a i media

# RESULTS PRESENTATION

27 February 2023 Ai-Media Technologies Limited (ASX: AIM)

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Ai-Media is well positioned to benefit from the fast-emerging improvements in AI

Ai-Media is deploying the latest Al to make quality automatic live captioning and translation a reality with its global scalable and secure iCap cloud platform



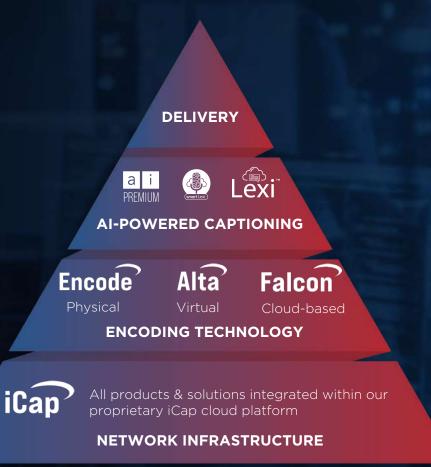
**Tony Abrahams**Chief Executive Officer



John Bird
Chief Financial Officer



# TURNKEY SOLUTIONS POWERED BY AI-DRIVEN ENCODERS AND THE ICAP CLOUD PLATFORM



• Captions are delivered to any screen, on any platform, in any language

#### Ai Premium

- Human
- 99.9% accuracy
- Services margin

#### Smart Lexi

- Hybrid
- Human custom dictionaries
- 98.5% accuracy
- SaaS margin

#### Lexi

- Automated
- Algorithm custom dictionaries
- 98.0% accuracy
- SaaS margin

 Ai-Media iCap Encoders and iCap Cloud are needed to get the most out of ASR



# MONETISING INFRASTRUCTURE AND SOLUTIONS



iCap

### iCap Cloud Platform

99.9 uptime, Encrypted

**ENCODING TECHNOLOGY** 

Encode Alta Falcon

Physical, virtual, and cloud-based solutions

AI-POWERED CAPTIONING





Lexi

Human, hybrid, and automated solutions



Captions delivered to any screen, on any platform, in any language

Al Technology Inputs

**Video Input** 

**Real Time Captions** 

**Captioned Video Output** 





# H1 FY23 HIGHLIGHTS

\$29.7M

**Total Revenue** 

+\$0.1m on \$29.6m in H1 FY22 +105%

LEXI<sup>1</sup> Minutes

15.9m minutes, up from 7.7m minutes in H1 FY22

38%

Technology Sales<sup>2</sup> Portion of Total Revenue

Up from 28% in H1 FY22

\$14.6M

**Cash Balance** 

\$0.6m operating cashflow

+13%

**Gross Profit** 

\$17.7m compared to \$15.7m in H1 FY22 +120%

**LEXI Revenue** 

Growing customer value

60%

**Gross Margin** 

Up from 53% in H1 FY22

+\$1.4M

**EBITDA** 

+\$1.4m compared to breakeven in H1 FY22

- 1. Includes the whole LEXI product suite
- 2. Includes sales from Devices and SaaS & Support



# **KEY GLOBAL SALES WINS**

Well positioned as the leading captioning, transcription & translation solutions provider with a sticky and growing customer base, solving a broad spectrum of customer needs









































Existing iCap Customers transitioned to LEXI

New Premium Services Customers

New iCap Customers using LEXI

New Partnerships

Key regions: APAC

RoW

\*Renewal

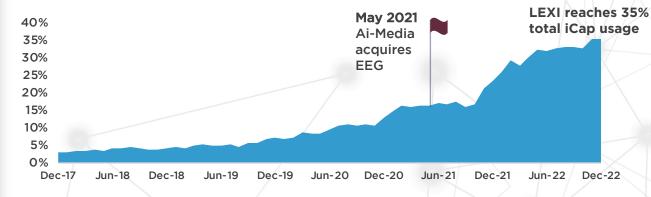


### **ICAP GROWTH = LEXI GROWTH**

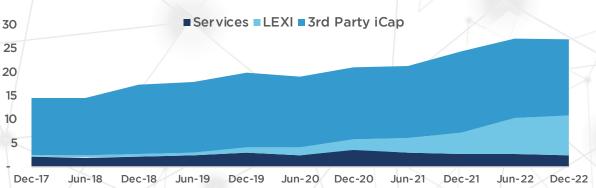
# The global growth in iCap cloud platform minutes drives even faster growth in LEXI minutes

