

June 9, 2023

# **A2Z Smart Technologies Corp. (AZ)**

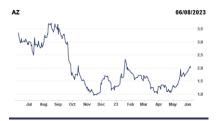
### **Narrower Focus Could Yield Greater Success**

- ▶ A lot has happened over the past few months at Cus2Mate, which we consider the crown jewel of the A2Z (AZ: Buy, PT \$18) portfolio and, as a result, we think the picture is beginning to get a bit clearer. Beginning with the change of the CEO in March and followed by several incremental wins in Israel, we believe the business plan is now both substantially more focused and possibly nearing a pivot point that a big win/deal might effect. In addition, the accelerated development of a modular design meant to be able to retrofit any cart solves multiple pain points at once and could lead to much more scalable adoption. As we have continued to say for the last several months, all it will take is one major win to significantly energize the share price, and if rumors/local reporting out of Europe prove accurate, that win may not be long in coming.
- We have had the opportunity to get to know the new CEO Guy Mordoch over the past couple of months and get a much different sense of direction than we got from the prior CEO Rafi Yam. While we thought Rafi was very well regarded within industry, he felt like the right type of leader for a true land grab startup, utilizing as many resources as he was allowed to foster pilots around the globe. Guy Mordoch, on the other hand, has substantial public and private company experience, especially around building a team for slightly more established operations, which also lends itself to our mosaic that a win might not be long in coming (we had published previously that we thought 1Q-2Q might be the right timeline). We also believe he is more focused on using the Israeli market as a showcase and funding center for global operations, which makes sense given the additional orders from Yochanonof which has, in turn, led to an initial order from HaStok in May for 1,000 carts at an investment of \$8 million USD (we think further Israeli wins or incremental orders could be forthcoming as a result). We suspect the overall narrower focus could lead to both lower losses/investment outlay and a higher likelihood of success outside of Israel, which is where success will be measured.
- ▶ To that end, there have been a lot of recent rumors and speculation coming out of Europe, and France in particular, around two key topics: 1) the elimination of scanand-go given significant shrinkage and overall challenges with security; and 2) the potential adoption of smart cart solutions as an alternative. The beauty of this pairing for A2Z is that incremental budgets need not be tapped should they manage to win a contract in any of these markets, with the further benefit of having Accenture and NCR likely both pitching the A2Z platform and providing the service contract on the back end as a differentiating factor. A contract win with any of the major European chains would be a game changer for A2Z, although the holy grail would probably be Carrefour, who was reported in the French press to be testing A2Z carts back in March. We have adjusted our model to show steady progress in the core Israeli market but would obviously need to revisit our forecast should a contract win materialize.

#### FY Dec Q1 Q2 Q3 Q4 Prior EV/EBITDA Total **EBITDA** 2022A (\$3)A(\$3)A (\$2)A (\$4)A(\$29)E (\$11)A -0x (\$41)E 2023E (\$0)E (\$11)E -0x (\$2)A (\$5)E (\$3)E 2024E (\$2)E (\$5)E (\$16)E (\$14)E -0x (\$4)E (\$3)E Revenue (m) 2022A \$1A \$1A \$3A \$4A \$9A 2023E \$5A \$3E \$4E \$4E \$35F \$15E 2024E \$6E \$8E \$10E \$11E \$146E \$35E

#### **Change in Earnings Forecast**

Rating:	Buy
Current Price	\$2.06
Price Target	\$18.00
52-Wk Range	\$0.89 - \$4.00
Market Cap (mm)	\$64
Enterprise Value (mm)	\$64
Shares Outstanding (mm)	31
Average Volume (000s)	74
Sector Weight	Overweight



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A2Z Valuation Analysis						
(\$ in millions, except per share data)						
Fiscal Year Ending December 31,	2023E	PF2024E				
Stock Price	\$2.06	\$2.06				
Revenue						
Diluted Shares	31,302	31,302				
Market Capitalization	\$64,326	\$64,326				
Total Debt	(1,578)	(1,578)				
Cash	2,272	2,272				
Enterprise Value	63,632	63,632				
Revenue	15,275	40,422				
Multiple	4.2x	1.6x				
Target Multiple		17x				
Implied Price		\$17.99				
Price Target		\$18.00				
Upside to Target		776.1%				

Source: Company reports and The Benchmark Company Estimates.



