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COMPANY NOTE **EQUITY RESEARCH** March 18, 2022

Internet, Media & Enabling Technologies

**Corporate Access Event** 

# AcuityAds Holdings, Inc. | ATY - \$2.75 - NASDAQ | Neutral

Stock Data	
52-Week Low - High	\$2.08 - \$15.56
Shares Out. (mil)	60.73
Mkt. Cap.(mil)	\$167.02
3-Mo. Avg. Vol.	202,017
12-Mo.Price Target	\$3.50
Cash (mil)	\$80.5
Tot. Debt (mil)	\$5.4
Cash and Debt converted to USD	assuming 0.81 CAD/USD

Revenue (C\$ millions)							
Yr Dec	<b>—2021—</b>	—2022E—	—2023E—				
		Curr	Curr				
1Q	27.5A	26.0E	-				
2Q	30.3A	34.4E	-				
3Q	27.5A	36.7E	-				
4Q	36.8A	49.3E	-				
YEAR	122.0A	146.4E	178.4E				
EBITDA							
Yr Dec	<b>—2021—</b>	—2022E—	—2023E—				
		Curr	Curr				
1Q	4.5A	0.1E	-				
2Q	5.4A	4.6E	-				
3Q	4.4A	5.5E	_				

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Aaj.	EBITDA.	CAD

5.9A

20.3A

**4Q** 

**YEAR** 

EPS C\$			
Yr Dec	—2021—	—2022E—	—2023E—
		Curr	Curr
1Q	0.02A	(0.04)E	-
2Q	0.06A	0.02E	-
3Q	0.06A	0.03E	-
4Q	0.04A	0.10E	-
YEAR	0.18A	0.11E	0.18E
CAD, Dilu	ited		

11.7E

21.9E

28 1F



# ATY: 34th Annual ROTH Conference **Takeaways**

We recently hosted ATY Co-Founder and CEO Tal Hayek and CFO Elliot Muchnik for a series of presentations and 1x1 meetings. Our key takeaways can be found in our full report.

Tier-2 customer traction moving the needle near-term. We continue to highlight a growing pipeline of Tier-1 customers for Illumin which are classified as Fortune 1000 enterprises. While that pipeline is expanding, these customers typically require more effort on the selling front which could include over a dozen various touch points/decision makers per customer. We are encouraged by future deal sizes from these clients as they likely have larger ad spend budgets than smaller companies, however, Tier-1 customers also generally take more time to transition to new systems from those currently utilized, thereby likely limiting the amount of spend on Illumin right out of the gate. In the near-term, much of the P&L impact on Illumin thus far is stemming from mid-tier (Tier-2) customers which are classified as companies with ~\$5M-\$500M in revenue. Compared to Tier-1 customers, Tier-2 customers generally have lower overall ad spend but are more likely to allocate a higher portion of their spend towards Illumin soon after being on boarded. We believe this traction is encouraging to help fill the gap between the initial onboarding of Tier-1 customers and material P&L impacts from these customers, especially given the targeted ~\$11M in anticipated re-investment in FY22 to build out its Tier-1 focused sales force.

From a capital allocation perspective, we believe the Company is strongly considering a buyback, and would be encouraged to see that, especially given the level of FCF the business spun off last year, even in the face of some macro headwinds.

### **VALUATION**

Our \$3.50 price target is based on a ~8x EV/'22E adj. EBITDA multiple to our ~\$21.9M CAD estimate.

While our ATY price target falls outside of ROTH's definition for a Neutral rated stock, we believe this is warranted given the uncertainty around ATY's customers in regard to continued budget reductions and elongated sales cycles related to the current supply chain disruptions globally which limit visibility into FY22 buisness operations.

Factors that could impede ATY from achieving our price target include: lack of illumin adoption, competition, customer retention, ad fraud, internet tracking policies, and customer concentration.

## **RISKS**

**Competition.** The ad tech sector is highly competitive, especially among demand side platforms (DSPs) in the programmatic space. While ATY has a differentiated product, it competes against much larger and better capitalized peers. If it does not maintain a competitive edge with its technology, its business could adversely impacted.

**Customer retention.** Brands usually run marketing campaigns on a campaign by campaign basis. In the ad tech space there are few, if any, long-term contracts. Failure of ATY to retain customers could add volatility to its business and stock.

**Continued success of illumin.** To date illumin has seen rapid early growth and success. The continued success of illumin represents the bulk of future top-line growth. If growth of and traction with illumin were to wane, it could adversely impact overall growth and stock performance.

**Ad fraud.** There is a risk of fraud within the ad tech business. Bad actors can utilize bots to mimic real humans, inflating the number of clicks and impressions. Acuity does what it can to mitigate these bad actors; however, there is a risk that Acuity could be liable or partially liable for fraudulent actions taken within its platform. The same risk exists for the managed service component of the business as well.

