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TMT: Internet

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Stock Rating	BUY
	Unchanged
Price Target	¢400 00

Tice rarget \$100.00
Unchanged

TR to Target	57.1%
Price (Oct. 4, 2022)	\$63.66
52-Wk Range	\$111.64-\$41.21
Market Cap (\$M)	\$30,939
ADTV	4,201,888
Shares Out (M)	486
Short Interest Ratio/% Of Floa	at 3.9%
Enterprise Value (\$M)	\$29,726
Cash & Equivalents (\$M)	\$1,213
Total Debt (\$M)	\$0

11 Page Document

Reasons for this report

- Updating Estimates
- ✓ Investor Day Takeaways

The Trade Desk, Inc. (TTD)

AD Highlights Consistency of Vision/Strategy + CTV/Shopper Mktg as Key Growth Drivers; Buy/\$100 PT

At a well attended event yesterday, TTD hosted its third Analyst Day as a public company, displaying a deep bench of executives and highlighting its strong differentiated DSP positioning, product innovation and strategy, which has enabled it to consistently outstrip Street expectations/gain market share, and should help it sustain a strong performance over the next several years driven by CTV and Shopper Mktg. What struck us most at the event is the consistency of the message, the mission and the opportunity vs. what we heard in 2017 and again in 2019. We remain fans of TTD with a Buy/\$100 PT

The Trade Desk hosted its 3rd Analyst Day with presentations from Founder and CEO Jeff Green, Founder and CTO Dave Pickles, CFO Blake Grayson, and other members of the senior leadership. The sessions included a Solimar demo, update on the company's vision and strategy and presentations on CTV, Shopper Marketing, Solimar, and UID2 to support the open internet. Overall, we walked away incrementally bullish on the company's strategy to win, on the growth prospects from the secular tailwind of CTV (\$16B TAM today) and of Shopper Marketing (which is brand new for TTD, and could unlock an incremental \$100B TAM), all against a backdrop of TTD being the largest, objective DSP in the open internet. Of note, CEO Jeff Green highlighted that whereas Search and Social have historically dominated the online ad ecosystem and have been advertisers' #1 priority, CTV is now becoming marketers' first dollar spent given the significant adoption of streaming content and the "always logged-in" user base. Additionally, whereas Social tries to combat privacy and targeting changes, CTV and Shopper Marketing are seeing fewer of those headwinds, giving TTD a competitive advantage with advertisers. We recognize that the company is not immune to the weakening global economy, geo-political events, and Apple's (AAPL, NR) ATT, but TTD remains one of our favorite SMID stock picks.

Brief preview of 3Q22 results. While TTD did not update its 3Q22 outlook of "at least \$385M in revenue", mgmt. reiterated that the company should deliver strong relative results and continue to capture market share even in an economic downturn. CFO Blake Grayson reiterated the company's 40% LT EBITDA margin target that was presented at TTD's investor day in 2019 (which we find overly conservative since we note that FY21 Adj. EBITDA margin was already at 42%), and noted that this could be higher but the company continues to favor profitable growth and plans to attack the several growth vectors ahead of it. For 3Q22, we estimate that TTD will show +28% top-line growth (to \$386M), a deceleration from 43% in 1Q and 35% in 2Q22 but strong nonetheless considering TTD is lapping a moderately tough comp period of +39% y/y in 3Q21. We expect EBITDA margin to come in at 36%, down from 41% a year ago and vs. 37% in 2Q as TTD also laps suppressed OpEx levels following the onset of the pandemic in 2020. However, comps should see tailwinds in 2H22 from midterm elections and increased political spend, which mgmt. expects should represent low single-digit share as a % of revenues, and is baked into guidance. We are slightly tweaking FY23 estimates, reflecting the impact of FX headwinds as TTD generates ~10% of revenues outside of the U.S. (see tables on pages 2, 3), and we note our WACC in our DCF moves to 10% (from 9%) reflecting the higher rate environment (our PT remains unchanged at \$100).

Revenue (\$M)	2021E		2022E			2023E	
FYE Dec		New	Old	Cons	New	Old	Cons
Q1	\$219	\$315					
Q2	\$280	\$377					
Q3	\$301	\$386					
Q4	\$396	\$499					
Year	\$1,197	\$1,577		\$1,590	\$1,990	\$2,000	\$1,977
EV/Sales	24.8x	18.8x			14.9x		

CTV displacing linear TV; #1 growth driver for next several years. We expect CTV spending to continue to outpace overall revenue growth in 3Q, accounting for TTD's fastest growing channel. At its AD, TTD quantified the opportunity in connected-TV as a ~\$16B TAM in 2022 (of which we estimate TTD has low-to-mid teens %), which is still a fraction of the linear TV market of \$250B, highlighting the material growth opportunity ahead. Notably, CEO Jeff Green believes that 1Q23 will mark an inflection point in CTV as a huge amount of inventory should come to market from Netflix (NFLX, Hold, Thornton), Dinsey (DIS, Buy, Thornton), and HBO+ (owned by Warner Bros Discover, WDB, NR) as they introduce their AVOD streaming services. These services should increase CTV content consumption, increase ad inventory, and drive greater marketing dollars to CTV away from linear TV as a result. We see this coming as well given 1) users are consuming more content via CTV at the expense of linear TV even around content like sports, which historically was the backbone of linear TV, and 2) CTV is relatively more insulated from privacy changes with advertisers leveraging users logged in via email addresses and/or usernames rather than relying on cookies, making it more compelling to marketers. International is another driver of growth for CTV given how under-penetrated it is in the ROW relative to the U.S, especially considering that int'l accounts for roughly 2/3 of the global advertising TAM.