- LEXI now used on >35% of total iCap cloud platform minutes volume
- iCap cloud platform minutes volume grew by 15% on the prior comparative period (pcp) of H1 FY22
- LEXI minutes volume grew by 105% on the pcp
- LEXI revenue grew by 120% on the pcp
- The transition to SaaS revenue is accelerating and the iCap cloud platform is growing
- LEXI volume growth 7x the growth in iCap cloud platform, offsetting reductions in legacy service business

#### LEXI minutes as % of iCap cloud platform

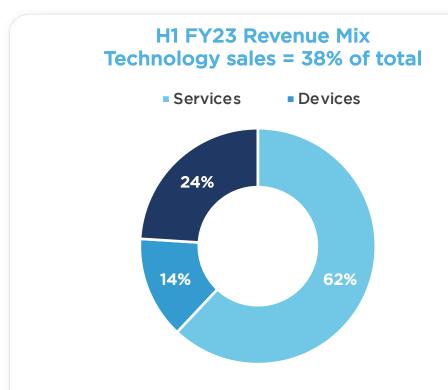


#### iCap cloud platform growth (minutes in millions per quarter)



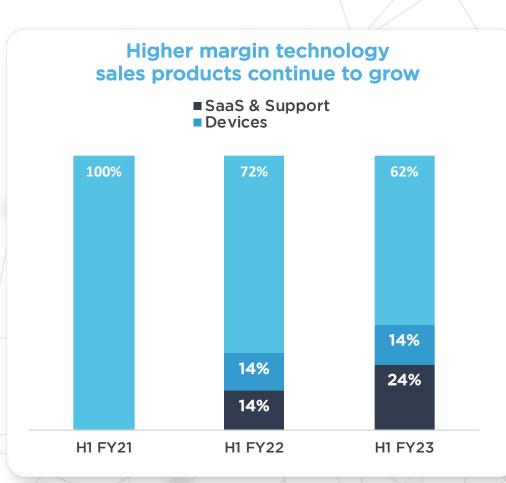


# **SAAS GROWTH CONTINUES**



#### H1 FY23 Gross margins:

- Services >40%
- Technology sales (Devices and SaaS & Support) >80%



AI-MEDIA WINS
'CREATIVE TECH'
CATEGORY AT THE
NOVEMBER 2022
INNOVATIONAUS
AWARDS



# AI-MEDIA WINS APAC INSIDER AWARD

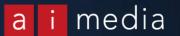


### Winner!



Best Captioning & Translation Solutions Provider 2023 - Australia AI-MEDIA WINS
2023
'APAC INSIDER'
AWARD FOR BEST
CAPTIONING &
TRANSLATION
PROVIDER





# MACROECONOMIC CONDITIONS FAVOUR A VALUE-DRIVEN APPROACH

As macro conditions put pressure on customer budgets, Ai-Media's leading AI technology products offer customers solutions that satisfy regulatory and commercial needs at a better price point and scale than legacy human captioning solutions

