



# AI surveillance analytics

Investor briefing

April 2022  
CEO – Matt Macfarlane  
ASX:ICE

# Regulatory and legal

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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...**

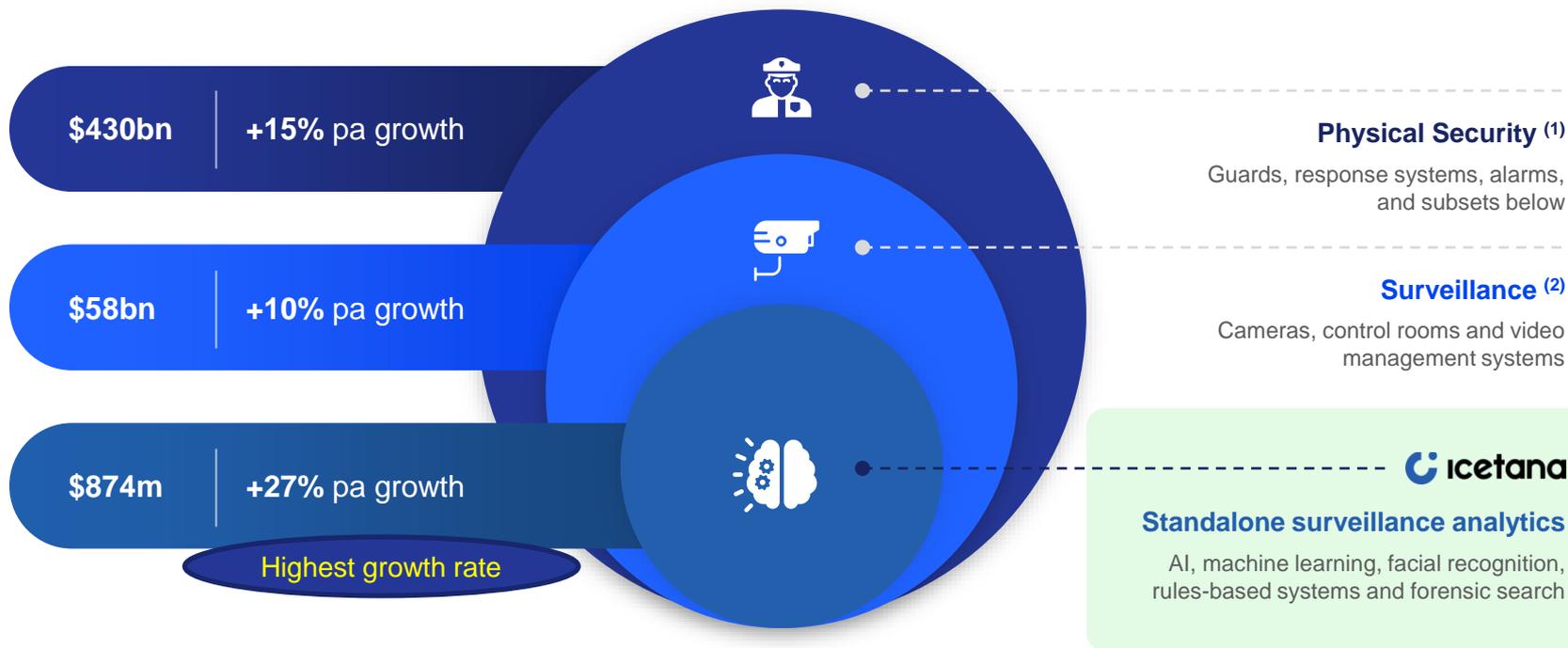
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**Critical events are missed because real time  
monitoring is too expensive...  
but ... computer vision AI is removing  
this constraint**



# 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>

# icetana at a glance

**48**

Customer sites

**2.5 million**

Hours of footage reviewed every week

2m in June 2020

**18**

Staff

**72%**

ARR growth  
Mar 21-Mar 22

**25+**

Active distributors and resellers globally

**14,780**

Active cameras under license

Another 565 awaiting installation

**5**

continents



## 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



# Customer payback moving to ROI terms



Trespass, Crowds,  
Loitering



Violence, Emergency  
response, Vandalism



OH&S,  
Fire/smoke



Camera tampering,  
Unauthorized access



For Guarding  
Services customers



Security operators move from 30 cameras  
to 250 cameras with icetana

**icetana finds unpredictable events – competitors look for specific events.**

A single risk event detected in real-time can support an entire year of icetana licensing.