Shopper Marketing, still emerging but likely #2 growth driver for TTD. While still in the very early innings, we believe the Shopper Marketing opportunity presents a significant runway for growth as it broadens TTD's TAM. Mgmt estimates that with Shopper Marketing, a \$500B TAM, Retail Media/Promotions TAM, which TTD is pursuing is \$100B+ (GroupM estimate). At AD, mgmt. reiterated its expectations for this emerging segment to be the second largest growth driver for the business behind CTV over the next 5 years. As a reminder in 2Q, TTD had its second full quarter with its first Retail Media partners Walmart (WMT, Hold, Ciccarelli), and saw it deliver its strongest quarter yet, delivering "significant" Q/Q growth. Other partners who followed on the heels of Walmart include Drizly (UBER, Buy, Squali), Target (TGT, Hold, Ciccarelli), and Walgreens (WBA, Hold, MacDonald) earlier this year, and more recently Albertsons (ACI, NR). These partnerships are starting to show green shoots with BIC, a large French advertiser who activated Walmart's DSP seeing ~6x increase in ROAS for men's and women's razors (per TTD).

100% Solimar adoption within one year shows a compelling value proposition. We walked away incrementally positive on Solimar given teh advances in features and functionality it offers relative to NextWave, the last upgrade from 2018. Solimar is The Trade Desk's biggest platform update in history, and was launched just over a year ago. It reached 100% adoption among TTD's customers in 2Q and has shown to improve advertisers' efficiency in buying programmatic inventory through the company. We believe the Solimar upgrade presents a myriad of advantages for advertisers, including 1) more detailed campaign goal-setting, which should make it easier for the company to win performance-based budgets over time; 2) Solimar also enables more efficient onboarding and activation of 1P data; and 3) more efficient comparison and measurement among various channels, so advertisers and agencies can not only compare two similar channels, like Pandora (private) to Spotify (SPOT, Thornton, Buy) in efficacy and cost, but also Spotify to CBS (Paramout Global, PARA, NR), NBC (Comcast, CMCSA, G. Miller, Hold), or Disney/Hulu (DIS, Thornton, Buy).

UID2 gaining greater adoption and helping make the open internet work better in a post cookies world. The Trade Desk's initiative around UID2 is helping advertisers unlock customer data and better target audiences in the wake of IDFA and cookie deprecation, all the while doing so in a privacy safe way. The company highlighted at AD that 500+ companies have now partnered and signed on to integrate and adopt UID2, which works across all channels for markets and is interoperable with their various other ad campaigns. UID2 also provides effective comparison and measurability capabilities for performance measuring, and gives advertisers more control over the directional spend of their ad dollars (as opposed to a walled-garden ecosystem where advertisers have relatively less control). Made In Cookware (private), a DTC kitchen brand that manufactures cookware, partnered with its agency, Tatari, to incorporate UID2 as its identity solution, and saw a 22% increase in conversion, 20% improvement in CPA, and 33% faster conversion rate; additionally, FUBO TV incorporated UID2 and saw 62% y/y increase in ad spend, 25% increase in ad impressions, and 14% improvement in advertiser ROAS on its platform. We believe that UID2 presents a win-win-win scenario for consumers, publishers, and advertisers in an ad world without cookies, and has the potential to be a new common currency for open internet advertising, as it solves the identity problem when cookies go away.

Positioned for success LT. We are bullish on the long-term trajectory of TTD's business and believe it is riding the wave of many secular trends in the digital ad ecosystem, especially CTV and including others, such as Shopper Marketing, audio and programmatic. Further, TTD stands to benefit from being an independent, pure play DSP that's free of the conflicts of many of its competitors and in a position to continue investing in longer-term initiatives. TTD has positioned itself to benefit from an ad ecosystem more focused on data-driven spending, measurement, and attribution.

Our 3Q22 estimates vs. consensus

KPI		3Q22	
INF1	Truist Securities	Consensus	Guidance
Revenues (\$M)	386	386	≥\$385M
Y/Y Growth	28%	28%	~28%
Operating Income	(8)	8	
Margin (%)	-2%	2%	
Adj. EBITDA	140	141	\$140M
Margin (%)	36%	36%	36%
GAAP EPS	(\$0.01)	\$0.00	

Source: FactSet, Truist Securities Estimates

Our FY22 and FY23 estimates vs. consensus

KPI	FY2	2		FY23				
KPI	Truist Securities	Consensus	New Ests	Old Ests	Consensus			
Revenues (\$M)	1,577	1,590	1,990	2,000	1,977			
Y/Y Growth	32%	33%	26%	27%	25%			
Operating Income	53	81	416	413	313			
Margin (%)	3%	5%	21%	21%	16%			
Adj. EBITDA	629	630	808	805	771			
Margin (%)	40%	40%	41%	42%	39%			
GAAP EPS	\$0.04	\$0.07	\$0.65	\$0.32	\$0.41			

Source: FactSet, Truist Securities Estimates

Valuation/Risks. We derive our \$100 PT using a 7-year DCF, which implies an EV/Sales multiple of 25x our FY23 estimates vs. the stock currently trading at 15x. While the stock is not cheap, we note that TTD has been able to deliver stronger than expected top-line growth while being highly profitable, delivering 37% Adj. EBITDA margin in 2Q22, on track to deliver sustained 40-50% over time by our ests. This out-performance has been consistent since IPO in 2016. Risks to our rating include uncertainty around the re-opening, execution mishaps given elevated growth expectations, competition putting pressure on take rates, loss of major clients, and adverse effects from industry changes.