Using artificial intelligence to drastically lower mandated costs for customers

Lexi



Enabling customers to get more out of their data

Lexi & SubSilo



Technology that delivers compliance, saves money & never compromises quality

Smart Lexi, Premium & Encoders



Lexi & iCap volume growth

Continued uplift in gross margin

Overall growth of SaaS business

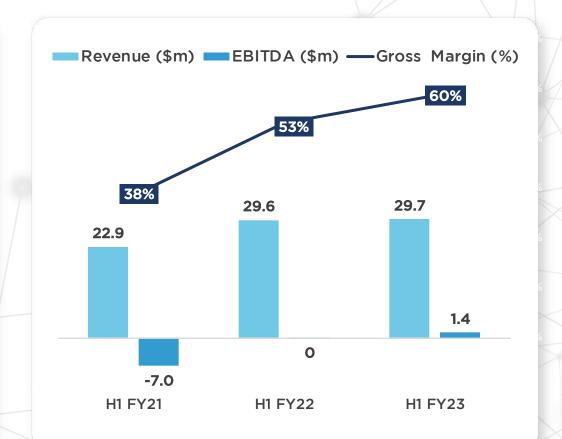
Increased penetration of Devices



# GROSS MARGIN AND EBITDA SOAR AS PART OF STRATEGIC TRANSFORMATION

#### **Comments**

- H1 FY23 revenue flat on the pcp
  - Flat revenue is a mix of growth in technology sales and a decline in services revenue
  - Strong EBITDA of \$1.4 million in H1 FY23, driven by increased gross margin
- Gross margin **increased to 60%** in H1 FY23, up from 53% in H1 FY22, and 38% in H1 FY21
  - 38% of revenue is now technology sales
  - Improvement in profitability of existing legacy services business



# H1 FY23 PROFIT & LOSS

#### **REVENUE**

- Revenue growth is driven by technology sales while services revenue continued to decline
- Quality of revenue is improving with product mix moving from premium services to SaaS

#### **GROSS MARGIN**

• Strong gross margin of 60% in H1 FY23 compared to 53% on the pcp

#### **OPEX**

- Operating expenses increased due to increase in payroll and general IT expenses in-line with CPI
- Sales and marketing expenses increased in line with expectations

#### **EBITDA**

 Positive \$1.4 million EBITDA in H1 FY23 compared to breakeven EBITDA in H1 FY22

	H1 FY23	H1 FY22	Var	Var
	\$m	\$m	\$m	%
Total Revenue	29.7	29.6	0.1	0%
Cost of sales	(12.0)	(13.9)	1.9	<b>(14%)</b>
Gross Profit	17.7	15. <i>7</i>	2.0	<b>13%</b>
Gross Margin %	60%	53%		<b>1</b> 7%
Other income	0.5	- 1 -)	0.5	-
Operating expenses	(16.8)	(15.7)	(1.1)	7%
EBITDA	1.4	(0.0)	1.4	<b>1</b> 100%
Depreciation and amortisation	(2.4)	(2.2)	(0.2)	(8%)
EBIT	(1.1)	(2.3)	1.2	<b>1</b> 54%
Net interest expense	(0.4)	(0.7)	0.3	46%
Profit/(loss) before tax	(1.4)	(2.9)	1.5	<b>1</b> 52%
Income tax benefit	0.3	0.6	(0.3)	(46%)
Net profit/(loss) after tax	(1.1)	(2.4)	1.3	<b>1</b> 53%



### **FY23 BALANCE SHEET**

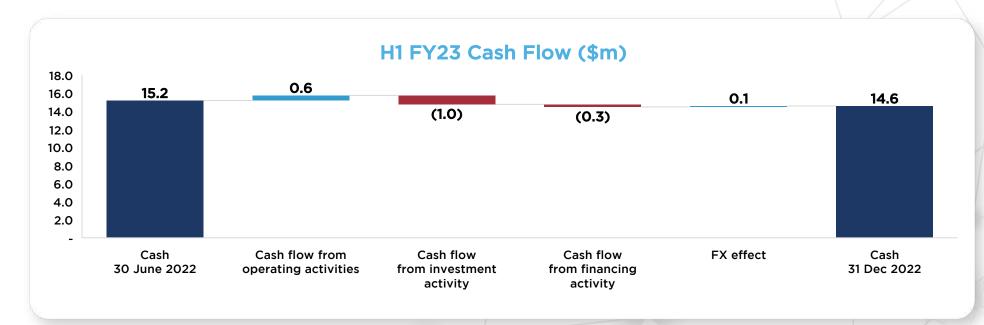
#### Comments

- \$14.6 million in cash
  - Strong capacity to fund future growth opportunities
  - +\$0.6 million operating cashflow in H1 FY23
- Intangibles includes goodwill of \$43.9 million and other intangibles associated with the purchase of businesses
- Other current liabilities includes:
  - \$4.6 million accrued expenses (\$4.4 million as at June 2022)
  - o \$3.0 million deferred SaaS revenue
  - \$6.9 million deferred consideration for EEG repayable in FY24 (non-current liability June 2022) and provisions of \$2.7 million

