



# **Total Brain Limited**

# Capital raised to fund growth path

Total Brain (ASX:TTB) is an early stage company which has developed a brain performance management platform powered by the largest standardized neuroscientific database in the world formed over almost two decades and with \$50m of R&D funding. The company announced on March 18 it would raise up to \$6.9m after placing \$3.7m with investors at \$0.028/share, reaching agreement to place another \$1.3m at \$0.028/share, subject to shareholder approval, and a 1 for 8 non-renounceable entitlement offer. The raise will fund the company's growth path, including sales and marketing and software and product development. It follows Total Brain's recently announcements of two key partnerships which potentially will drive the uptake of both its app and its iSpot-D research. The interim result, released on February 28, reflects the company's ongoing transition with strong growth in core revenues and cost containment. Total Brain reported 19% growth in core revenues for 1H19 to \$0.93m with total sales of \$1.12m. The underlying interim EBITDA loss was \$3.4m, an increase of 41% on pcp but lower than forecast. As such, we have made minor changes to our FY19 forecasts.

#### **Business model**

Total Brain operates a subscription as a service (SaaS) model for its Brain Performance Management Platform. The science behind the platform has been developed over almost two decades with input from the leading academic institutions in the field. This has generated a proprietary neuroscientific database of scale which underpins the scientific validation that differentiates Total Brain from other brain training and wellness applications. In September 2018, the company launched the Total Brain app, designed to capture a share of the estimated US\$5bn mHealth market. The app assesses the brain's core capacities (emotion, feeling, cognition, self-control), pre-screens seven mental health conditions and delivers personalised brain and mind/body training.

#### 1H19 result

The company announced 1HFY19 revenues of \$1.1m and a net loss before impairment of goodwill of \$3.2m. The non-cash impairment charge against goodwill was \$0.86m for the half, substantially below the \$5.1m charge taken a year ago. The current net carrying value of goodwill is \$14.66m and includes a provision for impairment of \$8.5m. Cash receipts for the half were \$1.5m. Cost containment was better than our forecast for the half resulting in an underlying net operating loss (EBITDA) of \$3.4m vs \$2.4m pcp and our forecast of \$3.7m. Amortisation was slightly ahead of ours, and we have adjusted FY19 to reflect this.

#### Valuation of \$103.6m

We have used the discounted cashflow methodology to value Total Brain, arriving at a base case valuation of \$103.6m. After incorporating the additional shares to be issued for the \$6.9m raise, and assuming the company raises another \$5m at \$0.08/share in FY20, the DCF per share is \$0.123 (previously \$0.13). Our \$103.6m base case valuation is generated from a WACC of 14.9%, terminal value 2.2% and a CAGR of free positive cashflows from 2022 of 47.0%. In our view, demonstrated success with the new strategy should underpin Total Brain's share price performance.

Historical e	earnings and	d RaaS Adviso	ry estimates			
Year end	Revenue (A\$m)	EBITDA reported (A\$m)	NPAT reported (A\$m)	EPS* (c)	P/E (x)	EV/Sales (x)
06/18	2.6	(4.9)	(23.1)	(6.38)	na	8.6
06/19e	3.3	(7.4)	(6.8)	(1.02)	na	5.6
06/20e	8.7	(5.5)	(4.1)	(0.52)	na	2.5
06//21e	19.0	1.4	0.7	0.08	36.0	1.1
Source: Comp	any data, RaaS <i>i</i>	Advisory Estimates	for FY19e, FY20e	e and FY21e		

#### Healthcare services

#### 20th March 2019



# Share performance (since code change in December 2018)



#### **Upside Case**

- Highly scalable SaaS model
- Customers achieve high ROI with ~A\$8,900 in savings per employee
- Targeting predominantly US corporates and consumers

#### **Downside Case**

- Need to sell at the Enterprise level which means a sales cycle of 9-12 months for the B2B product
- New consumer product yet to be fully trialled in market
- Commercial success to date has been elusive

#### **Board of Directors**

Dr Evian Gordon	Executive Chairman/ Founder
Louis Gagnon	Managing Director/ CEO
Matthew Morgan	Non-Executive Directo

Matthew Morgan Non-Executive Director
Dr Stephen Koslow Non-Executive Director
Ajay Arora Non-Executive Director

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## RaaS Advisory contact

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## **Capital Raising**

Total Brain announced on March 18 a three-pronged equity raising by way of a placement, a conditional placement and a 1-for-8 non-renounceable rights issue to raise up to \$6.9m. Our forecasts had previously incorporated a \$5m equity raise.