Last updated 10/5/22

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Truist Securities TTD - Income Statement 315.3 377.0 498.7 466.7 489.5 653.2 Net revenue 386.3 380.9 Y/Y change 43% 35% 28% 26% 21% 24% 27% 31% Quarterly revs as % of annual revs 20% 24% 24% 32% 24% 30% 31% 41% Operating expenses 20.3% 19.5% 2.5% 29.1% 23.6% 22.5% 4.9% 33.5% Platform operations (57.9) (62.7)(65.3) (78.9) (69.3)(76.1) (80.2) (100.2)27.4% 19.6% Y/Y change 34.2% 28.3% 26.1% 21.3% 22.9% 27.1% % of revenue 18.4% 16.6% 16.9% 15.8% 18.2% 16.3% 16.4% 15.3% (54.2) (72.1)(77.3)(82.1) (96.9) (106.4) Sales and marketing (64.8)(88.4) Y/Y change 28.7% 52.8% 54.0% 38.7% 19.6% 22.6% 25.4% 29.7% % of revenue 17.2% 19.1% 20.0% 16.5% 17.0% 18.9% 19.8% 16.3% Technology and development (64.3) (59.3) (75.1) (78.1) (82.6) (49.6) (61.3) (62.9) Y/Y change 31.1% 54.8% 41.1% 38.7% 19.6% 22.6% 24.2% 28.4% % of revenue 15.7% 16.3% 16.3% 12.9% 15.6% 16.1% 12.6% (54.0) (54.6) (54.2) (65.5) (67.8) (72.9) Y/Y change 33.5% 37.1% 34.7% 18.4% 21.3% 24.2% 28.4% 14.5% Stock-based compensation (124.9) (125.2) (133.9) (141.0) (83.0) (77.5) (62.5) (113.5) Y/Y change 138.6% 177.0% 288.4% -31.3% -33.6% -38.1% -53.3% -19.6% % of revenue (332.4) (393.9) (423.1) (330.5) (382.5) (385.6) (475.6) Y/Y change 56.8% 72.1% 78.5% 0.5% -0.6% 1.9% -2.1% 12.4% % of revenue 105.4% 99.5% 102.0% 84.8% 86.8% 82.0% 78.8% 72.8% Operating income (17.1) 1.7 (7.6) 75.6 50.3 84.2 103.9 177.7 -319.1% -97.2% 109.5% -398.0% -395.2% 4731.2% 1463.1% 135.1% -5.4% 0.5% -2.0% 15.2% 13.2% 18.0% 21.2% 27.2% Total other income/(expense) (0.3) 0.3 0.4 0.7 0.5 1.0 1.6 3.7 Profit/(loss) before tax (17.3)2.1 (7.3)76.2 50.9 85.2 105.5 181.3 Income tax expense 2.7 (21.2)1.5 (16.0) (10.7)(17.9) (22.2)(38.1) Effective tax rate 16% 1016% 21% 21% 21% 21% 21% 21% Net income/(loss) (14.6)(19.1)(5.7)60.2 40.2 67.3 83.3 143.3 21.9% Net income/(loss) attributable to common shareholders (14.6) (19.1) (5.7) 60.2 40.2 67.3 83.3 143.3 -1.5% Diluted EPS (\$0.03) (\$0.04) (\$0.01) \$0.12 \$0.08 \$0.13 \$0.16 \$0.28 -1526% -141% 639% -362% -435% 133% Y/Y change -166% -109% Adjusted EBITDA: (14.6) (19.1) (5.7) 40.2 67.3 83.3 143.3 Add: Depreciation and amortization 12.3 13.2 13.4 13.6 13.8 14.2 12.4 13.3 Add: Stock-based compensation 124.9 125.2 133.9 141.0 83.0 77.5 113.5 Add: Interest expense 1.1 (0.7) (0.4) (0.7) (0.5) (1.0) (1.6) (3.7) Change in fair value of preferred stock warrant liabilities Add: Provision for (benefit from) income taxes (2.7) 21.2 (1.5) 16.0 10.7 17.9 22.2 38.1 Add: Other 0.0 Adjusted EBITDA 121.0 138.9 139.5 229.8 146.7 175.3 180.2 305.4 Y/Y Change 71.6% 17.8% 13.7% 20.0% 21.3% 26.2% 32.9% 29.1% EBITDA margir 38.4% 36.9% 36.1% 46.1% 38.5% 37.6% 36.8% 46.7% Incremental EBITDA margin Adjusted earnings: Net income/(loss) attributable to common shareholders 67.3 143.3 124.9 125.2 133.9 141.0 77.5 62.5 113.5 Add: Acq. and related items, including amort. of acq. intangibles 0.0 0.0 0.0 0.0 0.0 0.0 Add: Other 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Tax effect of adjustme Adjusted profit 1047 98.6 128 1 201 3 123 2 144 8 145 8 256.7 Y/Y change 49.5% 11.8% 43.6% -3.3% 17.7% 46.8% 13.8% 27.5% 33 2% 26.2% 33 2% 40.4% 31.0% 29.8% 39.3% \$0.21 \$0.20 \$0.40 \$0.24 \$0.28 \$0.28 \$0.50 49% 43% 15% 44% 12% 25% Adjusted diluted weighted avg shares 499.8 502.3 504.8 507.3 509.9 512.4 515.0 517.6 0.4% 1.1% 0.6% 2.0% 2.0% 2.0% 2.0% Adjusted free cash flow Adjusted EBITDA 121 0 138 9 139.5 229 8 146 7 175.3 180.2 305.4 Less: Capital expenditures (10.0) (5.8)(5.3)(6.2)(5.0)(6.6) (7.5)(10.8)Other and cash taxe (0.4) (15.2) (10.2) (17.0) (21.1) (36.3) Adjusted free cash flow 114.4 132.7 135.7 208.4 131.5 151.7 151.6 258.3