31-Dec-22	30-Jun-22	Var
\$'m	\$′m	\$m
14.6	15.2	(0.6)
9.6	11.2	(1.7)
3.1	3.5	(0.5)
27.2	30.0	(2.8)
4.5	4.8	(0.3)
59.8	60.3	(0.6)
8.6	7.5	1.1
72.9	72.7	0.2
100.1	102.6	(2.5)
0.5	1.8	(1.3)
0.2	0.3	(0.1)
17.7	11.5	6.2
18.3	13.5	4.8
0.2	0.3	(0.1)
2.9	9.8	(6.9)
3.2	10.2	(7.0)
21.5	23.7	(2.2)
78.6	79.0	(0.3)
78.6	79.0	(0.3)
	\$'m 14.6 9.6 3.1 27.2 4.5 59.8 8.6 72.9 100.1 0.5 0.2 17.7 18.3 0.2 2.9 3.2 21.5	\$'m \$'m  14.6 15.2  9.6 11.2  3.1 3.5  27.2 30.0  4.5 4.8  59.8 60.3  8.6 7.5  72.9 72.7  100.1 102.6  0.5 1.8  0.2 0.3  17.7 11.5  18.3 13.5  0.2 0.3  2.9 9.8  3.2 10.2  21.5 23.7



### H1 FY23 CASH FLOW



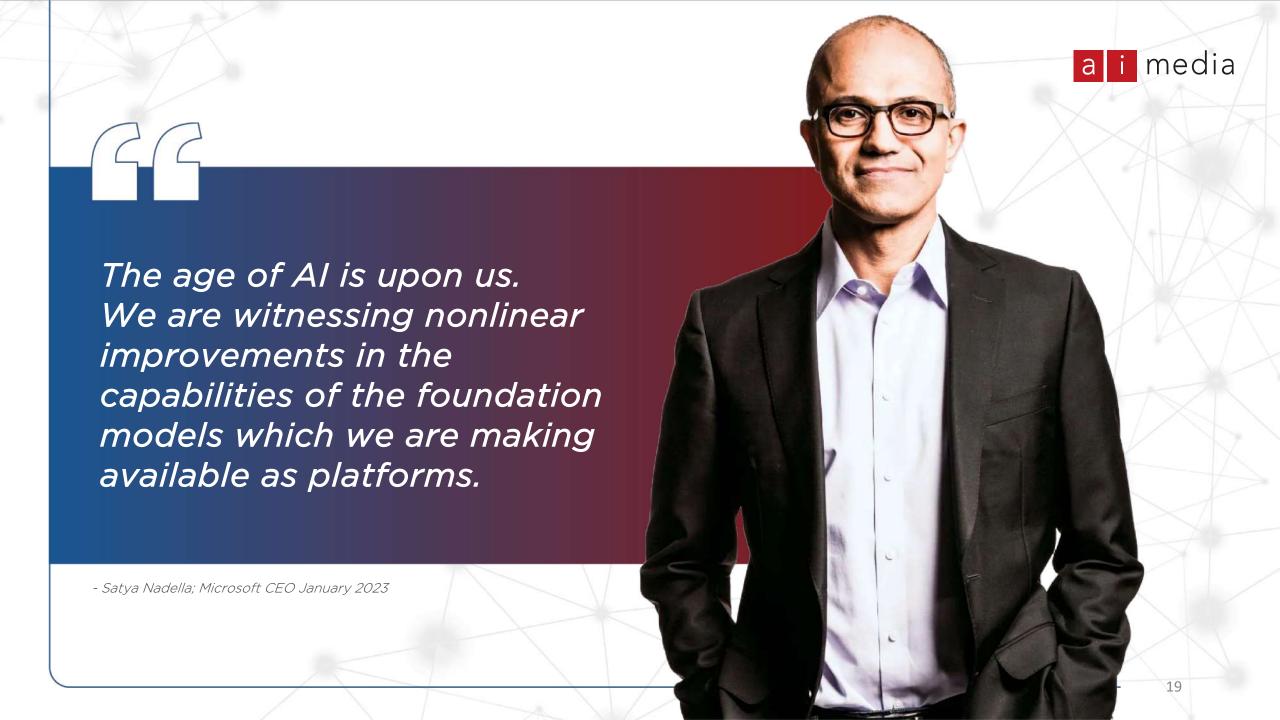
\*Net cash from operating activities (inclusive of GST) includes interest income, other revenue and finance costs
\*\* Net cash from investing activity includes \$0.4m remaining payment for ACS acquisition