A2Z - Income Statement, 2019-2024E (\$ in thousands, except per share data)						
Fiscal Year Ending December 31,	2019	2020	2021	2022	2023E	2024
Revenues	\$1,384	\$1,068	\$2,685	9,351	15,275	34,822
YrYr. Pct. Change	-99.3%	-22.8%	0.0%	0.0%	63.3%	128.0%
COGS	(783)	(853)	(2,029)	(7,517)	(11,560)	(32,000
Pct. of Revenue	56.6%	79.9%	75.6%	80.4%	75.7%	91.9%
Gross Profit	601	215	656	1,834	3,715	2,822
Pct. of Revenue	43.4%	20.1%	24.4%	19.6%	24.3%	8.1%
YrYr. Pct. Change	-99.3%	-64.2%	205.1%	179.6%	102.6%	-24.0%
Operating expenses						
Research and Development	(414)	(418)	(3,222)	(4,462)	(4,692)	(6,292
Pct. of Revenue	29.9%	39.1%	120.0%	47.7%	30.7%	18.1%
Sales and Marketing	(87)	(108)	(102)	(475)	(492)	(492
Pct. of Revenue	6.3%	10.1%	3.8%	5.1%	3.2%	1.4%
General and Administrative	(754)	(2,365)	(6,494)	(13,599)	(16,408)	(17,408
Pct. of Revenue	54.5%	221.4%	241.9%	145.4%	107.4%	50.0%
Total Operating Expense	(1,255)	(2,891)	(9,818)	(18,536)	(21,592)	(24,192
Pct. of Revenue	90.7%	270.7%	365.7%	198.2%	141.4%	69.5%
Adjusted EBITDA	(385)	(1,862)	(7,999)	(11,048)	(10,553)	(14,046
YrYr. Pct. Change	-101.9%	-109.2%	0.0%	0.0%	-4.5%	33.1%
EBITDA margin	-64.1%	-866.0%	-297.9%	-118.1%	-69.1%	-40.3%
Depreciation and amortization	205	213	321	786	1,208	1,208
Stock based compensation & Other	64	601	842	4,868	6,116	6,116
Operating income	(\$654)	(\$2,676)	(\$9,162)	(16,702)	(17,877)	(21,370
Operating margin	-47.3%	-250.6%	-341.2%	-178.6%	-117.0%	-61.4%
operating margin	47.570	200.070	J+1.270	170.070	111.070	01.47
Other, Net	(1,792)	(3,228)	(30,895)	(254)	1,620	1,620
Financial Expense, Net	(109)	(32)	(91)	(1,391)	(872)	(872
Income before taxes	(2,555)	(5,936)	(40,148)	(18,347)	(17,129)	(20,622
Tax provisions	(380)	(17)	(142)	0	0	C
Tax percentage	-14.9%	-0.3%	-0.4%	0.0%	0.0%	0.0%
Other Comprehensive/Non-Controlling Interest	(75)	(1,311)	555	864	270	C
Net Loss Attributable to A2Z Shareholders	(\$3,010)	(\$7,264)	(\$39,735)	(\$17,483)	(\$16,859)	(\$20,622
EPS	(\$0.07)	(\$0.12)	(\$1.70)	(\$0.70)	(\$0.54)	(\$0.66
Shares Outstanding	40,455	50,275	23,341	27,682	31,302	31,302
Free Cash Flow (FCF)						
ЕВПОА	(385)	(1,862)	(7,999)	(11,048)	(10,553)	(14,046
Cash Interest	(109)	(32)	(91)	(\$49)	(\$100)	(\$100
Cash Taxes	(380)	(17)	(142)	\$0	\$0	\$0
Capital Expenditures	(28)	(227)	(412)	(\$727)	(\$56)	(\$56
Working Capital Adjustments	0	0	0	\$0	\$0	\$0
Free Cash Flow	(902)	(2,138)	(8,644)	(11,824)	(10,709)	(14,202
FCF per Diluted Share	(\$0.02)	(\$0.04)	(\$0.37)	(\$0.43)	(\$0.34)	(\$0.45
YrYr. Pct. Change						