Our clients have told us they are saving money on guards and on events when they install icetana into their monitoring operations

# icetana is moving to a larger addressable market...



Few large sites

- › **100-20,000 cameras**
- › Central monitoring control rooms. Large guarding companies
- › Smart city surveillance, public transport, campuses, shopping malls, prisons, large corporates, casinos



Many medium sites

- › **10-100 cameras**
- › Recorded footage, alarm monitoring. local guarding businesses
- › Industrial sites, distributed retail sites, office buildings, schools



Millions of small sites

- › **1-10 cameras**
- › Residential users, cloud storage, mobile alerts. Police response only
- › On-camera analytics

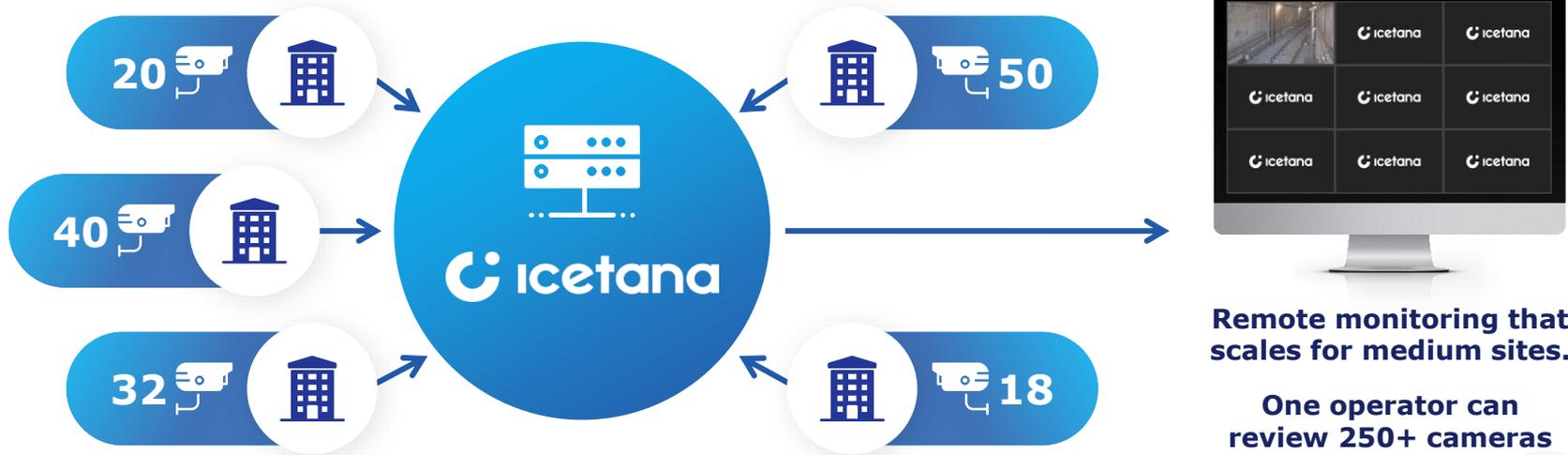
 **icetana** Current focus

Next stage of growth via guarding aggregation

Future licensing opportunity

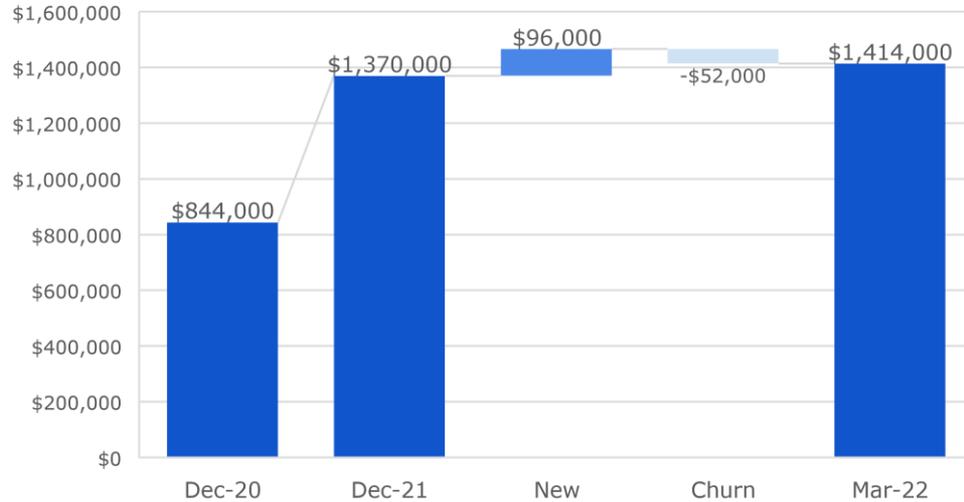
# icetana is supporting hub-and-spoke monitoring...

Buildings, warehouses, small retail facilities and others who could not justify live monitoring can take advantage of AI driven remote monitoring



# Financials... our key measure is annual recurring revenue

ARR (AUD\$)



Churn was higher than usual with the loss of a customer due to a change in their guarding services contract.

Growth in ARR is expected to improve through the calendar year as icetana's enhanced product offering is released to the market

# Our product vision

icetana is:



**Empowering the team  
behind the camera**

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**To protect the people in  
front of the camera**

**Our new product release  
currently supports:**

