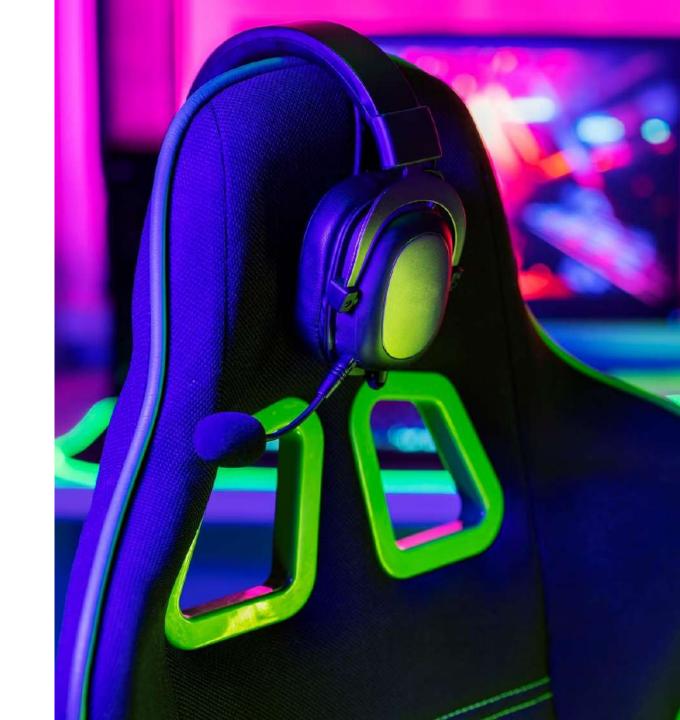


# GLOBAL GAMING REPORT Q2 2023

LOS ANGELES | SAN FRANCISCO | NEW YORK | LONDON | PARIS | MUNICH | BERLIN





# PROVEN TRACK RECORD IN GAMING M&A AND GROWTH FINANCING ADVISORY

## **GAMING DEAL TEAM**



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CODEMASTERS

DIRT GRID

HAS ACQUIRED

AAA Game Developer

SALE TO

ND

Mobile Gamino

SLIGHTLYMAD













TOPGOLE

Mobile / Online Gaming



FIREFLY

PC / Mobile Games

CREANDUM













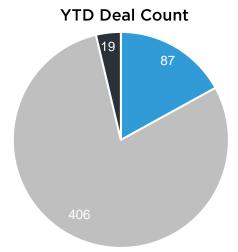








#### DEAL ACTIVITY IN GAMING AND ESPORTS







Note: Public Markets include IPOs, SPACs, and Public Financings Source: CapIQ, Pitchbook & DSP Research

#### Q2 2023 Summary

- With over \$6B in disclosed deal value, Q2 saw healthy M&A activity beginning with Savvy Gaming's acquisition of Scopely to enter mobile gaming / publishing space and SEGA announcing the acquisition of Rovio. Sony, Keyword Studios, Focus Entertainment and Team 17 were some of the other strategics that were active in Q2. M&A deal value increased significantly in Q2 over Q1.
- Public markets continued to recover with Drake Star Gaming Index rising 15% during the first half of the year, closely mirroring the S&P 500 index, while the VanEck Video Game Tech ETF was up over 30%. Embracer announced a broader restructuring following a significant valuation drop in Q2.
- There were 196 announced private financings with \$700M in announced value in Q2, a slight decline from Q1. Over 80% of the financings were for early-stage companies. Some of the notables raises were Everdome (\$50M), Anzu.io (\$48M), Mythical Games (\$37M), and Nodwin Gaming (\$28M). Investments in Blockchain saw an uptick in Q2 (52 deals vs 42 in Q1) while mobile and PC/Console remained the other top categories.
- BITKRAFT led the VC league table for the first half of the year, followed by Andreessen Horowitz, Griffin Gaming, Makers Fund and Play Ventures.