Comments

Positive operating cash flow since H1 FY22

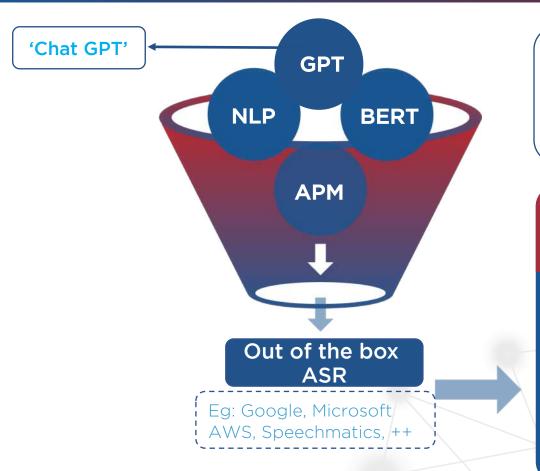
Cash outflows from investment activities included final payment for acquisition of ACS







# AI ADVANCES CONTINUE TO IMPROVE LEXI AND ICAP VALUE



- GPT = Generative Pre-trained Transformative
- BERT = Bidirectional Encoder Representation from Transformers
- NLP = Natural Language Processing
- APM = Acoustic and Pronunciation Modelling

# Cap iCap Cloud Platform 99.9 uptime, Encrypted

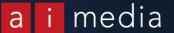
AGNOSTIC AICOMPATIBLE
ENCODING TECHNOLOGY

Encode Alta Falcon

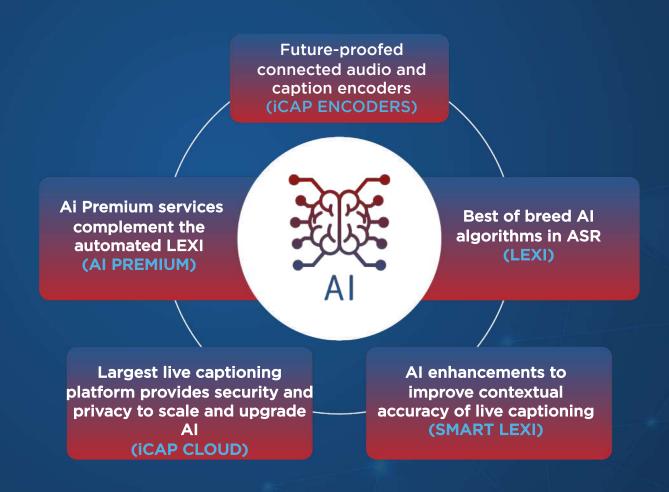
AI-POWERED CAPTIONS







# AI-MEDIA'S COMPETITIVE MOAT IS STRENGTHENED BY ADVANCES IN AI



- Ai-Media's competitive moat begins with iCap Encoders which enable the captioning turnkey solution
- Devices connected to iCap cloud platform for security, reliability and future-proofing
- Improvements in GPT and related AI models powering ever better accuracy of LEXI
- Additional proprietary AI layer added with Smart Lexi
- Al Premium (live curated by humans) available for specific use cases



