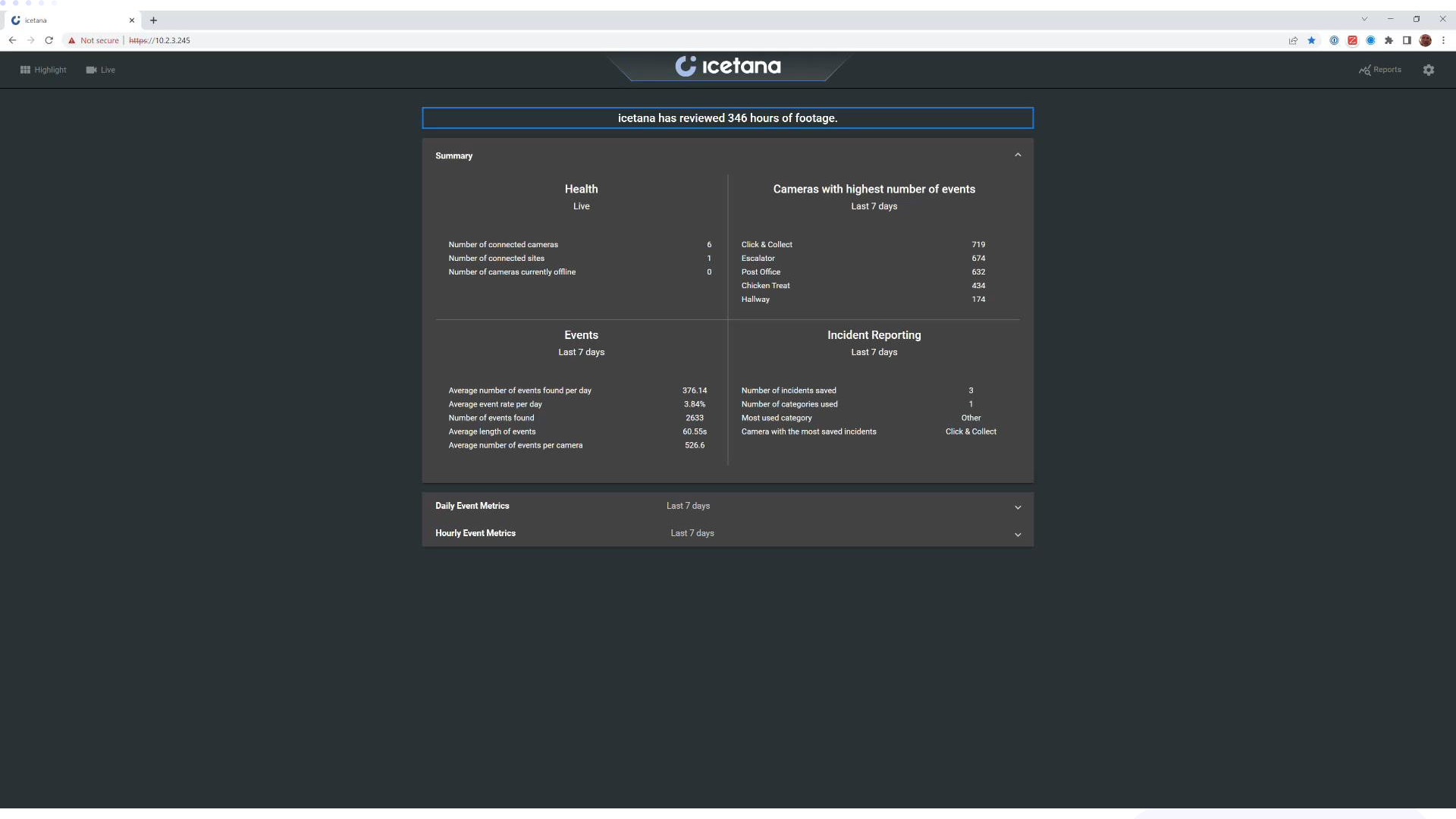
**Software self trains for  
'normal' movement**



Then reports **abnormal  
movement** in real-time  
– we call this  
"**motion intelligence**"

## We use motion intelligence





icetana has reviewed 346 hours of footage.