The placement has raised \$3.7m at \$0.028 a share (a 6.7% discount to the last traded price of Total Brain's shares before the announcement). Shareholders will be asked to vote on a conditional placement of \$1.3m at \$0.028 a share on 29 April. Total Brain has also announced a 1-for-8 non renounceable rights issue to shareholders commencing 26<sup>th</sup> March and closing 5<sup>th</sup> April to raise up to \$1.9m. We set out the share structure and use of funds in the following two exhibits.

Shares	\$5m raised	\$6.9m raised
Silates	ชุวเบ เสเรียน	จุบ.ฮกกาสเรียน
Current shares on issue (m)	531.3	531.3
Placement shares issued	132.8	132.8
Conditional placement shares issued	45.8	45.8
Rights shares issued		66.4
Total shares pose raise (m)	709.9	776.3

Category	\$5m raised	\$6.9m raised
Sales and marketing	0.9	1.3
Software and product development	1.3	1.8
Corporate	1.2	1.7
Selling, general and administrative and working capita'	1.3	1.8
Costs of offer	0.3	0.3
Total use of funds	5.0	6.9

We have incorporated the raising in our forecasts, assuming that \$6.9m is raised. As Total Brain is raising more than we previously anticipated, we have reduced our FY20 capital raising expectation by \$1m to \$6m. This has had the effect of reducing our per share valuation by \$0.06 per share to \$0.124/share.

### Strategic partnerships

Total Brain has recently announced two strategic partnerships which will potentially help drive the uptake of its app and iSpot research. OneDigital Health and Benefits, the US's largest company focussed solely on employee-benefits and human resources. It has 1,500 employees, services more than 44,000-employer clients and manages more than US\$4.5bn in insurance premiums. It will offer Total Brain's app to both its own employees and to its clients' employees. This relationship potentially will deliver rapid exposure to Total Brain's app.

Total Brain has also forged a licencing arrangement with computational sciences and therapeutics company Blackthorn Therapeutics, for access to the clinical data from Total Brain's iSpot- D study on depression.

Blackthorn is also an early stage company, based in San Francisco, and backed by Johnson& Johnson Innovations, ARCH Venture Capital and Biometric Capital Partners.

#### **American Heart Association report validation**

The American Heart Association's Center for Workplace Health Research and Evaluation has published a new report "Mental Health – A Workforce Crisis", in which it found that US companies needed to do more to cultivate supportive work environments and combat mental health issues. The report, which commissioned a nationwide employee survey, found that depression alone was costing the US economy US\$210b annually with 50% of that cost being borne by employers. The survey found that around three out of four employees

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(76%) have struggled with at least one issue that had affected their mental health and about two in five (42%) had been diagnosed with a mental health disorder.

Most significantly for Total Brain, many of the respondents were willing to divulge their disorder to the confidential survey conducted on behalf of AHA but 63% of those diagnosed with a disorder had not disclosed it to their employer. As we highlighted in our positional paper on Total Brain, <u>Delivering Human Resources Solutions</u>, Total Brain's app allows employees to be screened, receive brain training and wellness therapy without breach of privacy. The AHA report, in which more than 40 Fortune 500 companies participated, in our view provides additional validation to Total Brain's technology and strategy.

#### Interim result

Total Brain reported a 4% lift in revenues, excluding interest income, which included a 19% increase in core corporate revenues. Employment, insurance and administrative costs were lower than our forecasts leading to costs overall being around \$300,000 below our estimates for the half. Underlying EBITDA which excludes the non-cash impairment charge was a loss of \$3.4m versus a \$2.4m loss a year ago and our forecast for a \$3.7m loss. Amortisation was a little higher than our forecasts, resulting in an adjusted net loss for the period of \$3.2m, up 44% year on year and higher than our forecast for a net loss of \$2.6m.

The company also noted a contingent liability relating to a legal dispute with a former employee in its early stages.