# NONLINEAR IMPROVEMENTS IN AI WILL POWER FUTURE GROWTH

# AI-MEDIA IS WELL POSITIONED TO BENEFIT FROM THE FAST-EMERGING IMPROVEMENTS IN AI

- Ai-Media's product suite benefits directly from global improvements in AI at all stages of the workflow
- Our AI enhancements; data scraping, topic modelling and vocabulary learning system continue to complement LEXI as best in class AI-driven captions
- Opportunity to acquire new technologies and/or companies that add further value to existing product suite

# AI INFLECTION ENABLES AI-MEDIA TO IDENTIFY NEW INDEX CUSTOMERS AND DIVERSIFY BASE

- Able to diversify index customers based on Al, lowering cost and barrier to entry
- Growing customer awareness and familiarity of the transformational power of Al to transcribe live speech and the continuing benefits of access to that transcript which will help drive search and discoverability
- Al advances continue to reduce cost of automation which removes cost justifications for in action

### **KEY TAKEAWAYS**

#### SaaS transformation continuing

- Flat revenue growth continued in H1 as legacy customers increased adoption of cheaper SaaS products
- Improving margins
- Improving EBITDA

# Strong cash position to execute growth strategy

Positive operating cash flow to continue

#### Multi-year growth strategy

- Al's moment has pierced the public consciousness and is opening minds of our target customers as to what is possible
- Further AI investments and customer awareness drive improved product quality and further uptake

# iCap cloud platform growth increases LEXI minutes

- LEXI can only be provided across the iCap cloud platform
- LEXI is the only automated live service delivered across iCap due to its superior security and flexibility

# Continue building momentum in live sports

- Recent customer wins such as MLB, MLS, NCAA, CBS Sports has shown strong product market fit in sports broadcast market
- Headroom to grow this opportunity further

# Business model powered by competitive advantage

- Best LEXI delivered across the most flexible and secure private network (iCap) powered by great devices
- Premium captioning and transcription completes the offering



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# THANK YOU

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# AI IMPROVEMENTS ACROSS GPT, BERT, NLP & APM POWERING IMPROVED LEXI ACCURACY

Four key AI-based techniques have seen transformational improvements in recent years that have massively improved the performance of ASR (out-of-the box) solutions + LEXI improves further on the accuracy of ASR with Ai-Media's proprietary LEXI IP

#### Generative Pre-Trained Transformative (GPT)

- Language modelling in ASR is improved by the GPT database on text transcripts
- GPT improves fine-tuning on specific domains, similar to AIM's approach on improving contextual accuracy with Smart LEXI
- GPT can generate synthetic speech data which helps improve accent and language accuracy

#### Bidirectional Encoder Representations from Transformers (BERT)

- BERT has language modelling that (similar to GPT) improve the text transcripts of audio
- BERT has focused on acoustic features such as tone to improve ASR
- BERT improves fine-tuning on specific domains in a manner analogous to how it is performed by GPT
- BERT developed an error correction mechanism to further improve transcript accuracy

#### Natural Language Processing (NLP)

- Pre-training techniques like GPT and BERT vastly improve natural language modelling outputs from ASR
- Attention focus on most important components of the encoded audio
- NLP has benefited from multimodal learning across speech and text to improve generative output
- Unsupervised AI-based learning is a breakthrough allowing improvements in ASR to be generated without data labelling

# Acoustic and Pronunciation Modelling (APM)

- Deep Neural Networks help map spectrograms to phonemes & words
- Recurrent Neural Networks
   (RNNs) help predict next likely
   words and sentences
- Connectionist Temporal Classification improves on RNNs with a probabilistic assessment
- Convolutional Neural Networks add data from tone & other acoustic information
- Hidden Markov Models combine hidden & observed variables to better model speech data
- Grapheme to Phoneme Conversion models text into phonemes and then words