Summary

Health

Live

Number of connected cameras	6
Number of connected sites	1
Number of cameras currently offline	0

Cameras with highest number of events

Last 7 days

Click & Collect	719
Escalator	674
Post Office	632
Chicken Treat	434
Hallway	174

Events

Last 7 days

Average number of events found per day	376.14
Average event rate per day	3.84%
Number of events found	2633
Average length of events	60.55s
Average number of events per camera	526.6

Incident Reporting

Last 7 days

Number of incidents saved	3
Number of categories used	1
Most used category	Other
Camera with the most saved incidents	Click & Collect

Daily Event Metrics

Last 7 days

Hourly Event Metrics

Last 7 days



## icetana at a glance

**64**

Customer  
sites

**2.6  
million**

Hours of footage  
reviewed every week

2m in June 2020

**25+**

Active distributors  
and resellers  
globally

**15,660**

Active cameras  
under license

**14**

FTE Staff  
8 in software  
development  
roles

**40%pa**

Annual Recurring  
Revenue Growth\*  
(CAGR)

June 20 - June 22

**5**

continents

\*Unaudited June 2022 revenue based on management estimate

# icetana sectors, sites and regions

Customer  
sites

Vertical

Retail

Education

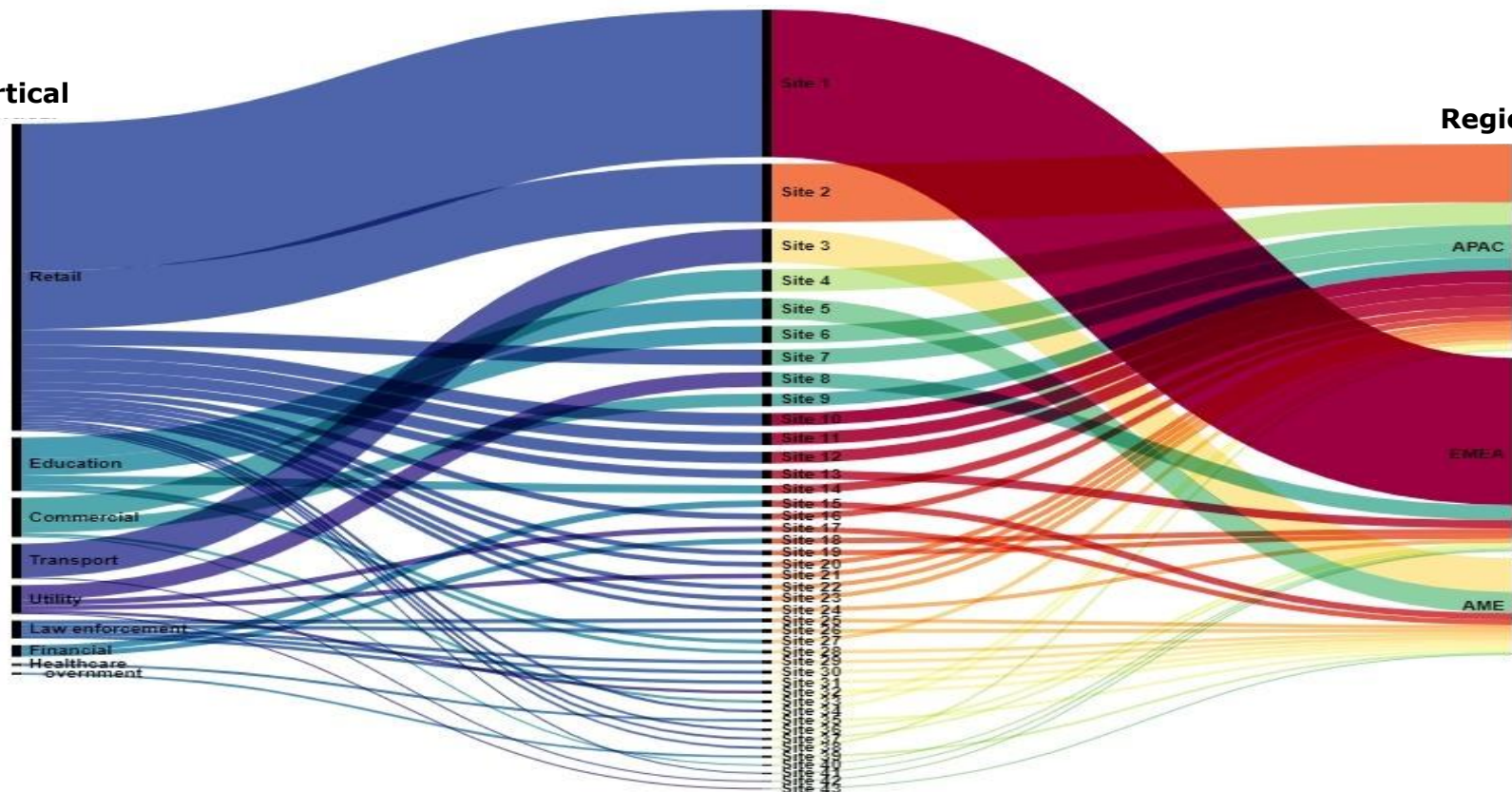
Commercial

Regions

APAC

EMEA

Americas



# Shopping mall site – a target sector



**200  
cameras**



**1 control  
room  
operator**



**5 duty  
guards**



**Security  
salaries:  
\$270,000**



## Events cost money



Unscheduled maintenance  
(two/month)

**\$1,000-\$8,000  
damage**



Aggressive behaviour  
(four/year)

**\$5,000-\$15,000  
damage and claims**



Escalator trip/fall  
(once/fortnight)

**\$0 - \$50,000  
injury claim**



Graffiti  
(once/month)

**\$500-\$2,000  
maintenance**

# Client savings...

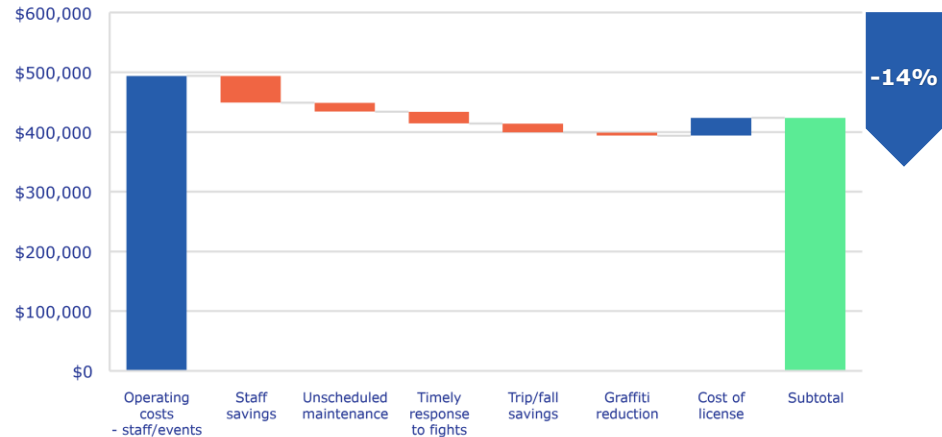
Operating cost reduction of 14% on a 200 camera shopping mall's security and critical event costs.  
icetana license provides 300%+ return on investment



**Savings (per annum)**  
from real-time and proactive response:

1	Reduce headcount by minimum one	\$45,000pa
2	Stop out of schedule maintenance	\$15,000pa
3	Faster response to aggressive behaviour	\$20,000pa
4	Record trip/fall on escalator for insurance claims (lower premium and excess)	\$15,000pa
5	Reduced graffiti on site: (lower maintenance/cleaning)	\$5,000pa
<b>TOTAL SAVINGS:</b>		<b>\$100,000pa</b>