#### 2023 Outlook

- Q3 started on a positive note with the closing of the Savvy Gaming / Scopely deal, U.S. court ruling in favor of the Microsoft / Activision deal and Goldman Sachs along with General Atlantic and Lego acquired Kahoot, an educational games platform for \$1.7B in a take private deal.
- We expect a steady increase in M&A deal activity in the second half of the year. Savvy Gaming continues to be very active on acquisitions as well as minority investments in public companies (eg. EA). Savvy might acquire a large PC / console publisher and we anticipate Scopely to be very active. Embracer will likely divest some of its studios while acquiring others.
- As public markets continue to recover, several IPO ready gaming companies have started exploring IPOs again. At the same time, there is increasing interest from PE firms to acquire publicly traded gaming companies. Playtika is rumored to be one such candidate.
- While a large pool of capital was raised by gaming / blockchain funds last year, investors have been cautious this year. We expect a healthy number of early-stage rounds and significantly less later stage rounds. Al and tools continue to be hot segments.

































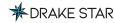












#### **GAMING KEY HEADLINES: Q2 2023**

M&A



- Savvy Gaming Group, announced its acquisition of the leading mobile games developer and publisher Scopely for \$4.9B
- SEGA Corporation acquired Rovio, Finnish mobile game company behind the Angry bird title, for \$775M after the talks between Playtika and Rovio ended
- Light & Wonder announced acquisition of the remaining 17% shares of Sciplay for \$422M. Sciplay will be fully owned by Light & Wonder
- Focus Entertainment acquired the U.K. based train simulation developer Dovetail Games
- Sony Interactive Entertainment announced acquisition of Firewalk Studios, multiplayer studio created by ProbablyMonsters
- <u>Scopely</u> acquired Scottish mobile games developer Tag Games, studio behind titles including Angry Birds Action, Scrabble Go, and Pocket Mortys
- Astragon Entertainment, a subsidiary of Team 17, acquired Independent Arts, one of the oldest German game development studio
- · Neowiz Games acquired Korean mobile MMORPG developer Fow Games to strengthen development capabilities and acquire new IP

















#### **Fundraising**



- Everdome, blockchain-based metaverse platform, raised \$50M in a new investment round led by GEM Digital Limited
- Anzu, operator of an in-game advertising platform, raised \$48M in a Series B funding round led by Emmis Communications
- Nodwin gaming, India-based esports company, has raised \$28M from investors including Sony, Krafton, JetSynthesys, and Nazara
- Japanese esports company TEG, inc. raised \$27.8M in Series A financing round from investors including Media Create Communications Inc., Saifu Corporation, GCI Ventures
- Goals raised \$20M in Series A round led by Seven Seven Six for developing esports ready soccer game
- Mayhem Studios, owned by online gaming unicorn Mobile Premier League, raised \$20M in Series A round led by Sequoia Capital
- Karate Combat announced an \$18M funding round led by BITKRAFT Ventures to build Web3, mixed reality live sports



























- Chinese metaverse, advertisement and online gaming company Glory Star New Media Group raised \$60M from two institutional investors in a PIPE deal
- Starbreeze raised \$43.5M through a rights issue to accelerate investments in game development / publishing and debt repayment
- Super League Gaming raised \$23.8M to pay down company's debt and fund growth initiatives