Yr.-Yr. Pct. Change
Source: Company Reports and The Benchmark Company Estimates



A2Z - Income Statement, 2023E (\$ in thousands, except per share data) 3QE 4QE 2023E \$3,556 Revenues \$4,608 \$3,256 \$3,856 \$15,275 Yr.-Yr. Pct. Change 127.7% 34.2% 0.8% 63.3% COGS (11,560)(3,587)(1,595)(3,189)(3,189)Pct. of Revenue 54.5% 53.3% 52.5% 52.0% 75.7% **Gross Profit** \$1.021 \$367 \$667 \$3.715 \$1.661 22.2% 51.0% 10.3% 24.3% Pct. of Revenue 17.3% Yr.-Yr. Pct. Change 269.9% 687.3% -14.7% -27.3% 102.6% Operating expenses Research and Development (1,023)(1,123)(1,223)(1,323)(4,692)30.7% Pct. of Revenue 22.2% 34.5% 34.4% 34.3% Sales and Marketing (492)(123)(123)(123)(123)Pct. of Revenue 2.7% 3.8% 3.5% 3.2% 3.2% General and Administrative (4,431)(16,408)(3,905)(2,526)(5,546)Pct. of Revenue 84.7% 77.6% 156.0% 114.9% 107.4% Total Operating Expense (21,592)(5,051)(3,772)(6,892)(5,877)Pct. of Revenue 109.6% 115.9% 193.8% 141.4% 152.4% Adjusted EBITDA (2,199)(\$280)(\$4,694)(\$3,379)(\$10,553)Yr.-Yr. Pct. Change -91.0% -4.5% -12.9% 154.4% -5.6% EBITDA margin -47.7% -8.6% -132.0% -87.6% -69.1% Depreciation and amortization 302 302 302 302 1,208 Stock based compensation & Other 1,529 1,529 1,529 1,529 6,116 Operating income (\$4,030) (\$6,525)(\$17,877)(\$2,111)(\$5,210)Operating margin -87.5% -64.8% -183.5% -135.1% -117.0% Other, Net 405 405 405 405 1,620 Financial Expense, Net (218)(218)(218)(218)(872)Income before taxes (3,843)(1,924)(6,338)(5,023)(17, 129)Tax provisions 0 0 0 0 0 Tax percentage 0.0% 0.0% 0.0% 0.0% 0.0% Other Comprehensive/Non-Controlling Interest 270 0 0 0 270 Net Loss Attributable to A2Z Shareholders (\$3,573) (\$1,924)(\$6,338) (\$5,023)(\$16,859) **EPS** (\$0.11) (\$0.06)(\$0.20)(\$0.16)(\$0.54)**Shares Outstanding** 31,302 31,302 31,302 31,302 31,302 Free Cash Flow (FCF) (2,199)**EBITDA** (280)(4,694)(3,379)(10,553)Cash Interest (25)(25)(25)(25)(100)Cash Taxes 0 0 0 0 Capital Expenditures (14)(14)(14)(14)(56)Working Capital Adjustments 0 0 0 0 0 Free Cash Flow (10,709)(2,238)(319)(4,733)(3,418)FCF per Diluted Share (\$0.07)(\$0.01)(\$0.15)(\$0.11)(\$0.34) -19.9% Yr.-Yr. Pct. Change -29.7% -91.0% 108.1% -26.0%