**Policy on internet and app tracking.** Marketers use a variety of tools to strategically deploy ads across internet and app platforms. Software companies that design and operate these platforms (apps, Chrome, Firefox, Safari, Android, and iOS) are all within their right to change policies as it relates to advertisers' ability to collect data from targeted audiences. Government policies from agencies such as the FTC can also levy advertiser's ability to collect data from users and track targeted audiences. These policy changes can affect companies' ad budgets, thereby affecting the potential revenue flow for Acuity.

**Customer concentration.** While Acuity operates a model that uses a volume of customers rather than few long-term subscribers, ~39% of its business came from its top 10 customers in 2020, with one customer representing ~9% of total revenue. Customers are often not tied to long-term commitments which means there is a risk for a significant reduction in revenue if one or more of these customers were to no longer conduct business with Acuity.

**Macroeconomic risk.** Global events, or changes in the economic landscape can have adverse impacts on the digital advertising environment. Whether through recession or something like a pandemic, these events tend to dampen the digital advertising spending environment, which would adversely impact most industry participants, including Acuity.

## **COMPANY DESCRIPTION**

AcuityAds Holdings, Inc. (ATY) is an advertising technology company that offers programmatic advertising solutions including self-service, managed services and automated self-services (illumin). Illumin is ATY's newest product that leverages Al/machine learning to automate the advertising journey with real-time insights and bidding to optimize and measure marketing spend for brands. Acuity customers include both Fortune 500 enterprises and medium-sized businesses. AcuityAds is headquartered in Toronto, Canada.