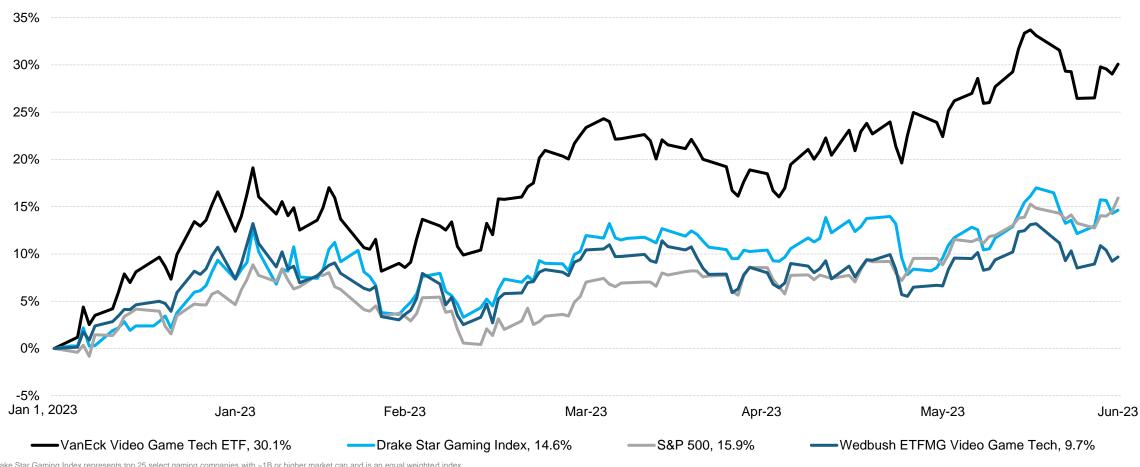






## RECOVERY IN GAMING PUBLIC MARKET LEADING TO NEW WAVE OF M&A

#### GAMING SECTOR HAS MIRRORED THE BROADER S&P500 INDEX

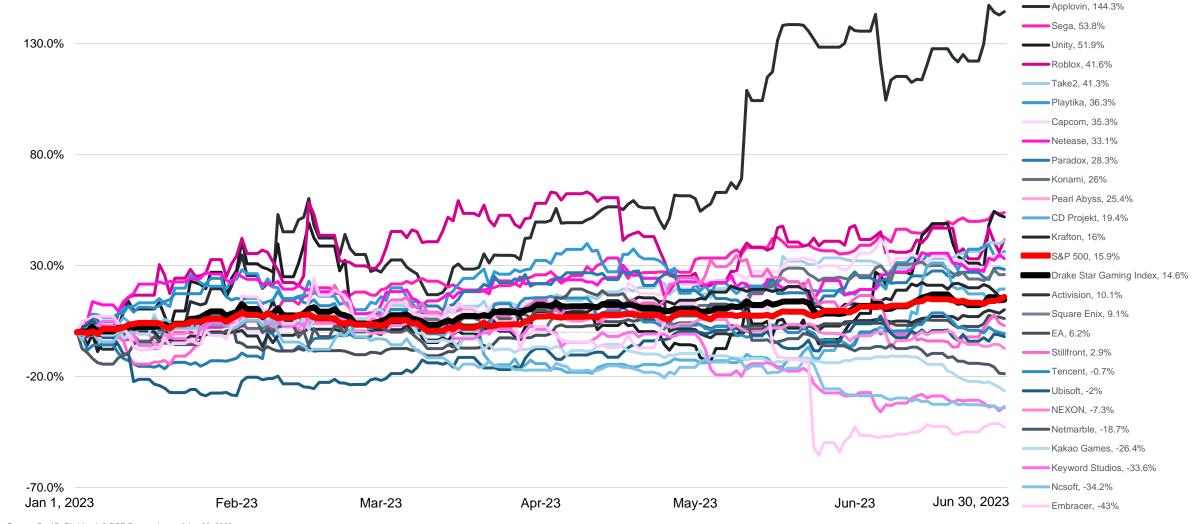


Note: Drake Star Gaming Index represents top 25 select gaming companies with ~1B or higher market cap and is an equal weighted index Refer page 5 for list of Drake Star Gaming Index constituents
Source: CapIQ, Pitchbook & DSP Research, as of Jun 30, 2023