Exhibit 3: IH19 versus	1H18 and RaaS fc	t (in A\$m unless o	otherwise stated)	
Six months ending Dec 31	1H18	1H19	% chg	RaaS Fct
Revenue	1.1	1.1	4%	1.2
EBITDA (underlying)	(2.4)	(3.4)	41%	(3.7)
EBITDA reported	(12.3)	(4.4)	(65%)	(3.7)
EBIT	(12.4)	(4.5)	(63%)	(3.8)
NPAT	(12.1)	(3.2)	(74%)	(2.6)
NPAT adjusted	(2.2)	(3.2)	44%	(2.6)

Source: Company reports, RaaS estimates

## **Earnings Adjustments**

We have adjusted our forecasts for FY19 to reflect the impairment and slightly higher amortisation. Operationally, our forecasts have remained unchanged. A summary of the changes is set out in the exhibit below.

<b>Exhibit 2: Earnings adjustments</b>	S		
In A\$m unless otherwise stated	FY19 old	FY19 new	% chg
Revenue	3.3	3.3	0%
Gross profit	2.7	2.7	0%
EBITDA underlying	(7.4)	(7.4)	0%
EBIT underlying	(7.6)	(7.7)	1%
NPBT	(7.5)	(8.5)	13%
NPAT	(5.3)	(6.0)	13%
Source: RaaS estimates			

## **DCF** valuation

We are of the view that the discounted cashflow methodology is the most appropriate methodology for valuing early stage companies. Our base case DCF valuation of Total Brain is \$103.6m. Incorporating the shares that we anticipate the company will issue the just announced raising (\$6.9m at \$0.028/share and a second raising in H2FY20 (\$5m at \$0.08/share) this equates to \$0.123/share. If we were to include the cash from these transactions, the valuation lifts to \$0.137/share. We note that the company has 195.3m options issued to directors and senior executives which also are potentially dilutionary. These options have exercise prices ranging from \$0.08/share to \$0.375/share. Just over 149m of these options are potentially exercisable at a price below our valuation. If these were to be exercised the dilution effect is \$0.02 per share. As almost

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all the options have an exercise date in 2022 or beyond, we have not included them for the purpose of our valuation.

Parameters	Outcome
Discount Rate / WACC	14.9%
Beta	1.9
Terminal growth rate assumption	2.20%
Sum of PV	29.8
PV of terminal Value	70.5
PV of Enterprise	100.3
Debt (Cash)	(3.3)
Net Value - Shareholder	103.6
No of shares on issue*	839
NPV	\$0.123