## 200 camera mall savings



icetana contract value:  $200 \times \sim \$150\text{pa} = \$30,000\text{pa}$

# Product and commercial roadmap



## Commercial activities

- › Sign multiple next gen product deals
- › Increase licensed revenue/camera
- › Enhance case-study content
- › Grow direct sales activity
- › Expand reseller sales capabilities
- › Launch VMS integrated offering
- › Revised pricing for specific events
- › Launch referral program
- › Scale solution to large sites
- › Actively track conversion rates monthly
- › Automate upsell offerings



**During the Dec 22  
quarter**



**During the June 23  
financial year**



**After that...**



## Product activities

- › Scale to 250+ cameras
- › Add trip/fall detection
- › Provide rule-oriented object detection capabilities
- › Grow monthly SaaS cloud offering
- › Public API and VMS integrations
- › Reporting enhancements
- › Fight detection
- › Fire, smoke and spill detection
- › Support sites of 1,000+ cameras
- › Actively display customer value
- › Launch on camera integration
- › Driven by customer needs provide scalable feature solutions



Current focus

Expand features and integrations

Unlock new ways to the market



# Executive team



**Matt Macfarlane**

*Chief Executive Officer*

- ➡ Founding icetana CEO. Entrepreneur and investor.
- ➡ 9 years venture capital management experience.
- ➡ Successful technology and software development commercialisation leader.



**Kevin Brown**

*Chief Operating Officer*

- ➡ Led the tech team that drove VGW (gaming) from \$300/day to \$1.4m/day.
- ➡ Leading role in creating two of WA's three software unicorns (Nearmaps and VGW)
- ➡ Proven track record in software delivery, driving companies to scale and achieving dramatic revenue growth.



**Rafael Kimberley-Bowen**

*Chief Financial Officer*

- ➡ Experienced tech CFO with 15+ years leading finance functions
- ➡ Previously CFO at APE Mobile (acquired by Damstra) and M&A at Elmo Software (ASX: ELO)
- ➡ Qualified accountant with MBA and fellow of CIMA, 40under40.