## GAMING PUBLIC MARKETS: DRAKE STAR GAMING INDEX

EQUALLY WEIGHTED PERFORMANCE OF TOP 25 GAMING COMPANIES ON NATIVE EXCHANGES

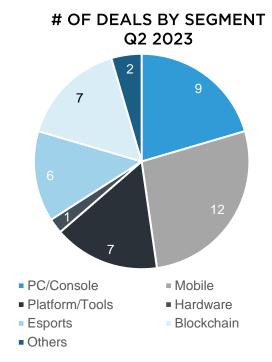


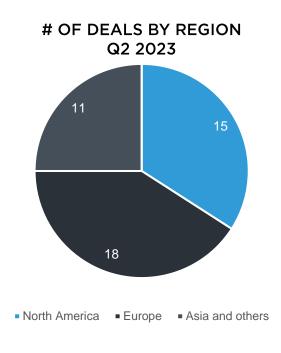
Source: CapIQ, Pitchbook & DSP Research, as of Jun 30, 2023

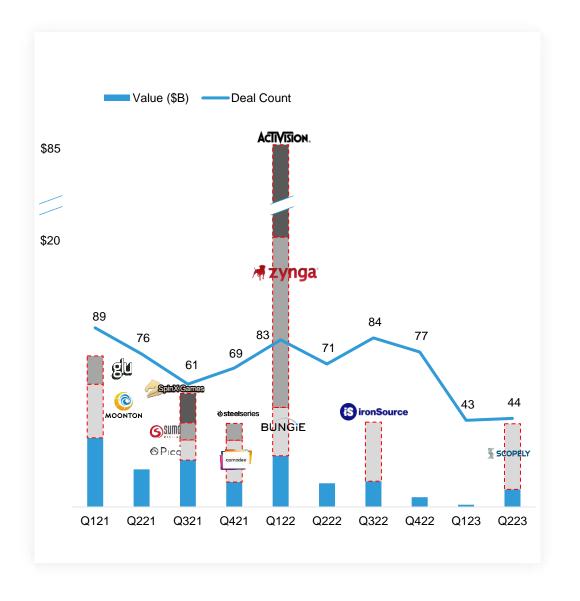


## **GAMING M&A TRANSACTIONS Q2 2023**

#### 44 DEALS AND \$6.2B IN ANNOUNCED DEALS









#### **GAMING M&A TRANSACTIONS Q2 2023**

#### 44 ANNOUNCED DEALS







- Savvy Gaming Group, wholly owned subsidiary of Saudi Arabia's PIF, acquired Scopely for \$4.9B
- Savvy acquired the company with the goal to strengthen its ability to deliver new products for the global gaming community
- The deal would enable Scopely to extend its live services expertise to new segments like PC, console, and other genres of gameplay











- Focus entertainment acquired the U.K.-based train simulation developer Dovetail Games. The upfront payment was made mostly in cash with performance based earnout.
- · The acquisition includes the fully-owned IP of dovetail along with the senior management whose expertise in the simulation space complements Focus' strategy for growing upon its success in publishing games in the space.











- Sega plans to utilize Rovio's expertise in "live service" to accelerate the development of its own existing games, as well as generate synergies between Sega and Rovio's brands
- At the same time, Sega's cross-platform expertise would enable Rovio to expand beyond mobile gaming











The studio will collaborate with Bungie and Haven Interactive teams as it develops a AAA title focused towards PS5 and PC









- Light & Wonder announced a proposal to acquire the remainder 17% Sciplay for \$422M
- The acquisition would unify Light & Wander's businesses, enabling improved collaboration. It would also combine the balance sheets of the two companies providing more flexibility to invest cash in Sciplay