Exhibit 4:	<b>Financial</b>	year financial	summary
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Total Brain (TTB.AX)						Share price (18 March 2019	)				A\$	0.03
Profit and Loss (A\$m)						Interim (A\$m)	H118A	H218A	H119F	H219F	H120F	H220F
Y/E 30 June	FY18A	FY19F	FY20F	FY21F	FY22F	Revenue	1.1	1.5	1.1	2.2	3.9	4.7
Revenue	2.6	3.3	8.7	19.0		EBITDA	(2.4)	(5.9)	(4.4)	(3.8)	(2.9)	(2.6)
Gross profit	2.5	2.7	6.9	15.2		EBIT	(12.4)	(9.3)	(4.5)	(4.0)	(3.1)	(2.8)
GP margin %	95.3%	83.7%	80.0%	80.0%		NPAT (normalised)	(12.1)	(11.0)	(3.2)	(2.8)	(2.2)	(2.0)
EBITDA	(4.9)	(7.4)	(5.5)	1.4		Minorities	0.0	0.0	0.0	0.0	0.0	0.0
Depn	(0.0)	(0.0)	(0.2)	(0.2)		NPAT (reported)	(12.1)	(11.0)	(3.2)	(2.8)	(2.2)	(2.0)
Amort	(0.0)	(0.0)	(0.2)	(0.2)		EPS (normalised)	(6.3)	(0.1)	(0.6)	(0.4)	(0.3)	(0.2)
EBIT	(23.4)	(7.7)	(6.0)	0.9	_ ' '	EPS (reported)	(6.3)		(0.6)	(0.4)	(0.3)	(0.2)
-	· /	0.0	0.0)	0.9		· · · /	0.0	(0.1)	0.0		0.0	0.0
Interest	(0.5)					Dividend (cps)		0.0		0.0		
Tax	0.8	2.5	1.8	(0.3)	. ,	Imputation	30.0	30.0	30.0	30.0	30.0	30.0
Minorities	0.0	0.0	0.0	0.0		Operating cash flow	(1.6)	(2.2)	(2.3)	(3.6)	(3.0)	(2.7)
Equity accounted assoc	(0.0)	0.0	0.0	0.0		Free Cash flow	(1.4)	(0.8)	(1.0)	(2.2)	(3.0)	(2.5)
NPAT pre significant items	(23.1)	(6.0)	(4.1)	0.7		Divisionals	H118A	H218A	H119F	H219F	H120F	H220F
Significant items	0.0	(0.9)	0.0	0.0		B2B Revenue	1.1	1.5	1.1	2.1	3.1	3.9
NPAT (reported)	(23.1)	(6.8)	(4.1)	0.7	4.0	B2C Revenue			-	0.0	0.8	0.9
Cash flow (A\$m)						Total Revenue	1.1	1.5	1.1	2.2	3.9	4.7
Y/E 30 June	FY18A	FY19F	FY20F	FY21F	FY22F							
EBITDA	(4.9)	(7.4)	(5.5)	1.4		Gross profit	1.0	1.5	1.0	1.7	3.2	3.8
Interest	0.0	0.0	0.1	0.1		Gross Profit Margin %	93%	97%	89%	81%	80%	80%
Tax	0.0	0.0	0.0	(0.3)	(1.7)							
Working capital changes	1.0	1.5	(0.3)	(0.6)	(0.9)	Employment	1.4	1.9	2.8	3.8	4.2	4.6
Operating cash flow	(3.9)	(5.9)	(5.8)	0.6	3.5	Marketing	0.1	0.2	0.4	0.5	0.5	0.5
Mtce capex	0.0	(0.0)	(0.1)	(0.1)	(0.1)	Other costs	1.0	1.1	1.2	1.3	1.3	1.3
Free cash flow	(3.9)	(5.9)	(5.9)	0.5	3.5	Total costs	2.5	3.2	4.4	5.6	6.1	6.4
Growth capex	(1.7)	(2.6)	(0.2)	(0.4)	(0.4)							
Acquisitions/Disposals	0.0	0.0	0.0	0.0	0.0	EBITDA	(1.5)	(1.7)	(3.4)	(3.8)	(2.9)	(2.6)
Other	(0.1)	0.0	0.0	0.0	0.0	EBITDA margin %	nm	nm	nm	nm	nm	nm
Cash flow pre financing	(5.7)	(8.5)	(6.0)	0.1	3.1							
Equity	10.5	6.5	4.8	0.0	0.0	Margins, Leverage, Returns		FY18A	FY19F	FY20F	FY21F	FY22F
Debt	(0.1)	0.0	0.0	0.0		EBITDA margin %		(187.4%)	(225.5%)	(63.8%)	7%	23%
Dividends paid	0.0	0.0	0.0	0.0		EBIT margin %		(896.0%)	(235.3%)	(68.9%)	5%	21%