#### AcuityAds Holdings Inc. (ATY-NASDAQ)

Fiscal year end - December

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Control Standard   Col.   Co	(CAD\$ in thousands except per share data)	2017A	2018A	2019A	2020A	1Q21A	2Q21A	3Q21A	4Q21A	2021A	1Q22E	2Q22E	3Q22E	4Q22E	2022E	2023E
										-						
Total revenue-18D																
March   Company   Compan																
Aberia costs (FRS) 28,086 30,789 57,422 50,809 13,091 14,791 13,262 17,065 58,461 12,735 16,875 10,809 24,459 72,330 69,801 Cores point (PRS) 30,096 30,798 57,422 50,688 14,369 12,369 14,253 11,369 13,369 12,325 17,464 10,469 24,359 74,033 68,644 Correlating expenses (FRS) Sales and marketing 18,379 20,738 11,310 11,327 12,321 12,309 13,317 12,321 12,309 13,317 12,321 12	Total revenue - USD	47,352	56,891	96,499	84,964	22,238	24,531	22,263	28,528	97,560	20,465	27,062	28,930	38,829	115,285	140,508
Aberia costs (FRS) 28,086 30,789 57,422 50,809 13,091 14,791 13,262 17,065 58,461 12,735 16,875 10,809 24,459 72,330 69,801 Cores point (PRS) 30,096 30,798 57,422 50,688 14,369 12,369 14,253 11,369 13,369 12,325 17,464 10,469 24,359 74,033 68,644 Correlating expenses (FRS) Sales and marketing 18,379 20,738 11,310 11,327 12,321 12,309 13,317 12,321 12,309 13,317 12,321 12	EX rate	0.81	0.81	0.81		0.81	0.81	0.81	0.78		0.79	0.79	0.79	0.79		
Consequency																
Consequency	Modia costs (IEDS)	20.264	22 050	61 712	50 900	12 001	14 476	12 222	17 662	50 /61	12 725	16 975	19 260	24.450	72 220	90 901
Commission segments (FRS)   1,337,   2,379,   2,379,   3,141,577,   4,564,   5,147,   5,241,   7,262,   2,272,   7,262,   6,242,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   6,241,   7,002,   6,243,   7,002																
Sales and marketing	Gross profit (IFRS)	29,096	36,378	57,422	54,085	14,364	15,809	14,253	19,139	63,565	13,255	17,494	18,480	24,854	74,083	88,644
Sales and marketing																
Technology (7,88 6,151 18301 18,157 3,793 3,842 2,681 2,964 12,880 3,467 3,506 3,527 3,600 14,089 18,381 12,000 10	Operating expenses (IFRS)															
General and antiminstrative   5,502   6,860   7,875   5,919   1,522   1,965   2,012   3,399   8,884   2,417   2,440   2,462   2,515   0,384   12,900   2,000   2,600   5,000	Sales and marketing	16,379	20,728	27,019	18,127	4,554	5,167	5,261	7,292	22,274	7,329	6,942	6,981	7,002	28,255	31,286
General and antiminstrative   5,502   6,860   7,875   5,919   1,522   1,965   2,012   3,399   8,884   2,417   2,440   2,462   2,515   0,384   12,900   2,000   2,600   5,000		7.768	6.151	13.801	13,157	3.793		2.581	2.964	12.680	3.457	3.506	3.527		14.089	16.351
Stock-based compensation   1,805   1,137   1,1410   988   894   1,824   1,466   1,375   1,221   1,386   1,390   1,001   1,001   1,000   1,00					,											
Dependent and amortization   1,144   0,034   1,124   8,134   1,262   1,172   1,240   1,572   1,286   1,286   1,286   1,366   5,580   1,366   1,570   1,246   1,247   1,246   1,247   1,246   1,247			,					,				,				,
Total operating expenses (casha)* S.5151 e.4.43 S.9.883 P.7.20 V.7.505 12.12** S.5151 e.4.43 S.9.883 P.7.20 V.7.205 12.12** S.5151 e.4.43 S.9.883 P.7.20 V.7.205 V.7.205 V.7.20	·							-			1				-	
Total operating openates (IPRS)	Depreciation and amortization	-, -		- /				,					,			
Age   EBITDA - CADA   187   2,341   8,714   15,796   4,415   5,439   4,419   5,472   20,272   52   4,605   5,511   11,737   21,905   22,017   7,696   22,017   22,01	Total operating expenses (cash)*	28,775	39,272	50,149	37,203	9,879	10,404	9,854	13,655	43,793	13,203	12,888	12,969	13,117	52,178	82,895
Add   EBRTA - USD	Total operating expenses (IFRS)	33,513	46,443	59,683	47,095	12,127	13,290	12,492	16,270	54,179	15,724	15,376	15,459	15,781	62,341	71,716
Add   EBRTA - USD	Adi, EBITDA - CAD	187	2.841	9.714	15.798	4.541	5.439	4.419	5.872	20.272	52	4.605	5.511	11.737	21.905	28.107
Operating incomes/(css) (IFIRS)																
Interest (spense)   1,631	Adj. EBITEA - GOD	131	2,301	7,003	12,711	3,073	4,403	3,300	4,552	10,210	l 7'	3,020	4,000	3,241	17,240	22,132
Interest (spense)   1,631	0 " ' " " " " " " " " " " " " " " " " "	(, ,,=)	(40.005)	(0.00()							(0.400)					
Other income (sepense), net Income (loss) before taxes (IFRS) (6,387) (12,181) (4,544) 1,5189 (30) 1,534 1,568 3,362 3,367 1,106 (2,744) 1,843 2,747 8,738 1,045 1,489 2,747 1,3184 3,00 2,01 0 919 1,151 0 488 742 2,375 3,614 4,274 4,745 1,344 4,180 4,180 4,4135 4,309 1,158 1,484 5,006 1,747 1,7													- , -			