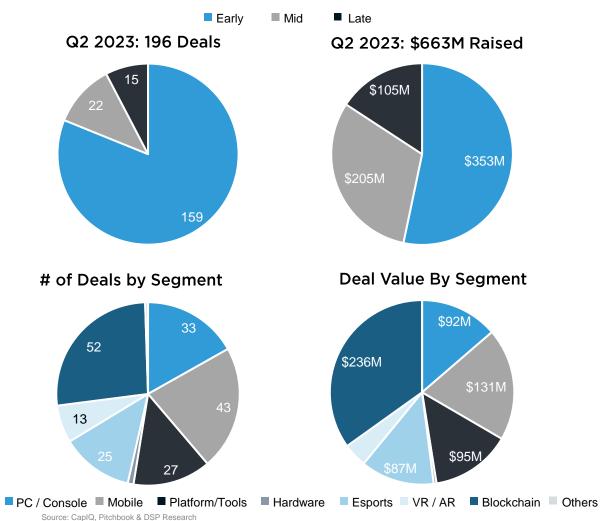
- Scopely acquired Scotland-based mobile games developer Tag Games
- Both Scopely and Tag Games are expected to benefit from Scopely's publishing infrastructure and operating system.
- The 60 people team at Tag games will join Scopely

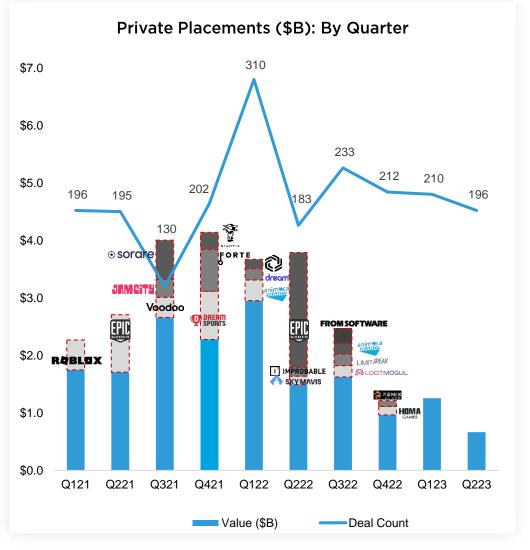
Source: CapIQ, Pitchbook & DSP Research Note: Drake Star did not act as financial advisor on transactions listed on this page



## **GAMING PRIVATE PLACEMENTS Q2 2023**

#### 196 DEALS AND AROUND \$700M IN DISCLOSED PRIVATE PLACEMENTS







# **GAMING PRIVATE PLACEMENTS: YTD 2023**

#### TOP PRIVATE PLACEMENTS

TARGET	SEGMENT	DATE	DEAL VALUE (\$M)	VALUATION (\$M)	SELECT INVESTORS	TARGET COUNTRY
VSPD x M x N	eSports	Feb-23	<u>\$265.0</u>	-	Savvy Gaming Group	
BELIEVER	PC/Console	Mar-23	<u>\$55.0</u>	-	Lightspeed Venture Partners, Riot Games, Bitkraft Ventures, Andreessen Horowitz	
LIGHT FIELD LAB	Hardware	Feb-23	<u>\$50.0</u>	\$180	NCSoft, Samsung Electronics, Verizon Ventures	
E V E R D O M E	Blockchain	Apr-23	<u>\$50.0</u>	-	GEM Digital, OKX, Binance, Epic Games	
<b>⊕</b> anzu	Platform/Tools	Jun-23	<u>\$48.0</u>	-	Emmis Communications, Sony Innovation Fund, HBSE Ventures, NBCUniversal, PayPal Ventures, Bandai Namco (021fund), BITKRAFT Ventures, Digital Ventures, Samsung NEXT Ventures, Simon Equity Partners	w w
CCP	PC/Console	Mar-23	<u>\$40.0</u>	-	Andreessen Horowitz, Nexon, Makers Fund, BITKRAFT, Kingsway Capital, Hashed	
MYTHICAL	Blockchain	Jun-23	<u>\$37.0</u>	-	Scytale Digital, Animoca Brands, ARK Invest, MoonPay, Proof VC, Stanford Athletics, Andreessen Horowitz, WestCap, Gaingels, Signum Growth, Struck Capital	
PLAI LABS «PLAY UITH BI»	Blockchain	Feb-23	<u>\$32.0</u>	-	Andreessen Horowitz	
Voodoo	Mobile	Jan-23	<u>\$30.0</u>	\$2,010	Turenne Capital Partenaires	0
NODWIN GAMING	eSports	May-23	\$28.0	-	Nazara, Krafton, JetSynthesys	<b>(a)</b>
TEG	eSports	Apr-23	<u>\$27.8</u>	-	Imagica Group, Saifu Corporation, GCI Ventures, Japan Tobacco, Property Agent, inc., Maruichi Corporation, Media Create Communications, Robot home	•