Net cash flow for year	4.7	(2.0)	(1.3)	0.1		NPAT margin (pre significant	items)	(885.5%)	(182.3%)	(47.7%)	4%	15%
Balance sheet (A\$m)		(2.0)	()	0.1	0	Net Debt (Cash)		6.62	4.86	3.58	3.67	6.72
Y/E 30 June	FY18A	FY19F	FY20F	FY21F	FY22F	Net debt/EBITDA (x)	(x)	n/a	n/a	n/a	2.65	1.11
Cash	6.6	4.9	3.6	3.7		ND/ND+Equity (%)	(%)	(43.6%)	(29.6%)	(19.6%)	(19.4%)	(33.9%)
Accounts receivable	1.3	1.0	1.6	2.7		EBIT interest cover (x)	(x)	(40.070)	n/a	(13.070) n/a	(7.4%)	(1.5%)
Inventory	0.0	0.0	0.0	0.0		ROA	(^)	(95.8%)	(33.5%)	(25.4%)	3.8%	20.3%
Other current assets	0.0	0.0	0.0	0.0		ROE		(124.4%)	(33.5%)	(19.1%)	3.1%	16.2%
Total current assets	8.0	5.9	5.3	6.5		ROIC		(162.5%)	, ,	, ,	13.2%	68.7%
PPE		1.6	1.7	2.0				. ,	(106.2%)	(104.0%)		
	0.2					NTA (per share)		4.1%	2.7%	2.6%	2.7%	3.2%
Goodwill	0.0	0.0	0.0	0.0		Working capital		82.8%	36.0%	98.5%	211.0%	369.4%
Investments	0.0	0.0	0.0	0.0		WC/Sales (%)		31.7%	11.0%	11.4%	11.1%	13.9%
Deferred tax asset	0.0	1.2	3.0	3.0		Revenue growth		10.1%	25.1%	165.6%	118.8%	39.7%
Other non current assets	14.7	14.4	14.1	13.8		EBIT growth pa		n/a	n/a	n/a	(115.6%)	500.2%
Total non current assets	14.9	17.2	18.7	18.8		Pricing		FY18A	FY19F	FY20F	FY21F	FY22F
Total Assets	22.9	23.1	24.0	25.2		No of shares (y/e)	(m)	531	776	839	839	839
Accounts payable	0.5	0.6	0.6	0.6		Weighted Av Dil Shares	(m)	362	776	839	839	839
Short term debt	0.0	0.0	0.0	0.0	0.0							
Tax payable	0.0	0.0	0.0	0.0	0.0	EPS Reported	cps	(6.38)	(0.72)	(0.41)	0.07	0.38
Deferred revenue	0.5	1.1	1.4	1.9	2.6	EPS Normalised/Diluted	cps	(6.38)	(1.02)	(0.52)	0.08	0.47
Total current liabilities	1.0	1.7	2.0	2.6	3.2	EPS growth (norm/dil)		n/a	n/a	n/a	-116%	467%
Long term debt	0.0	0.0	0.0	0.0	0.0	DPS	cps	-	-	-	-	-
Other non current liabs	0.1	0.1	0.1	0.1	0.1	DPS Growth		n/a	n/a	n/a	n/a	n/a
Total long term liabilities	0.1	0.1	0.1	0.1	0.1	Dividend yield		0.0%	0.0%	0.0%	0.0%	0.0%
Total Liabilities	1.1	1.8	2.1	2.6		Dividend imputation		30	30	30	30	30
Net Assets	21.8	21.3	21.9	22.6		PE (x)		-		-	44.2	7.8
		29	29			PE market		15.2	15.2	15.2	15.2	15.2
Share capital	58.1	64.6	69.3	69.3	69.3	Premium/(discount)		10.2	(100.0%)	(100.0%)	190.8%	(48.7%)
Accumulated profits/losses	(40.2)	(47.5)	(51.7)	(51.0)		EV/EBITDA		(4.6)	(2.5)	(3.9)	15.5	3.0
Reserves		4.2	4.2	(51.0)	_ ` /	FCF/Share	one					
Minorities	3.9 0.0	0.0	0.0	0.0		Price/FCF share	cps	(0.7)	(0.8)	(0.7)	0.1 37.7	0.4 6.9
INTITUTUIGO	0.0	0.0	0.0	0.0	0.0	i noci or state		(4.1)	(4.0)	(4.4)	31.1	0.9
Total Shareholder funds	21.8	21.3	21.9	22.6	^^ -	Free Cash flow Yield		(24.3%)	(25.0%)	(22.6%)	2.6%	14.5%