Income (loss) before taxes (IFRS)   (6,997)   (12,181)   (5,454)   5,189   1,944   3.563   3,362   3,387   11,706   (2,744)   1,343   2,747   8,798   10,643   15,829   Provision for income flores   (6,500)   (12,781)   (3,522)   (3,523)   (4,791)   (3,524)   (4,780)   (4,745)   (4,78	Interest (expense)	1,631	2,095	2,494	1,663	275	259	263	256	1,053	275	275	275	275	1,100	1,100
Provision for income taxes   163   1939   153   1,498   30   201   0   919   1,151   0   498   742   2,375   3,814   4,274	Other income (expense), net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Provision for income taxes   163   1939   153   1,498   30   201   0   919   1,151   0   498   742   2,375   3,814   4,274	Income (loss) before taxes (IFRS)	(6.397)	(12.181)	(5.454)	5.189	1.394	3.563	3.362	3.387	11.706	(2.744)	1.843	2.747	8.798	10.643	15.829
Adj. Net Income(ioss)   6,5729  (2,322)   4,791   13,184   4,160   4,944   4,135   4,309   17,566   (23)   3,833   4,495   9,066   17,191   22,734   22,734   23,736   24,81   13,54   3,095   1,364   3,362   2,488   1,355   2,362   2,488   1,355   2,488   1,355   2,362   2,488   1,355   2,362   2,488   1,355   2,362   2,488   1,355   2,362   2,488   1,355   2,362   2,488   1,355   2,362   2,488   1,355   2,362   2,488   1,355   2,362   2,362   2,488   1,355   2,362																
Not nonemicros    16,560    11,278    5,607    3,691   1,346   3,362   3,362   2,468   10,555   (2,744   1,345   2,005   6,422   7,028   11,555   3,44   3,462   3,362   3,362   2,468   10,555   (2,744   1,345   2,005   6,422   7,028   11,555   3,44   3,452   3,464   3,462   3,464   3,462   3,464   3,462   3,464   3								4 135			(223)					
Agl. EPS - CAD (diluted)	, , ,	. , ,											,			
Adj. EPS - USD								-,								
EPS - disaler - CAD																
EPS - dibited - CAD  (\$0.21) (\$0.29) (\$0.10) \$0.07 \$0.02 \$0.06 \$0.06 \$0.04 \$0.18 \$(50.04) \$0.02 \$0.03 \$0.10 \$0.11 \$0.18 \$0.19 \$0.99																
Weighted avg. shares - diluted         31,589         39,134         54,352         55,972         57,961         58,014         60,638         60,720         59,333         61,220         61,720         62,220         62,720         61,970         83,970           Margin analysis:         Cross profit         49,8%         51,8%         48,2%         51.6%         52,3%         52,2%         51,9%         52,0%         52,1%         50,0%         50,3%         50,4%         49,7%           Sales and marketing         28,0%         22,5%         22,7%         17,3%         16,6%         17,1%         19,1%         19,8%         18,3%         22,2%         19,9%         12,5%         13,3%         10,2%         22,2%         19,9%         12,5%         13,3%         10,2%         9,5%         42,1%         22,6%         6,0%         50,6%         49,7%         8,8%         16,6%         17,1%         19,1%         19,8%         18,3%         28,2%         9,2%         7,2%         9,3%         7,1%         9,5%         9,2%         7,2%         9,3%         7,1%         6,7%         5,1%         6,7%         7,2%         9,6%         6,7%         7,2%         9,6%         6,5%         6,6%         5,6%         6,5%																
Margin analysis:  Gross profit  49.8% 51.8% 48.2% 51.6% 52.3% 52.2% 51.9% 52.0% 52.1% 51.0% 50.3% 50.3% 50.4% 50.6% 49.7% Sales and marketing  28.0% 29.5% 22.7% 17.3% 16.6% 17.1% 19.1% 19.8% 18.3% 28.2% 20.2% 19.0% 14.2% 19.3% 17.5% 17.5% 16.6% 17.1% 19.1% 19.8% 18.3% 28.2% 20.2% 19.0% 14.2% 19.3% 17.5% 1	EPS - diluted - CAD	(\$0.21)	(\$0.29)	(\$0.10)	\$0.07	\$0.02	\$0.06	\$0.06	\$0.04	\$0.18	(\$0.04)	\$0.02	\$0.03	\$0.10	\$0.11	\$0.18
Gross profit   49,8%   51,8%   48,2%   51,6%   52,3%   52,2%   51,9%   52,0%   52,1%   51,0%   50,3%   50,4%   50,6%   47,7%   52,6%   52,6%   51,0%   50,3%   50,4%   50,6%   47,7%   52,6%   52,6%   51,0%   50,3%   50,4%   50,6%   47,7%   52,6%   52,6%   51,0%   50,3%   50,4%   50,6%   51,0%   50,3%   50,4%   50,6%   51,0%	Weighted avg. shares - diluted	31,589	39,134	54,352	55,972	57,961	58,014	60,638	60,720	59,333	61,220	61,720	62,220	62,720	61,970	63,970
Gross profit   49,8%   51,8%   48,2%   51,6%   52,3%   52,2%   51,9%   52,0%   52,1%   51,0%   50,3%   50,4%   50,6%   47,7%   52,6%   52,6%   51,0%   50,3%   50,4%   50,6%   47,7%   52,6%   52,6%   51,0%   50,3%   50,4%   50,6%   47,7%   52,6%   52,6%   51,0%   50,3%   50,4%   50,6%   51,0%   50,3%   50,4%   50,6%   51,0%																
Sales and marketing	Margin analysis:															
Technology General and administrative 9.4 9.8% 6.8% 5.6% 5.6% 6.3% 7.3% 9.2% 9.2% 9.2% 9.2% 9.2% 9.2% 9.2% 9.2	Gross profit	49.8%	51.8%	48.2%	51.6%	52.3%	52.2%	51.9%	52.0%	52.1%	51.0%	50.9%	50.3%	50.4%	50.6%	49.7%