Source: Company filings and Truist Securities Estimates

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(data in millions, except per chare data)	EV24A	FY22E	EV22E	EV24E	FY25E	EVACE	EVAZE	EV20E	EVANE	FY30E	CAG
(data in millions, except per share data)	FY21A	FY22E	FY23E	FY24E	FY25E	FY26E	FY27E	FY28E	FY29E	FY30E	2021-202
Net revenue	1,196.5	1,577.3	1,990.3	2,509.6	3,130.4	3,864.6	4,723.6	5,804.3	7,098.9	8,642.8	26
Y/Y change Quarterly revs as % of annual revs	43.1%	31.8%	26.2%	26.1%	24.7%	23.5%	22.2%	22.9%	22.3%	21.7%	
Operating expenses Platform operations	(205.6)	(264.8)	(325.8)	(400.5)	(474.6)	(556.7)	(646.4)	(754.5)	(876.7)	(1,014.0)	225
Y/Y change	21.0%	28.8%	23.0%	22.9%	18.5%	17.3%	16.1%	16.7%	16.2%	15.7%	
% of revenue	17.2%	16.8%	16.4%	16.0%	15.2%	14.4%	13.7%	13.0%	12.3%	11.7%	
Sales and marketing	(198.6)	(285.6)	(356.5)	(445.0)	(549.5)	(671.6)	(812.7)	(988.6)	(1,197.1)	(1,442.8)	28
Y/Y change	37.0%	43.8%	24.8%	24.8%	23.5%	22.2%	21.0%	21.6%	21.1%	20.5%	
% of revenue Technology and development	16.6% (168.3)	18.1% (238.1)	17.9% (295.1)	17.7% (353.5)	17.6% (418.9)	17.4% (491.3)	17.2% (570.4)	17.0% (665.9)	16.9% (773.7)	16.7% (894.9)	24
Y/Y change	29.5%	41.4%	23.9%	19.8%	18.5%	17.3%	16.1%	16.7%	16.2%	15.7%	25
% of revenue	14.1%	15.1%	14.8%	14.1%	13.4%	12.7%	12.1%	11.5%	10.9%	10.4%	
General and administrative	(161.6)	(211.1)	(260.4)	(303.7)	(350.4)	(400.2)	(452.4)	(514.2)	(581.8)	(655.2)	20
Y/Y change	19.7%	30.6%	23.3%	16.6%	15.4%	14.2%	13.1%	13.7%	13.1%	12.6%	
% of revenue	13.5%	13.4%	13.1%	12.1%	11.2%	10.4%	9.6%	8.9%	8.2%	7.6%	
Stock-based compensation	(337.4)	(525.0)	(336.4)	(376.3)	(432.0)	(463.7)	(519.6)	(580.4)	(638.9)	(777.9)	7
Y/Y change	201.9%	55.6%	-35.9%	11.9%	14.8%	7.4%	12.0%	11.7%	10.1%	21.7%	
% of revenue	28.2%	33.3%	16.9%	15.0%	13.8%	12.0%	11.0%	10.0%	9.0%	9.0%	
otal operating expenses	(1,071.7)	(1,524.6)	(1, 574.1) 3.2%	(1, 879.0) 19.4%	(2,225.4)	(2,583.4)	(3,001.5) 16.2%	(3,503.7) 16.7%	(4,068.1)	(4,784.7) 17.6%	1
Y/Y change % of revenue	54.9% 89.6%	42.3% 96.7%	79.1%	74.9%	18.4% 71.1%	16.1% 66.8%	63.5%	60.4%	16.1% 57.3%	55.4%	
perating income	124.8	52.6	416.1	630.5	905.0	1,281.2	1,722.1	2,300.6	3,030.8	3,858.1	59
Y/Y change	-13.4%	-57.8%	690.5%	51.5%	43.5%	41.6%	34.4%	33.6%	31.7%	27.3%	
% of revenue	10.4%	3.3%	20.9%	25.1%	28.9%	33.2%	36.5%	39.6%	42.7%	44.6%	
otal other income/(expense)	(2.8)	1.1	6.7	8.1	12.3	16.1	20.9	27.4	35.4	45.8	
rofit/(loss) before tax	122.0	53.7	422.9	638.7	917.3	1,297.2	1,743.0	2,327.9	3,066.3	3,903.9	
come tax expense	15.7	(32.9)	(88.8)	(134.1)	(192.6)	(272.4)	(366.0)	(488.9)	(643.9)	(819.8)	
Effective tax rate	-13%	61%	21%	21%	21%	21%	21%	21%	21%	21%	
et income/(loss)	137.8	20.8	334.1	504.6	724.6	1,024.8	1,377.0	1,839.1	2,422.3	3,084.1	49
% of revenue	11.5%	1.3%	16.8%	20.1%	23.1%	26.5%	29.2%	31.7%	34.1%	35.7%	
et income/(loss) attributable to common shareholders	137.8	20.8	334.1	504.6	724.6	1,024.8	1,377.0	1,839.1	2,422.3	3,084.1	49
% of revenue	11.5%	1.3%	16.8%	20.1%	23.1%	26.5%	29.2%	31.7%	34.1%	35.7%	
iluted EPS	\$0.28	\$0.04	\$0.65	\$0.97	\$1.37	\$1.92	\$2.56	\$3.39	\$4.44	\$5.63	47
Y/Y change	-44%	-85%	1472%	49%	42%	40%	33%	33%	31%	27%	
djusted EBITDA: let income	137.8	20.8	334.1	504.6	724.6	1,024.8	1,377.0	1,839.1	2,422.3	3,084.1	
dd: Depreciation and amortization	42.2	51.1	55.1	56.9	51.2	48.7	48.5	52.3	61.8	75.5	
dd: Stock-based compensation	337.4	525.0	336.4	376.3	432.0	463.7	519.6	580.4	638.9	777.9	
dd: Interest expense	1.0	(0.6)	(6.7)	(8.1)	(12.3)	(16.1)	(20.9)	(27.4)	(35.4)	(45.8)	
hange in fair value of preferred stock warrant liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
dd: Provision for (benefit from) income taxes	(15.7)	32.9	88.8	134.1	192.6	272.4	366.0	488.9	643.9	819.8	
					0.0	0.0	0.0	0.0	0.0	0.0	
dd: Other	0.0	0.0	0.0	0.0							
dd: Other djusted EBITDA	502.7	629.3	807.6	1,063.8	1,388.2	1,793.6	2,290.2	2,933.3	3,731.5	4,711.5	2
dd: Other djusted EBITDA Y/Y Change	502.7 77.2%	629.3 25.2%	807.6 28.3%	1,063.8 31.7%	1,388.2 30.5%	1,793.6 29.2%	27.7%	28.1%	27.2%	26.3%	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin	502.7 77.2% 42.0%	629.3 25.2% 39.9%	807.6 28.3% 40.6%	1,063.8 31.7% 42.4%	1,388.2 30.5% 44.3%	1,793.6 29.2% 46.4%	27.7% 48.5%	28.1% 50.5%	27.2% 52.6%	26.3% 54.5%	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin ncremental EBITDA margin	502.7 77.2%	629.3 25.2%	807.6 28.3%	1,063.8 31.7%	1,388.2 30.5%	1,793.6 29.2%	27.7%	28.1%	27.2%	26.3%	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin ccremental EBITDA margin djusted earnings:	502.7 77.2% 42.0% 61%	629.3 25.2% 39.9% 33%	807.6 28.3% 40.6% 43%	1,063.8 31.7% 42.4% 49%	1,388.2 30.5% 44.3% 52%	1,793.6 29.2% 46.4% 55%	27.7% 48.5% 58%	28.1% 50.5% 60%	27.2% 52.6% 62%	26.3% 54.5% 63%	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin coremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders	502.7 77.2% 42.0% 61%	629.3 25.2% 39.9% 33% 20.8	807.6 28.3% 40.6% 43% 334.1	1,063.8 31.7% 42.4% 49% 504.6	1,388.2 30.5% 44.3% 52% 724.6	1,793.6 29.2% 46.4% 55%	27.7% 48.5% 58% 1,377.0	28.1% 50.5% 60% 1,839.1	27.2% 52.6% 62% 2,422.3	26.3% 54.5% 63% 3,084.1	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin coremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation	502.7 77.2% 42.0% 61%	629.3 25.2% 39.9% 33%	807.6 28.3% 40.6% 43%	1,063.8 31.7% 42.4% 49%	1,388.2 30.5% 44.3% 52%	1,793.6 29.2% 46.4% 55%	27.7% 48.5% 58%	28.1% 50.5% 60%	27.2% 52.6% 62%	26.3% 54.5% 63%	2