Source: RaaS Advisory



Exhibit 5: Calendar year financial summary

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Total Brain (TTB.AX)						Share price (18 March 2019)					A\$	0.03
Profit and Loss (A\$m)						Interim (A\$m)	H1CY18A	H2CY18F	H1CY19F	H2CY19F	H1CY20F	H2CY20F
Y/E December 31	CY18A	CY19F	CY20F	CY21F	CY22F	Revenue	1.5	1.1	2.2	3.9	4.7	8.6
Revenue	2.7	6.1	13.4	22.5	31.3	EBITDA	(5.9)	(4.4)	(3.8)	(2.9)	(2.6)	0.2
Gross profit	2.5	4.9	10.7	18.0	25.0	EBIT	(9.3)	(4.5)	(4.0)	(3.1)	(2.8)	(0.1
GP margin %	93.5%	80.4%	80.0%	80.0%	80.0%	NPAT (normalised)	(11.0)	(3.2)	(2.8)	(2.2)	(2.0)	(0.0)
EBITDA	(10.2)	(6.7)	(2.5)	3.5		Minorities	0.0	0.0	0.0	0.0	0.0	0.0
	, ,											
Depn	(0.0)	(0.1)	(0.2)	(0.2)	. ,	NPAT (reported)	(11.0)	(3.2)	(2.8)	(2.2)	(2.0)	(0.0
Amort	(0.2)	(0.3)	(0.3)	(0.3)		EPS (normalised)	(0.1)	(0.6)	(0.4)	(0.3)	(0.2)	(0.0)
EBIT	(13.9)	(7.1)	(2.9)	3.1		EPS (reported)	(0.1)	(0.6)	(0.4)	(0.3)	(0.2)	(0.0
Interest	0.0	0.1	0.1	0.1		Dividend (cps)	0.0	0.0	0.0	0.0	0.0	0.
Tax	1.4	2.1	0.9	(0.9)	(2.6)	Imputation	30.0	30.0	30.0	30.0	30.0	30.
Minorities	0.0	0.0	0.0	0.0	0.0	Operating cash flow	(2.2)	(2.3)	(3.6)	(3.0)	(2.7)	0.
Equity accounted assoc	0.0	0.0	0.0	0.0	0.0	Free Cash flow	(0.8)	(1.0)	(2.2)	(3.0)	(2.5)	0.
NPAT pre significant items	(14.2)	(4.9)	(2.0)	2.2	6.2	Divisionals	H1CY18A	H2CY18F	H1CY19F	H2CY19F	H1CY20F	H2CY20F
Significant items	0.0	0.0	0.0	0.0	0.0	B2B Revenue	1.5	1.1	2.1	3.1	3.9	5.1
NPAT (reported)	(14.2)	(4.9)	(2.0)	2.2	6.2	B2C Revenue		-	0.0	0.8	0.9	3.5
Cash flow (A\$m)	, ,	( -,	,			Total Revenue	1.5	1.1	2.2	3.9	4.7	8.6
Y/E December 31	CV40A	CV40E	CV20E	CV24E	CV22E	Total Nov ondo	1.0			0.0		0.0
	CY18A	CY19F	CY20F	CY21F	CY22F	Caraca museli	4.5	4.0	4 7	2.0	2.0	
EBITDA	(10.2)	(6.7)	(2.5)	3.5		Gross profit	1.5	1.0	1.7	3.2	3.8	6.9
Interest	0.0	0.1	0.1	0.1	0.1	Gross Profit Margin %	97%	89%	81%	80%	80%	80%
Tax	0.0	0.0	0.0	(0.9)	(2.6)							
Working capital changes	5.7	0.0	(0.3)	(0.8)	(1.1)	Employ ment	1.9	2.8	3.8	4.2	4.6	4.9
Operating cash flow	(4.5)	(6.6)	(2.7)	1.9	5.6	Marketing	0.2	0.4	0.5	0.5	0.5	0.5
Mtce capex	0.0	(0.1)	(0.1)	(0.1)	(0.1)	•	1.1	1.2	1.3	1.3	1.3	1.3
Free cash flow	(4.5)	(6.7)	(2.8)	1.8	5.5		3.2	4.4	5.6	6.1	6.4	6.7
Growth capex	(2.8)	(1.3)	(0.4)	(0.4)	(0.4)	Total COStS	J.2	7.7	3.0	0.1	0.4	0.7
					. ,	EDITO 4	(4.7)	(0.4)	(0.0)	(0.0)	(0.0)	
Acquisitions/Disposals	0.0	0.0	0.0	0.0		EBITDA	(1.7)	(3.4)	(3.8)	(2.9)	(2.6)	0.:
Other	(0.1)	0.0	0.0	0.0	0.0	EBITDA margin %	nm	nm	nm	nm	nm	2%
Cash flow pre financing	(7.4)	(7.9)	(3.2)	1.4	5.1							
Equity	1.2	6.5	4.8	0.0	0.0	Margins, Leverage, Returns		CY18A	CY19F	CY20F	CY21F	CY22
Debt	0.0	0.0	0.0	0.0	0.0	EBITDA margin %		(385.7%)	(110.5%)	(18.4%)	16%	29%
Dividends paid	0.0	0.0	0.0	0.0	0.0	EBIT margin %		(522.8%)	(116.8%)	(21.7%)	14%	28%