Technology General and administrative 9.4 9.8% 6.8% 5.6% 5.6% 6.3% 7.3% 9.2% 9.2% 9.2% 9.2% 9.2% 9.2% 9.2% 9.2	Sales and marketing	28.0%	29.5%	22 7%	17.3%	16.6%	17 1%	19.1%	19.8%	18.3%	28.2%	20.2%	19.0%	14 2%	19.3%	17.5%
Seneral and administrative   9.4%   9.8%   6.6%   5.6%   5.6%   6.3%   7.2%   9.2%   7.2%   9.2%   7.2%   5.08%   35.3%   26.6%   46.5%   46.5%   17.01al operating expenses (cash)   57.3%   66.1%   55.1%   6.7%   4.2%   4.4%	•															
Total operating expenses (cash) Total operating expenses (FRS) 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 57.3% 66.1% 67.6% 67.																
Total Operating expenses (IFRS)																
Adj. EBTDA  Adj. EBTDA  (7.6%) (1.4.3%) (1.9																
Caperaling income/(loss) (IFRS)   (7,6%)   (14,3%)   (1,9%)   (2,6%)   (2,8%)   (2																
Tax rate  (2.6%) 7.4% (2.8%) 28.9% 2.2% 5.7% 0.0% 27.1% 9.8% 0.0% 27.1% 0.9% 27.0% 27.0% 27.0% 34.0% 27.0% Adj. net income/(loss)  (9.8%) (3.3%) 4.0% 12.6% 15.2% 16.3% 15.0% 11.7% 12.2% 6.7% 8.7% (10.6%) 3.9% 5.5% 13.0% 4.8% 6.5% Adj. EPS  (0.0%) (0.0%) (0.0%) (0.0%) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Adj. EBITDA	0.3%	4.0%	8.2%	15.1%	16.5%	18.0%	16.1%	16.0%	16.6%	0.2%	13.4%	15.0%	23.8%	15.0%	15.8%
Adj. net income/(loss) Adj. pet income/(loss) Adj. pet income/(loss) (11.2%) (15.1%) (14.7%) Adj. EPS (0.0%) (0.0%	Operating income/(loss) (IFRS)	(7.6%)	(14.3%)	(1.9%)	6.7%	8.1%	8.3%	6.4%	7.8%	7.7%	(9.5%)	6.2%	8.2%	18.4%	8.0%	9.5%
Adj. net income/(loss) Adj. pet income/(loss) Adj. pet income/(loss) (11.2%) (15.1%) (14.7%) Adj. EPS (0.0%) (0.0%	Tax rate	(2.6%)	7.4%	(2.8%)	28.9%	2.2%	5.7%	0.0%	27.1%	9.8%	0.0%	27.0%	27.0%	27.0%	34.0%	27.0%
Net income/(loss) Adj. EPS (0.0%) (0.																
Adj. EPS (0.0%)																
EPS  (0.0%) (0.0%) (0.0%) (0.0%) (0.0%) (0.0%) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%																
Y/Y Growth:         40.4%         61.7%         (8.5%)         15.2%         61.3%         3.0%         (4.2%)         14.0%         (25.0%)         (12.0%)         3.0%         3.0%         (4.0%)           Self-service         (19.6%)         96.7%         (21.7%)         6.1%         35.5%         11.9%         40.0%         23.9%         78.9%         103.8%         101.63%         114.9%         103.9%         57.5%           Total revenue - CAD         20.1%         69.6%         (12.0%)         13.4%         54.9%         5.4%         5.0%         16.3%         (5.3%)         13.5%         33.7%         40.0%         22.9%         60.9%         34.4%         32.7%         (4.0%)         20.0%         21.9%           Sales and marketing         26.6%         30.4%         (32.9%)         (5.7%)         37.8%         4.3%         61.9%         22.9%         60.9%         34.4%         32.7%         (4.0%)         21.9%           General and administrative         24.7%         14.8%         (24.8%)         (4.3%)         13.7%         27.6%         216.3%         49.3%         57.8%         28.8%         22.3%         (26.0%)         11.3%         31.2%           Stock-based compensation         36.5% </td <td></td>																
Managed services       40.4%       61.7%       (8.5%)       15.2%       61.3%       3.0%       (4.2%)       14.0%       (25.0%)       (12.0%)       3.0%       3.0%       (4.0%)         Self-service       (19.6%)       96.7%       (21.7%)       6.1%       35.5%       11.9%       40.0%       23.9%       78.9%       103.8%       106.3%       114.9%       103.9%       57.5%         Total revenue - CAD       20.1%       69.6%       (12.0%)       13.4%       54.9%       5.0%       16.3%       13.5%       33.7%       34.0%       20.0%       21.7%         Sales and marketing       20.1%       69.6%       (12.0%)       15.7%       37.8%       4.3%       61.9%       22.9%       60.9%       34.4%       32.7%       40.0%       20.0%       21.5%       10.7%         Technology       20.8%       124.4%       (4.7%)       (6.4%)       18.4%       (12.3%)       (11.2%)       (3.6%)       8.9%       34.4%       32.7%       40.0%       22.9%       60.9%       34.4%       32.7%       41.9%       16.1%       11.1%       16.1%       10.7%       10.7%       10.7%       10.7%       10.7%       10.7%       10.7%       10.8%       10.9%       11.2% <td< td=""><td>EPS</td><td>(0.0%)</td><td>(0.0%)</td><td>(0.0%)</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>(0.0%)</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td></td<>	EPS	(0.0%)	(0.0%)	(0.0%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	(0.0%)	0.0%	0.0%	0.0%	0.0%	0.0%