dd: Other djusted EBITDA YY Change EBITDA margin coremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles	502.7 77.2% 42.0% 61% 137.8 337.4	629.3 25.2% 39.9% 33% 20.8 525.0	807.6 28.3% 40.6% 43% 334.1 336.4	1,063.8 31.7% 42.4% 49% 504.6 376.3	1,388.2 30.5% 44.3% 52% 724.6 432.0	1,793.6 29.2% 46.4% 55% 1,024.8 463.7	27.7% 48.5% 58% 1,377.0 519.6	28.1% 50.5% 60% 1,839.1 580.4	27.2% 52.6% 62% 2,422.3 638.9	26.3% 54.5% 63% 3,084.1 777.9	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin cremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6)	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1)	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0	27.7% 48.5% 58% 1,377.0 519.6 0.0	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0	
dd: Other djusted EBITDA Y/Y Change EBITDA margin ccremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6) 455.6	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 0.0 670.5	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 0.0 880.9	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0 1,488.6	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 0.0	
dd: Other djusted EBITDA YY Change EBITDA margin coremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit YY change	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 (19.6) 455.6 35.7%	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9%	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 0.0 670.5 25.9%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4%	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 0.0 1,156.6 31.3%	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0 1,488.6 28.7%	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4%	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6%	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5%	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 3,861.9 26.2%	
dd: Other djusted EBIDA Y/Y Change EBITDA margin cremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit Y/Y change Net margin	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6) 455.6 35.7% 38.1%	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% 33.8%	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 0.0 880.9 31.4% 35.1%	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9%	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5%	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2%	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6% 41.7%	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5% 43.1%	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 3,861.9 26.2% 44.7%	2
dd: Other ### dijusted EBITDA Y/Y Change ### EBITDA margin ### dijusted earnings: ### ti ncome/(loss) attributable to common shareholders ### dis Share-based compensation ### did: Acq. and related items, including amort. of acq. intangibles ### did: Other ### ti act of adjustments ### dijusted profit ### //Y change Net margin ### dijusted EPS	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6) 455.6 35.7% 38.1%	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% 33.8% \$1.06	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% 35.1% \$1.69	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9% \$2.19	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% \$2.79	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6% 41.7% \$4.46	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5% 43.1% \$5.62	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 0.0 3,861.9 26.2% 44.7% \$7.06	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin cremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit Y/Y change Net margin djusted EPS Y/Y change	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 (19.6) 455.6 35.7% 38.1% \$0.91	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% 33.8% \$1.06	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% \$1.31 23%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% 35.1% \$1.69	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9% \$2.19	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% \$2.79	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6% 41.7% \$4.46	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5% 43.1% \$5.62 26%	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 3,861.9 26.2% 44.7% \$7.06	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin coremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit Y/Y change Net margin djusted EPS Y/Y change	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6) 