www.drakestar.com

## **GAMING PRIVATE PLACEMENTS Q2 2023**

#### 196 DEALS AND AROUND \$700M IN DISCLOSED PRIVATE PLACEMENTS





#### \$50M Raised

- Investors GEM Digital, OKX, Binance, Epic Games
- The funding will be used to improve core product delivery, boost infrastructure, expand the tools for users to create and build inside Everdome, and grow users and partners.





#### \$48M Raised

- Investors Emmis Communications, Sony Innovation Fund, Bandai Namco, BITKRAFT Ventures, PayPal Ventures, Simon Equity Partners
- The funding will be used to further buildout the global leadership team and expand the U.S. footprint by developing teams across the country

#### **MYTHICAL**



#### \$37M Raised

- Investors Scytale Digital, Animoca Brands, Andreessen Horowitz, Gaingels, ARK Invest, MoonPay, Proof VC, Stanford Athletics, WestCap, Signum Growth, Struck Capital
- The funding will enable Mythical to scale its games and infrastructure to a larger mainstream audience.





#### \$28M Raised

- Investors Nazara, Krafton, JetSynthesys, Sony, Inno Park
- The funding will be used to develop NODWIN's gaming and esports ecosystem, including new IPs, expanding into emerging markets and making strategic acquisitions.





#### \$28M Raised

- Investors Imagica Group, Saifu Corporation, GCI Ventures, Japan Tobacco, Property Agent, inc., Maruichi Corporation, Media Create Communications, Robot home
- The company plans to utilize the funds increase the efforts for further growth, including the development of overseas facilities mainly in Asia, strengthening the online business, and enhancing the esports business.





- Investors Seven Seven Six (Lead), Northzone Ventures, Moonfire, Cassius Capital
- Company will use the fund to further developing a new soccer game

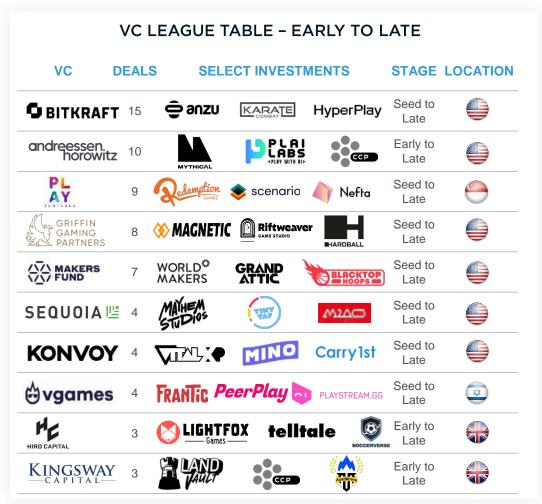
Source: CapIQ, Pitchbook & DSP Research

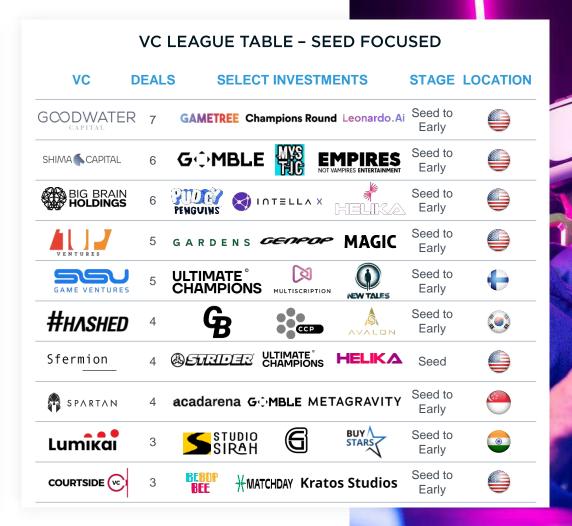
Note: Drake Star did not act as financial advisor on transactions listed on this page