Managed services       40.4%       61.7%       (8.5%)       15.2%       61.3%       3.0%       (4.2%)       14.0%       (25.0%)       (12.0%)       3.0%       3.0%       (4.0%)         Self-service       (19.6%)       96.7%       (21.7%)       6.1%       35.5%       11.9%       40.0%       23.9%       78.9%       103.8%       106.3%       114.9%       103.9%       57.5%         Total revenue - CAD       20.1%       69.6%       (12.0%)       13.4%       54.9%       5.0%       16.3%       13.5%       33.7%       34.0%       20.0%       21.7%         Sales and marketing       20.1%       69.6%       (12.0%)       15.7%       37.8%       4.3%       61.9%       22.9%       60.9%       34.4%       32.7%       40.0%       20.0%       21.5%       10.7%         Technology       20.8%       124.4%       (4.7%)       (6.4%)       18.4%       (12.3%)       (11.2%)       (3.6%)       8.9%       34.4%       32.7%       40.0%       22.9%       60.9%       34.4%       32.7%       41.9%       16.1%       11.1%       16.1%       10.7%       10.7%       10.7%       10.7%       10.7%       10.7%       10.7%       10.8%       10.9%       11.2% <td< td=""><td>Y/Y Growth:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Y/Y Growth:															
Self-service         (19.6%)         96.7%         (21.7%)         6.1%         35.5%         11.9%         40.0%         23.9%         78.9%         103.8%         106.3%         114.9%         57.5%           Total revenue - CAD         20.1%         69.6%         (12.0%)         13.4%         54.9%         5.4%         5.0%         16.3%         (5.3%)         13.5%         33.7%         34.0%         20.0%         21.9%           Sales and marketing         26.6%         30.4%         (32.9%)         (5.7%)         37.8%         4.3%         61.9%         22.9%         60.9%         34.4%         32.7%         (4.0%)         26.9%         10.7%           Technology         (20.8%)         124.4%         (4.7%)         18.4%         (12.3%)         (11.2%)         (3.6%)         (8.9%)         44.4%         22.3%         (26.0%)         11.1%         16.1%           General and administrative         24.7%         14.8%         (24.8%)         (4.3%)         13.7%         27.6%         216.3%         49.3%         57.8%         28.8%         22.3%         (26.0%)         11.1%         16.1%           Stock-based compensation         36.5%         27.7%         (25.8%)         (58.8%)         26.3% <td< td=""><td></td><td></td><td>40.4%</td><td>61.7%</td><td>(8.5%)</td><td>15.2%</td><td>61.3%</td><td>3.0%</td><td>(4.2%)</td><td>14.0%</td><td>(25.0%)</td><td>(12.0%)</td><td>3.0%</td><td>3.0%</td><td>(7.6%)</td><td>(4.0%)</td></td<>			40.4%	61.7%	(8.5%)	15.2%	61.3%	3.0%	(4.2%)	14.0%	(25.0%)	(12.0%)	3.0%	3.0%	(7.6%)	(4.0%)
Total revenue - CAD  20.1% 69.6% (12.0%) 13.4% 54.9% 5.0% 16.3% (5.3%) 13.5% 33.7% 34.0% 20.0% 21.9% Sales and marketing  26.6% 30.4% (32.9%) (5.7%) 37.8% 4.3% 61.9% 22.9% 60.9% 34.4% 32.7% (4.0%) 26.9% 10.7% General and administrative  24.8%) 124.4% (4.7%) (6.4%) 18.4% (12.3%) (11.2%) (3.6%) (8.9%) 4.9% 36.7% 21.5% 11.9% 10.7% Stock-based compensation  (29.2%) 24.1% (29.2%) 503.9% 1,710.8% 480.9% 168.0% 433.8% 15.7% (32.3%) (18.1%) (5.5%) (13.7%) 10.0% 10.1					. ,											
Sales and marketing  26.6% 30.4% (32.9%) (5.7%) 37.8% 4.3% 61.9% (22.9% 60.9% 34.4% 32.7% (4.0%) 26.9% 10.7% Technology  (20.8%) 124.4% (4.7%) (6.4%) 18.4% (12.3%) (11.2%) (3.6%) (8.9%) 4.9% 36.7% 21.5% 11.1% 16.1% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 36.7% 31.8% 31.2% 3			, ,													
Technology General and administrative 24.7%   14.8%   (24.8%)   (4.3%)   13.7%   27.6%   216.3%   49.3%   57.8%   28.8%   22.3%   (26.0%)   11.3%   31.2%   31					, ,						` ′					
General and administrative 24.7% 14.8% (24.8%) (4.3%) 13.7% 27.6% 216.3% 49.3% 57.8% 28.8% 22.3% (26.0%) 11.3% 31.2% Stock-based compensation (29.2%) 24.1% (29.2%) 503.9% 1,710.8% 480.9% 168.0% 433.8% 15.7% (32.3%) (18.1%) (5.5%) (13.7%) 10.0% 10					. ,									. ,		
Stock-based compensation (29.2%) 24.1% (29.2%) 503.9% 1,710.8% 480.9% 168.0% 433.8% 15.7% (32.3%) (18.1%) (5.5%) (13.7%) 10.0% Total operating expenses (IFRS) 38.6% 27.7% (25.8%) (5.8%) 26.3% 30.0% 53.2% 17.7% 33.6% 23.9% 31.6% (3.9%) 19.1% 58.9% Adj. EBITDA (28.2%) 62.6% 151.9% 154.0% 9.5% (23.9%) 15.7% 23.7% (3.0%) 15.9% 28.3% 29.7% 15.7% 23.7% 23.7% 23.7% 28.3% 29.7% 15.7% 23.7% 28.3% 29.7% 29.7%																