455.6 35.7% 38.1%	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% 33.8% \$1.06	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% 35.1% \$1.69	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9% \$2.19	1,793.6 29.2% 46.4% 55% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% \$2.79	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6% 41.7% \$4.46	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5% 43.1% \$5.62	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 0.0 3,861.9 26.2% 44.7% \$7.06	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin ccremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit y/Y change Net margin djusted EPS Y/Y change djusted diluted weighted avg shares y/Y change	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6) 455.6 35.7% 38.1% \$0.91 33% 499.3	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% \$1.06 16% 503.6	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7% \$1.31 23%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% \$1.69 29% 522.0	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9% \$2.19	1,793.6 29.2% 46.4% 555% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% \$2.79 27% 534.2	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52 26% 538.6	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6% 41.7% 542.1	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5% 43.1% 43.1% 545.62 26% 545.0	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 3,861.9 26.2% \$7.06 26% 547.3	2
dd: Other djusted EBITDA Y/Y Change EBITDA margin coremental EBITDA margin djusted earnings: et income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit y/Y change Net margin djusted EPS Y/Y change djusted diluted weighted avg shares y/Y change djusted free cash flow:	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 0.0 (19.6) 455.6 35.7% 38.1% \$0.91 33% 499.3	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% \$1.06 16% 503.6	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7% \$1.31 23%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% \$1.69 29% 522.0	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9% \$2.19	1,793.6 29.2% 46.4% 555% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% \$2.79 27% 534.2	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52 26% 538.6	28.1% 50.5% 60% 1,839.1 580.4 0.0 0.0 2,419.5 27.6% 41.7% 542.1	27.2% 52.6% 62% 2,422.3 638.9 0.0 0.0 3,061.3 26.5% 43.1% 43.1% 545.62 26% 545.0	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 3,861.9 26.2% \$7.06 26% 547.3	2:
dd: Other djusted EBITDA Y/Y Change EBITDA margin ncremental EBITDA margin djusted earnings: tet income/(loss) attributable to common shareholders dd: Share-based compensation dd: Acq. and related items, including amort. of acq. intangibles dd: Other ax effect of adjustments djusted profit Y/Y change Net margin djusted EPS Y/Y change djusted djusted weighted avg shares Y/Y change djusted free cash flow: djusted EBITDA ess: Capital expenditures	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 (19.6) 455.6 35.7% 38.1% 50.91 33% 499.3 1.9%	629.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% \$1.06 69%	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7% \$1.31 23% 513.7 2.0%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% 35.1% \$1.69 29% 522.0 1.6%	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 36.9% \$28.7 1.3%	1,793.6 29.2% 46.4% 555% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% \$2.79 27% 534.2 1,793.6 (38.9)	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52 26% 538.6 0.8%	26.1% 50.5% 60% 1.839.1 580.4 0.0 0.0 2.419.5 27.6% 41.7% \$4.46 27% 542.1 0.7%	27.2% 52.6% 62% 628, 2.422.3 638.9 0.0 0.0 3.061.3 26.5% 43.1% \$5.62 0.5%	26.3% 54.5% 63% 3,084.1 777.9 0.0 0.0 3,861.9 26.2% 44.7% \$7.06 26% 44.7%	27
Add: Other Adjusted EBITDA Y/Y Change EBITDA margin Adjusted earnings: Net income/(loss) attributable to common shareholders Add: Acq. and related items, including amort. of acq. intangibles Add: Other Tax effect of adjustments Adjusted profit Y/Y change Net margin Adjusted EPS Y/Y change Adjusted BPS Y/Y change Adjusted diluted weighted avg shares	502.7 77.2% 42.0% 61% 137.8 337.4 0.0 (19.6) 455.6 35.7% 38.1% \$0.91 33% 499.3 1.9%	29.3 25.2% 39.9% 33% 20.8 525.0 0.0 (13.1) 532.7 16.9% 33.8% 503.6 0.9%	807.6 28.3% 40.6% 43% 334.1 336.4 0.0 0.0 670.5 25.9% 33.7% 513.7 2.0%	1,063.8 31.7% 42.4% 49% 504.6 376.3 0.0 0.0 880.9 31.4% 51.69 29% 522.0 1.6%	1,388.2 30.5% 44.3% 52% 724.6 432.0 0.0 0.0 1,156.6 31.3% 528.7 1.3%	1,793.6 29.2% 46.4% 555% 1,024.8 463.7 0.0 0.0 1,488.6 28.7% 38.5% 27% 534.2 1,0%	27.7% 48.5% 58% 1,377.0 519.6 0.0 0.0 1,896.6 27.4% 40.2% \$3.52 26% 538.6 0.8%	26.1% 50.5% 60% 1.839.1 580.4 0.0 0.0 2.419.5 27.6% 44.7% 542.1 0.7%	27.2% 52.6% 62% 2.422.3 638.9 0.0 0.0 3.061.3 26.5% 43.1% 55.62 26% 545.0 0.5%	26.3% 54.5% 63% 3.084.1 777.9 0.0 0.0 3.861.9 26.2% 44.7% 547.3 0.4%	25 25 25 25 25 25 25 25 25 25 25 25 25 2