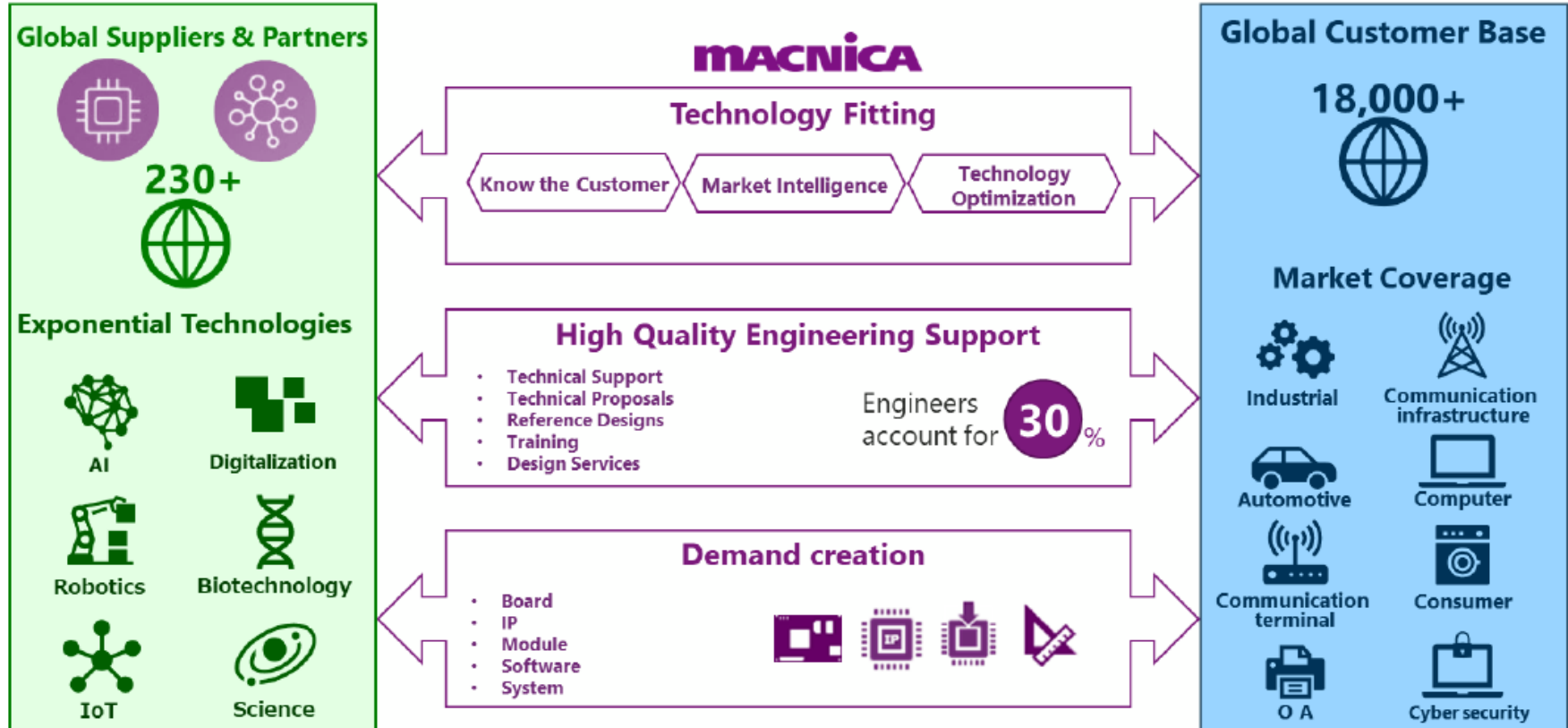
# New share placement \$772k

## Macnica At a Glance



# Macnica's global reach – 23 countries

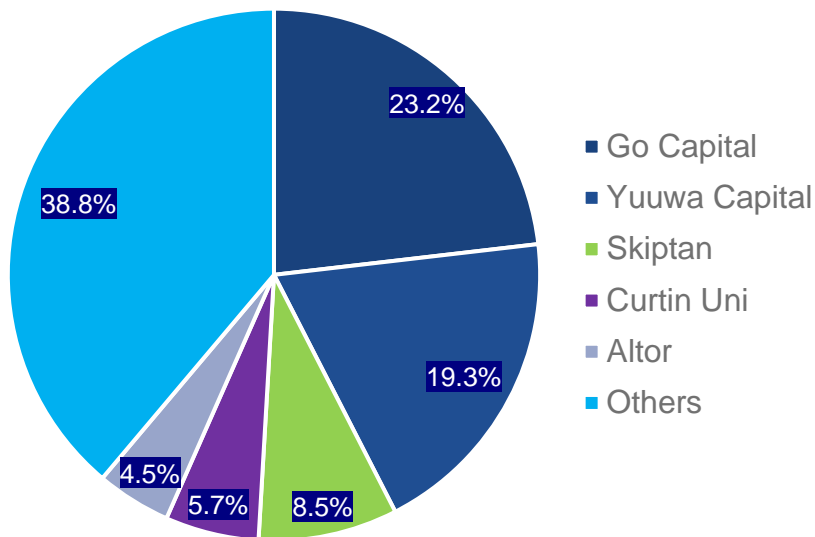
## Values & Strengths



# Shareholder changes last 12 months (for the better)



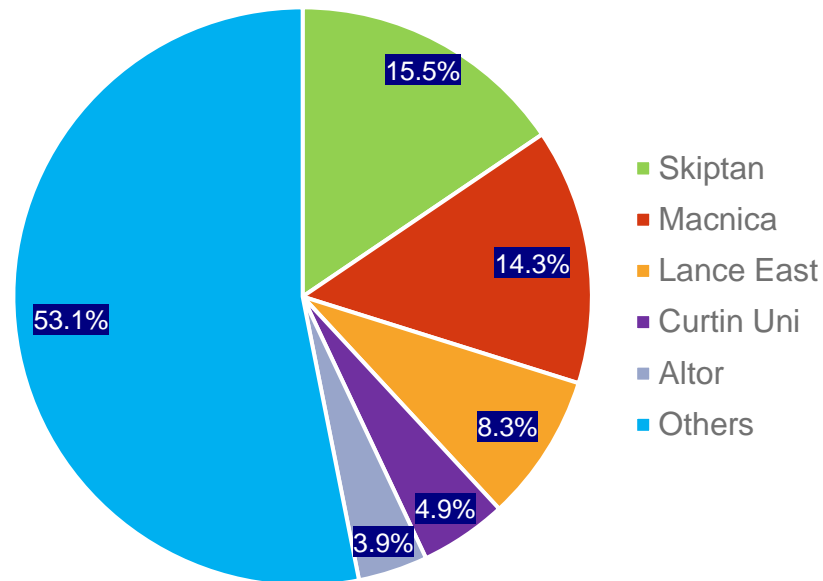
Oct 2021 Shareholder mix



**"End-of-life" venture funds represented over 42% of listed equity**



Oct 2022 Shareholder mix



**Family offices and our corporate investor now represent over 38% of listed equity**

# Corporate snapshot

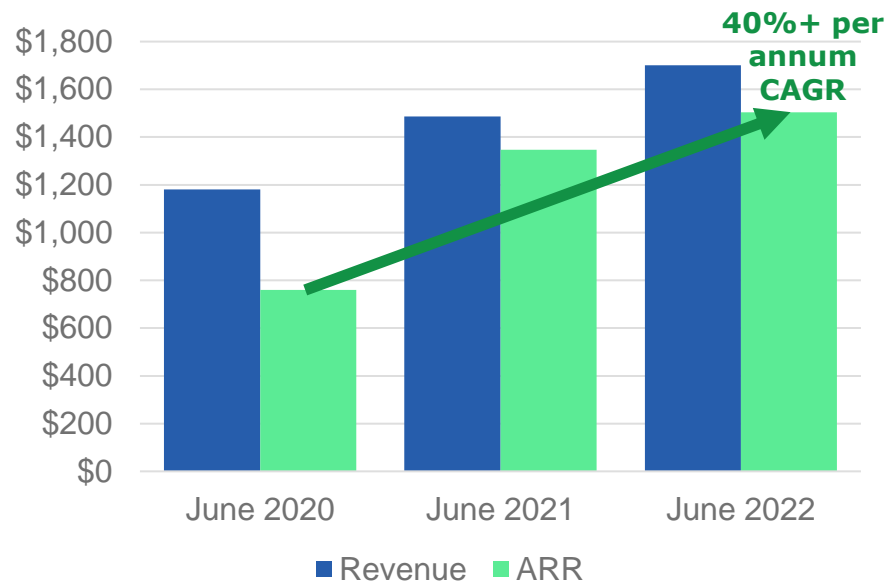
## Key statistics

ASX Code	<b>ICE</b>
FY22 Operating Revenue*	\$1.7m
Sept 22 ARR*	\$1.6m
Cash balance 17 Oct 22*	\$2.49m
Debt	Nil
Share price (21 Oct)	5.0c
Shares on issue (14 Oct)	199,328,417
Market Cap	<b>A\$10m</b>

\*Unaudited Management Accounts including Macnica capital raise



## Customer Revenue and ARR\* (AUD\$ '000s)



# Share price performance and volumes



6 month performance against the ASX All Technologies Index (XTX)





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