Total operating expenses (cash)  36.5%   27.7%   (25.8%)   (5.8%)   26.3%   3.0%   53.2%   17.7%   33.6%   23.9%   31.6%   (3.9%)   19.1%   58.9%    Total operating expenses (IFRS)  38.6%   28.5%   (21.1%)   (5.2%)   25.5%   3.8%   39.3%   15.0%   29.7%   15.7%   23.7%   (3.0%)   15.1%   15.0%    Adj. EBITDA  Operating income/(loss) (IFRS)  127.9%   (77.5%)   (499.2%)   (470.9%)   (626.5%)   17.8%   (56.4%)   34.3%   (210.4%)   (15.9%)   71.6%   216.2%   25.1%   44.2%    Adj. net income/(loss)  Net income/(loss)  Adj. EPS  (67.6%)   (67.6%)   (165.8%)   566.0%   (310.0%)   265.0%   (41.9%)   25.7%   (41.9%)   25.7%   (105.0%)   (27.1%)   5.9%   104.2%   (63.3%)   28.1%    19.1%   58.9%   15.0%   29.7%   15.7%   23.7%   23.9%   31.6%   (3.9%)   15.1%   15.0%    19.1%   58.9%   15.0%   29.7%   15.7%   23.	General and administrative		24.7%	14.8%	(24.8%)	(4.3%)	13.7%	27.6%	216.3%	49.3%	57.8%	28.8%	22.3%	(26.0%)	11.3%	31.2%
Total operating expenses (cash)  36.5%   27.7%   (25.8%)   (5.8%)   26.3%   3.0%   53.2%   17.7%   33.6%   23.9%   31.6%   (3.9%)   19.1%   58.9%    Total operating expenses (IFRS)  38.6%   28.5%   (21.1%)   (5.2%)   25.5%   3.8%   39.3%   15.0%   29.7%   15.7%   23.7%   (3.0%)   15.1%   15.0%    Adj. EBITDA  Operating income/(loss) (IFRS)  127.9%   (77.5%)   (499.2%)   (470.9%)   (626.5%)   17.8%   (56.4%)   34.3%   (210.4%)   (15.9%)   71.6%   216.2%   25.1%   44.2%    Adj. net income/(loss)  Net income/(loss)  Adj. EPS  (67.6%)   (67.6%)   (165.8%)   566.0%   (310.0%)   265.0%   (41.9%)   25.7%   (41.9%)   25.7%   (105.0%)   (27.1%)   5.9%   104.2%   (63.3%)   28.1%    19.1%   58.9%   15.0%   29.7%   15.7%   23.7%   23.9%   31.6%   (3.9%)   15.1%   15.0%    19.1%   58.9%   15.0%   29.7%   15.7%   23.	Stock-based compensation		(29.2%)	24.1%	(29.2%)	503.9%	1,710.8%	480.9%	168.0%	433.8%	15.7%	(32.3%)	(18.1%)	(5.5%)	(13.7%)	10.0%
Total operating expenses (IFRS)  38.6%   28.5%   (21.1%)   (5.2%)   25.5%   3.8%   39.3%   15.0%   29.7%   15.7%   23.7%   (3.0%)   15.1%   15.0%   Adj. EBITDA  Operating income/(loss) (IFRS)  127.9%   (77.5%)   (409.2%)   (470.9%)   (626.5%)   17.8%   (56.4%)   34.3%   (210.4%)   (15.9%)   71.6%   216.2%   25.1%   44.2%   Adj. net income/(loss)  Net income/(loss)  71.9%   (50.3%)   (165.8%)   566.0%   (310.0%)   265.0%   (40.8%)   186.0%   (301.2%)   (60.0%)   (40.4%)   160.2%   (43.4%)   Adj. EPS			,										, ,		. ,	
Adj. EBITDA   1,420.4%   241.9%   62.6%   151.9%   154.0%   9.5%   (23.9%)   28.3%   (98.9%)   (15.3%)   24.7%   99.9%   8.1%   28.3%   Operating income/(loss) (IFRS)   127.9%   (77.5%)   (49.2%)   (470.9%)   (626.5%)   17.8%   (56.4%)   34.3%   (210.4%)   (15.9%)   (15.9%)   71.6%   216.2%   25.1%   44.2%   Adj. net income/(loss)   (59.5%)   (306.3%)   175.2%   318.0%   258.7%   10.5%   (30.0%)   33.3%   (105.3%)   (22.5%)   8.7%   110.9%   (2.1%)   32.2%   Net income/(loss)   (71.9%)   (50.3%)   (165.8%)   566.0%   (310.0%)   265.0%   (40.8%)   186.0%   (301.2%)   (60.0%)   (40.4%)   160.2%   (33.4%)   64.4%   Adj. EPS   (67.6%)   167.2%   300.8%   238.2%   1.7%   (41.9%)   25.7%   (10.5%)   (27.1%)   5.9%   104.2%   (6.3%)   28.1%																
Operating income/(loss) (IFRS)     127.9%     (77.5%)     (409.2%)     (470.9%)     (626.5%)     17.8%     (56.4%)     34.3%     (210.4%)     (15.9%)     71.6%     216.2%     25.1%     44.2%       Adj. net income/(loss)     (59.5%)     (306.3%)     175.2%     318.0%     258.7%     10.5%     (39.0%)     33.3%     (105.3%)     (22.5%)     8.7%     110.9%     (2.1%)     32.2%       Net income/(loss)     71.9%     (50.3%)     (165.8%)     566.0%     (310.0%)     265.0%     (40.8%)     186.0%     (301.2%)     (60.0%)     (40.4%)     160.2%       Adj. EPS     167.2%     300.8%     238.2%     1.7%     (41.9%)     25.7%     (105.0%)     (27.1%)     5.9%     104.2%     6.3%)     28.1%					, ,	` ′										
Adj. net income/(loss)												. ,				
Net income/(loss) 71.9% (50.3%) (165.8%) 566.0% (310.0%) 265.0% (40.8%) 186.0% (301.2%) (60.0%) (40.4%) 160.2% (33.4%) 64.4% Adj. EPS 167.2% 300.8% 238.2% 1.7% (41.9%) 25.7% (105.0%) (27.1%) 5.9% 104.2% (6.3%) 28.1%																
Adj. EPS   (67.6%)   167.2%   300.8%   238.2%   1.7% (41.9%)   25.7%   (105.0%) (27.1%)   5.9%   104.2%   (6.3%)   28.1%																
			71.9%	(50.3%)	(165.8%)			265.0%	(40.8%)	186.0%	(301.2%)		(40.4%)	160.2%	(33.4%)	64.4%
EPS   38.1% (58.6%) (158.3%) NM NM 164.2% (45.4%)   150.6% (266.8%) (65.2%) (43.9%) 145.1% (40.3%)   55.2%			(67.6%)		167.2%	300.8%	238.2%	1.7%		25.7%	(105.0%)	(27.1%)	5.9%	104.2%	(6.3%)	28.1%
	EPS		38.1%	(58.6%)	(158.3%)	NM	NM	164.2%	(45.4%)	150.6%	(266.8%)	(65.2%)	(43.9%)	145.1%	(40.3%)	55.2%