- Easy set-up
- Cloud deployment
- Object based filtering (people, cars)
- Variable motion intelligence settings
- Browser based interface
- Hub-and-spoke site aggregation

# Product and commercial roadmap



## Commercial activities

- › First credit card subscriptions accepted
- › Increase camera count on new product
- › Provide low-touch support features
- › Create case-study content
- › 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 June 22  
quarter



During the Dec 22  
half year



After that...



## Product activities

- › AWS Cloud deployable
- › Integrated reporting in the product
- › Support sites with 20-250 cameras
- › Aggregate LiveWalls for distant sites
- › Add object detection capabilities
- › Monthly SaaS offering
- › Public API and VMS integrations
- › Reporting enhancements
- › Fight detection
- › Trip and fall detection
- › Fire, smoke and spill detection
- › Support sites of 1,000+ cameras
- › Actively display customer value
- › Launch 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.

# Client case study– shopping mall site



## 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



**200**  
cameras



**1** control  
room  
operator



**5** duty  
guards



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

# Client case study

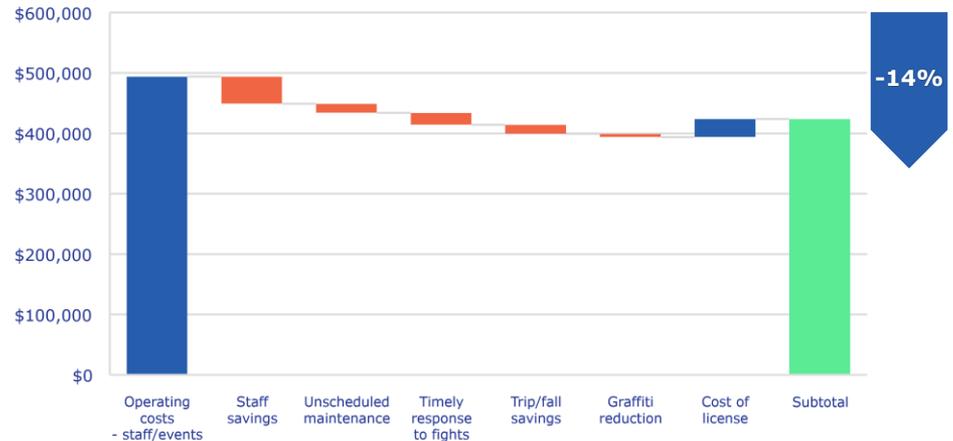
Operating cost reduction of 14% on a 200 camera shopping mall's security and critical event costs. icetana license provides 300%+ return on investment



**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:  $200 \times \$150\text{pa} = \$30,000$



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