Source: Company filings and Truist Securities Estimates

TRUIST HH **Truist Securities**

"Required Disclosures" are on the last tab of the workbook Youssef Squali - (212) 303-4180 Naved Khan - (212) 590-0994 Robert Zeller - (212) 319-3917

The Trade Desk, Inc DCF									CAGF
(data in millions, except per share data)	FY23E	FY24E	FY25E	FY26E	FY27E	FY28E	FY29E	FY30E	2021-202
Free Cash Flow (FCF)									
Revenue	1,990.3	2,509.6	3,130.4	3,864.6	4,723.6	5,804.3	7,098.9	8,642.8	26%
EBITDA	807.6	1,063.8	1,388.2	1,793.6	2,290.2	2,933.3	3,731.5	4,711.5	29%
Less: Depreciation	(55.1)	(56.9)	(51.2)	(48.7)	(48.5)	(52.3)	(61.8)	(75.5)	3%
EBITA	752.5	1,006.9	1,337.0	1,744.9	2,241.7	2,881.0	3,669.7	4,636.0	31%
Less: Taxes at 21%	(158.0)	(211.4)	(280.8)	(366.4)	(470.8)	(605.0)	(770.6)	(973.6)	31%
Add: Depreciation	55.1	56.9	51.2	48.7	48.5	52.3	61.8	75.5	3%
Less: Capital Expenditures	(29.9)	(33.0)	(36.0)	(38.9)	(41.6)	(51.1)	(62.5)	(76.1)	-8%
Unlevered Free Cash Flow	619.7	819.4	1,071.4	1,388.3	1,777.9	2,277.2	2,898.4	3,661.8	32%
Present Value of Cash Flows									
2030 Terminal Value	40.460.6	44.304.4	48.513.3	53,122.0	58.168.6	63,694.6	69.745.6	\$76,371.5	
2030 Cash Flow	1,940.0	2,124.3	2.326.1	2,547.1	2,789.0	3,054.0	3.344.1	\$3,661.8	
2029 Cash Flow	1,681.4	1,841.1	2,016.0	2,207.6	2,417.3	2,646.9	\$2,898.4	φο,σσ1.σ	
2028 Cash Flow	1,446.5	1,583.9	1,734.4	1,899.2	2,079.6	\$2,277.2	Ψ2,000.1		
2027 Cash Flow	1,236.6	1,354.1	1,482.8	1,623.6	\$1,777.9	ψ <u>υ,</u> υ,τ.υ			
2026 Cash Flow	1.057.4	1,157.8	1,267.8	1,388.3	ψ.,				
2025 Cash Flow	893.6	978.5	1,071.4	1,000.0					
2024 Cash Flow	748.3	819.4	1,071						
2023 Cash Flow	619.7	0.0							
2022 Cash Flow	0.0								
Enterprise Value	\$50.084								
Add: Cash and Investments	1,266.8								
Less: Debt and Capital Leases	(219.3)								
Add: PV of NOLs	(=:=:=)								
Equity Value	\$51,131								
Divide by: Diluted Shares	513.7								
Price Target	\$100								
Accumptions									
Assumptions Perpetuity Growth Rate	4%								
Assumed Tax Rate	21%								
	10%								
Applied WACC	10%								

Source: Company filings and Truist Securities Estimates

TRUIST [H] **Truist Securities**

"Required Disclosures" are on the last tab of the workbook
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TTD - Balance Sheet			_							
(data in millions, except per share data)	FY21A	FY22E	FY23E	FY24E	FY25E	FY26E	FY27E	FY28E	FY29E	FY30
Current assets:										
Cash	754.2	901.8	1,143.9	1,868.4	2,541.2	3,383.1	4,514.3	5,931.7	7,740.7	10,159.0
Short term investments	204.6	280.5	280.5	280.5	280.5	280.5	280.5	280.5	280.5	280.5
Accounts receivable, net	2,020.7	2,418.5	3,334.9	3,627.4	4,524.7	5,585.9	6,827.5	8,389.5	10,260.8	12,492.3
Prepaid expenses and other current assets	112.2	151.3	212.0	267.3	333.5	411.7	503.2	618.3	756.2	920.7
Total current assets	3,091.6	3,752.1	4,971.3	6,043.6	7,679.9	9,661.1	12,125.5	15,220.0	19,038.1	23,852.4
Non current assets:										
Property and equipment, net	135.9	124.2	99.0	75.1	59.9	50.0	43.1	41.9	42.6	43.3
Goodwill										
Operating lease assets, net	234.1	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4	225.4
Deferred taxes, net	68.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
Other assets, non-current	47.5	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
Total non current assets	485.7	461.5	436.4	412.4	397.2	387.4	380.5	379.3	380.0	380.6
Total assets	3,577.3	4,213.6	5,407.7	6,456.0	8,077.1	10,048.5	12,506.0	15,599.3	19,418.1	24,233.0
Accounts payable Accrued expenses and other current liabilities	1,655.7 101.5	1,700.3 127.9	2,184.3 167.6	2,318.5 200.7	2,745.9 237.8	3,187.7 278.9	3,703.6 323.9	4,323.2 378.1	5,019.6 439.3	5,903.7 508.1
Debt/financing obligation, current portion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operaing lease liabilities	46.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
Total current liabilities	1,803.3	1,876.5	2,400.1	2,567.5	3,032.1	3,514.9	4,075.7	4,749.6	5,507.2	6,460.1
Non current liabilities:										
Debt and capital leases, net of current portion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financing obligation, non-current	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating lease liabilities, non current	238.4	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
Other liabilities, non-current	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Total non current liabilities	246.7	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8
Total liabilities	2,050.0	2,104.4	2,627.9	2,795.4	3,259.9	3,742.7	4,303.6	4,977.4	5,735.0	6,688.0
Shareholders' equity										
Common and convertible preferred stock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Additional paid-in capital	915.2	1,476.3	1,812.7	2,189.0	2,621.0	3,084.7	3,604.3	4,184.8	4,823.7	5,601.5
Retained earnings & OCI	612.1	633.0	967.0	1,471.6	2,196.2	3,221.1	4,598.0	6,437.1	8,859.4	11,943.5
Total shareholders' equity	1,527.3	2,109.2	2,779.7	3,660.6	4,817.2	6,305.8	8,202.4	10,621.9	13,683.1	17,545.0
Total liabilities and shareholders' equity	3,577.3	4,213.6	5,407.7	6,456.0	8,077.1	10,048.5	12,506.0	15,599.3	19,418.1	24,233.0