Source: Company Reports and The Benchmark Company Estimates



A2Z - Income Statement, 2024E (\$ in thousands, except per share data) 1QE 2QE 3QE 4QE 2024E \$9,506 \$34,822 Revenues \$6,156 \$7,756 \$11,406 Yr.-Yr. Pct. Change 33.6% 138.2% 167.3% 195.8% 128.0% COGS (32,000)(6,500)(7,500)(8,500)(9.500)91.9% Pct. of Revenue 52.0% 51.5% 51.0% 50.8% **Gross Profit** (\$344)\$256 \$1.006 \$1.906 \$2.822 3.3% 10.6% 8.1% Pct. of Revenue -5.6% 16.7% Yr.-Yr. Pct. Change -84.6% 174.3% 185.9% -133.7% -24.0% Operating expenses Research and Development (1,423)(1,523)(1,623)(1,723)(6,292)Pct. of Revenue 23.1% 19.6% 17.1% 15.1% 18.1% Sales and Marketing (492)(123)(123)(123)(123)Pct. of Revenue 2.0% 1.6% 1.3% 1.1% 1.4% General and Administrative (17,408)(4,155)(2,776)(5,796)(4,681)Pct. of Revenue 67.5% 35.8% 61.0% 41.0% 50.0% Total Operating Expense (24, 192)(5,701)(4,422)(7,542)(6,527)Pct. of Revenue 92.6% 79.3% 69.5% 57.0% 57.2% Adjusted EBITDA (4,214)(\$2,335)(\$4,705) (\$2,790)(\$14,046) Yr.-Yr. Pct. Change 734.4% -17.4% 33.1% 91.7% 0.2% EBITDA margin -68.5% -30.1% -49.5% -24.5% -40.3% Depreciation and amortization 302 302 302 302 1,208 Stock based compensation & Other 1,529 1,529 1,529 1,529 6,116 Operating income (\$6,045)(\$6,536)(\$21,370)(\$4,166)(\$4,621)Operating margin -98.2% -53.7% -68.8% -40.5% -61.4% Other, Net 405 405 405 405 1,620 Financial Expense, Net (218)(218)(218)(218)(872)Income before taxes (5,858)(3,979)(6,349)(4,434)(20,622)Tax provisions 0 0 0 0 0 Tax percentage 0.0% 0.0% 0.0% 0.0% 0.0% Other Comprehensive/Non-Controlling Interest 0 0 0 0 0 Net Loss Attributable to A2Z Shareholders (\$5,858) (\$3,979)(\$6,349) (\$4,434)(\$20,622) **EPS** (\$0.19) (\$0.13)(\$0.20)(\$0.14)(\$0.66)**Shares Outstanding** 31,302 31,302 31,302 31,302 31,302 Free Cash Flow (FCF) **EBITDA** (4,214)(2,335)(4,705)(2,790)(14,046)Cash Interest (25)(25)(25)(25)(100)Cash Taxes 0 0 0 0 (14)Capital Expenditures (14)(14)(14)(56)Working Capital Adjustments 0 0 0 0 0 Free Cash Flow (4,253)(14,202)(2,374)(4,744)(2,829)FCF per Diluted Share (\$0.14)(\$0.08)(\$0.15)(\$0.09)(\$0.45) Yr.-Yr. Pct. Change 90.1% 644.6% 0.2% -17.2% 32.6%

Source: Company Reports and The Benchmark Company Estimates



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As of March 31, 2023

	All Covered Companies		Ва	stment nking ients
Buy	278	73.9%	40	10.6%
Hold	70	18.6%	5	1.3%
Speculative Buy	23	6.1%	12	3.2%
Sell	5	1.3%	0	0%

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### Benchmark Disclosures as of June 9, 2023

Company	Disclosure
A2Z Smart Technologies Corp.	3

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#### **Investment Risk**

There are a multitude of risks we see A2Z facing as they begin their journey in a relatively nascent marketplace. Although they already have 1 commercial order for \$6 million and 3 pilots signed, there is no guarantee that they will be successful in winning new business or expanding existing relationships. There is also substantial competition in the space, with established big names and new startups entering on a regular basis. COVID-19 has created substantial headwinds for the entire industry as well. Even with some initial wins on the books, A2Z is still effectively in start-up mode and will likely require additional capital infusions to fund growth. And, as is often the case in newly created, early-stage markets, valuation remains highly subjective.

#### **Valuation Methodology**

As is often the case in newly created, early-stage markets, valuation remains highly subjective. If public estimates are accurate, Caper was acquired by Instacart for ~35x revenue. We also believe Standard Cognition and Tracxpoint carry private valuations north of \$1 billion. However, there are no real public yardsticks by which to compare A2Z, and thus we are left to rely on an EV/Revenue multiple based off of a model that has a multitude of unknown variables around order size, timing and SaaS uplift. While growth multiples have come in substantially, even using half the Caper multiple at 17.5x yields our \$18 per share price target. We note that our target does not include any incremental value from the other A2Z business segments, which we view as free as optionality.

#### **Price Charts**

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