Source: SEDAR Filings, ROTH Capital Partners Estimates



<sup>\*</sup>Cash OpEx defined as IFRS plus stock-based compensation and D&A

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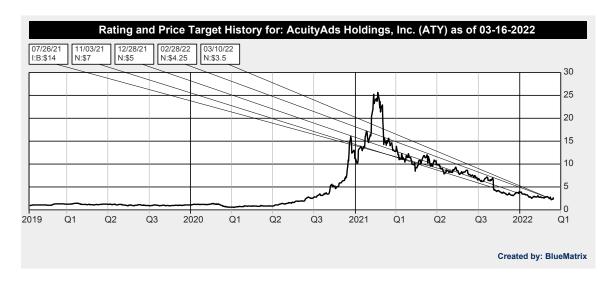
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Each box on the Rating and Price Target History chart above represents a date on which an analyst made a change to a rating or price target, except for the first box, which may only represent the first note written during the past three years. Distribution Ratings/IB Services shows the number of companies in each rating category from which Roth or an affiliate received compensation for investment banking services in the past 12 month.

### Distribution of IB Services Firmwide

IB Serv./Past 12 Mos. as of 03/18/22

Rating	Count	Percent	Count	Percent
Buy [B]	348	82.86	234	67.24
Neutral [N]	45	10.71	24	53.33
Sell [S]	0	0.00	0	0
Under Review [UR]	27	6.43	17	62.96

Our rating system attempts to incorporate industry, company and/or overall market risk and volatility. Consequently, at any given point in time, our investment rating on a stock and its implied price movement may not correspond to the stated 12month price target.

Ratings System Definitions - ROTH employs a rating system based on the following:

Buy: A rating, which at the time it is instituted and or reiterated, that indicates an expectation of a total return of at least 10% over the next 12 months.

**Neutral:** A rating, which at the time it is instituted and or reiterated, that indicates an expectation of a total return between negative 10% and 10% over the next 12 months.

Sell: A rating, which at the time it is instituted and or reiterated, that indicates an expectation that the price will depreciate by more than 10% over the next 12 months.

**Under Review [UR]:** A rating, which at the time it is instituted and or reiterated, indicates the temporary removal of the prior rating, price target and estimates for the security. Prior rating, price target and estimates should no longer be relied upon for UR-rated securities.

Not Covered [NC]: ROTH does not publish research or have an opinion about this security.

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