Source: Company filings and Truist Securities Estimates

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(data in millions, except per share data)										
and the state of t	FY21A	FY22E	FY23E	FY24E	FY25E	FY26E	FY27E	FY28E	FY29E	FY3
Cash flows from operating activities:										
Profit	137.8	20.8	334.1	504.6	724.6	1,024.8	1,377.0	1,839.1	2,422.3	3,084
Adjustments to reconcile profit to net cash from operating activities:										
Depreciation and amortization	42.2	51.1	55.1	56.9	51.2	48.7	48.5	52.3	61.8	75.
Stock-based compensation	337.4	525.0	336.4	376.3	432.0	463.7	519.6	580.4	638.9	777
Other	30.8	31.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Changes in operating assets and liabilities:										
Accounts receivable	(444.3)	(403.7)	(916.4)	(292.4)	(897.4)	(1,061.1)	(1,241.7)	(1,561.9)	(1,871.3)	(2,231.
repaid expenses and other assets	1.6	(41.7)	(60.8)	(55.3)	(66.1)	(78.2)	(91.5)	(115.1)	(137.9)	(164
Other assets, non-current	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Accounts payable and accrued expenses	309.4	33.0	483.9	134.3	427.4	441.7	515.9	619.6	696.4	884
accrued expenses and other current liabilities	7.6	26.4	39.6	33.2	37.1	41.1	45.0	54.2	61.2	68.
Other liabilities, non-current	(44.0)	(24.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
let cash provided by (used in) operating activities	378.5	218.6	271.9	757.5	708.9	880.8	1,172.7	1,468.6	1,871.5	2,494.
Cash flows from investing activities:										
Purchase of property and equipment	(54.8)	(24.0)	(29.9)	(33.0)	(36.0)	(38.9)	(41.6)	(51.1)	(62.5)	(76.
Capitalized software development costs	(5.2)	(3.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Other	(33.7)	(77.8)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
et cash provided by (used in) investing activities	(93.6)	(105.0)	(29.9)	(33.0)	(36.0)	(38.9)	(41.6)	(51.1)	(62.5)	(76.
ash flows from financing activities:										
ash flows from financing activities: vidend payments	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 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	
vidend payments										0.
vidend payments hare repurchases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0. 0. 0.
vidend payments are repurchases hequity bbt	0.0 33.9	0.0 34.1	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.
vidend payments are repurchases her equity bit It cash provided by (used in) financing activities	0.0 33.9 (1.9) 31.9	0.0 34.1 0.0 34.1	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 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	0000
vidend payments naire repurchases her equity libb to to cash provided by (used in) financing activities st increase (decrease) in cash and cash equivalents	0.0 33.9 (1.9) 31.9	0.0 34.1 0.0 34.1	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 724.5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 841.9	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 2,418
vidend payments arer repurchases her equity bit et cash provided by (used in) financing activities	0.0 33.9 (1.9) 31.9	0.0 34.1 0.0 34.1	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 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.

Source: Company filings and Truist Securities Estimates

Company Description

The Trade Desk was founded in 2009 as one of the pioneers in advertising technology company that helps ad buyers create, manage, and optimize its digital advertising campaigns through it self-serve platform across a variety of different ad formats including video, display, native, audio, social on a variety of devices in different geographies. The company works with an assortment of partners to integrate with ad inventories, data providers, and publishers to give its ad buyers reach and decision making capabilities to help them effectively leverage the platform. The company is headquartered in Ventura, California and has offices across North America, Europe and Asia.

Investment Thesis

We view the long-term growth prospects for TTD favorably, as advertisers embrace data-driven ad spending within digital, with a growing percentage going to programmatic, benefiting The Trade Desk directly, as the largest independent DSP. We believe The Trade Desk has a strong reputation with agencies, registering one of the fastest growth rates in the industry, and has outperformed Street expectations since the IPO. Impressively, the company has been doing so profitably since 2013. The company is also levered to the growing Connected TV, which we believe should provide the next leg of growth for TTD, as the company secures inventory and launches new products to help advertisers reach consumers on this platform using 1P and 3P data. We rate the shares Buy.

Valuation and Risks

Our \$100 price target uses a 7-year DCF that implies a 25x EV/Revenue multiple on FY23 estimates.

Risks to our rating include competition putting pressure on take rates, loss of major clients, deterioration of macro causing decline in ad spending, lack of traction with newer products, and adverse changes from online cookies going away.

Companies Mentioned in This Note

Comcast Corporation (CMCSA, \$30.99, Hold, Greg Miller)
The Walt Disney Company (DIS, \$101.44, Buy, Matthew Thornton)
Netflix, Inc. (NFLX, \$240.74, Hold, Matthew Thornton)
Spotify Technology S.A. (SPOT, \$94.63, Buy, Matthew Thornton)
Target Corporation (TGT, \$156.96, Hold, Scot Ciccarelli)
Uber Technologies, Inc. (UBER, \$29.19, Buy, Youssef Squali)
Walgreens Boots Alliance, Inc. (WBA, \$33.39, Hold, David MacDonald)
Walmart Inc. (WMT, \$134.25, Hold, Scot Ciccarelli)
Apple, Inc. (AAPL, NR)
Warner Bros Discover (WDB, NR)
Albertsons (ACI, NR)
Paramout Global (PARA, NR)

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