Net cash flow for year	(6.1)	(1.4)	1.5	1.4	5.1	NPAT margin (pre significant if	tems)	(533.4%)	(80.8%)	(14.9%)	10%	20%
Balance sheet (A\$m)						Net Debt (Cash)		3.27	1.82	3.34	4.74	9.83
Y/E December 31	CY18A	CY19F	CY20F	CY21F	CY22F	Net debt/EBITDA (x)	(x)	n/a	n/a	n/a	1.34	1.07
Cash	3.3	1.8	3.3	4.7		ND/ND+Equity (%)	(%)	(22.9%)	(10.5%)	(18.0%)	(24.5%)	(48.1%
Accounts receivable	0.5	1.2	2.1	3.5		EBIT interest cover (x)		n/a	n/a	n/a	(2.3%)	(1.3%
							(x)					
Inventory	0.0	0.0	0.0	0.0		ROA		(62.3%)	(36.0%)	(12.8%)	12.0%	28.4%
Other current assets	0.1	0.1	0.1	0.1		ROE		(86.1%)	(26.9%)	(9.7%)	9.6%	22.7%
Total current assets	3.8	3.1	5.5	8.3		ROIC		(102.9%)	(180.8%)	(37.9%)	35.2%	101.6%
PPE	0.2	1.5	1.8	2.1	2.4	NTA (per share)		3.3%	2.5%	2.6%	2.9%	3.6%
Goodwill	0.0	0.0	0.0	0.0	0.0	Working capital		(6.6%)	63.1%	148.5%	283.4%	472.1%
Investments	0.0	0.0	0.0	0.0	0.0	WC/Sales (%)		(2.5%)	10.3%	11.1%	12.6%	15.1%
Deferred tax asset	0.0	2.1	3.0	3.0		Revenue growth		12.0%	129.9%	118.9%	68.5%	38.9%
Other non current assets	14.5	14.3	14.0	13.7	13.4	EBIT growth pa		n/a	n/a	n/a	(206.3%)	181.5%
Total non current assets	14.8	17.9	18.8	18.8		Pricing		CY18A	CY19F	CY20F	CY21F	CY22
Total Assets	18.6	21.0	24.3	27.0		No of shares (y/e)	(m)	531	776	839	839	839
						0 /						
Accounts payable	0.5	0.6	0.6	0.6		Weighted Av Dil Shares	(m)	662	776	839	839	839
Short term debt	0.0	0.0	0.0	0.0	0.0							
Tax payable	0.0	0.0	0.0	0.0	0.0	EPS Reported	cps	(0.72)	(0.64)	(0.24)	0.26	0.7
Deferred revenue	0.4	1.2	1.7	2.2	3.1	EPS Normalised/Diluted	cps	(0.56)	(0.64)	(0.24)	0.26	0.7
Total current liabilities	0.9	1.8	2.3	2.9	3.7	EPS growth (norm/dil)		n/a	n/a	n/a	-211%	179%
Long term debt	0.0	0.0	0.0	0.0		DPS	cps	-	-	-	-	-
Other non current liabs	0.1	0.1	0.1	0.1		DPS Growth	·F ·	n/a	n/a	n/a	n/a	n/
Total long term liabilities	0.1	0.1	0.1	0.1		Dividend yield		0.0%	0.0%	0.0%	0.0%	0.0%
	_					•						
Total Liabilities	1.0	1.9	2.4	3.0		Dividend imputation		30	30	30	30	3
Net Assets	17.5	19.1	21.9	24.1	30.2	PE (x)		-	-	-	11.4	4.
						PE market		13.8	13.8	13.8	13.8	13.
01	58.1	64.6	69.3	69.3	69.3	Premium/(discount)			(100.0%)	(100.0%)	(17.3%)	(70.4%
Snare capital	(44.0)	(49.7)	(51.7)	(49.5)	(43.3)	EV/EBITDA		(2.2)	(2.7)	(8.8)	6.1	2.0
Share capital Accumulated profits/losses	(44.8)	(10.1)	(+)	/								
	(44.8)	4.2	4.2	4.2	. ,	FCF/Share	cps	(0.7)	(0.8)	(0.7)	0.1	
Accumulated profits/losses					4.2		cps					0. 6.9

Source: RaaS Advisory



# FINANCIAL SERVICES GUIDE

# RaaS Advisory Pty Ltd ABN 99 614 783 363

Corporate Authorised Representative, number 1248415

of

BR SECURITIES AUSTRALIA PTY LTD

ABN 92 168 734 530

AFSL 456663

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- who we are
- our services
- how we transact with you
- how we are paid, and
- complaint processes

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