## TOP VC'S

#### TOP 10 FINANCIAL GAMING INVESTORS H1 2023





Source: CapIQ, Pitchbook & DSP Research



# **GAMING LEAGUE TABLES: TOP BUYERS**

TOP 10 STRATEGIC BUYERS LTM JUNE 2023

	BUYERS	LEAGUE TA	BLE
COMPANY	DISCLOSED DEAL VALUE (\$M)	# OF DEALS	SELECT DEALS
EMBRACER* GROUP	\$865.0	13	CAPTURED TRIPLE MIDDLE-EARTH
<b>Keywords</b> studios	\$228.3	7	LABS SMOKING GUN Helpshift
SONY	-	4	REPEAT. GG
SAVVY GAMING GROUP	\$4,900.0	3	SCOPELY (aggames VINDEX
AZUR GAMES	-	3	goodjob with the same of the s
anim Ca ERANDS	-	3	SVIPER PIXELYNX WEPLAY.MEDIA
<b>∞</b> Meta	-	3	armature Camoufar TvistedPixel
NetEase Games	\$106.0	2	SKYBOX LABS QUANTIC DREAM
Tencent RIOT SUP	\$45.0	2	BULKHEAD WARGAMING
12	-	2	POPCORE storemaven

Source: CapIQ, Pitchbook & DSP Research Note: Deal value only includes publicly disclosed transaction values Drake Star did not act as financial advisor on transactions listed on this page





# **PUBLIC MARKET VALUATIONS**

# ONLINE / MOBILE GAME DEVELOPERS & PUBLISHERS

COMPANY NAME North America / Europe - Mobile Focused	TICKER	COUNTRY	LTM	PRICE	MCAP	EV	REVENUE LTM	EBITDA LTM	EV/RE	VENUE NTM	EV/E LTM	BITDA NTM	PRICE/E	ARNINGS NTM	REVENUE LTM	GROWTH NTM	EBITDA LTM	GROWTH NTM	EBITDA / RE\
North America / Europe - Mobile Focused Playtika	PLTK	IL	31-Mar-23	\$11.60	\$4,242.5	\$5,989.0	\$2,594.8	\$649.2	2.3x	2.3x	8.9x	7.4x	16.3x	14.7x	-1%	1%	-1%	N I W 25%	25.0%
GDEV	GDEV	CY	31-Iviai-23 31-Dec-22	\$6.33	\$1,248.7	\$1.112.8	\$479.7	\$88.6	2.3x 2.3x	NA NA	14.2x	NA	NM	NA NA	11%	NA	NM	NA	18.5%
Stillfront Group	SF	SE	31-Dec-22 31-Mar-23	\$1.67	\$843.2	\$1,112.6	\$752.3	\$173.2	1.7x	1.7x	7.0x	4.7x	19.7x	5.9x	23%	-5%	10%	53%	23.0%
Modern Times Group	MTG B	SE	31-Mar-23	\$6.37	\$798.8	\$475.1	\$529.8	\$173.2	0.9x	0.9x	4.2x	4.7x 4.0x	19.7x	20.4x	21%	2%	9%	8%	21.5%
Rovio	ROVIO	FI	31-Mar-23	\$9.97	\$759.3	\$591.9	\$335.4	\$41.6	1.8x	1.7x	11.1x	10.3x	24.5x	21.6x	2%	4%	-10%	38%	12.4%
Huuuge	HUG	US	31-Mar-23	\$6.56	\$522.1	\$283.8	\$306.4	\$83.3	0.9x	1.7x	3.1x	3.2x	10.9x	9.2x	-15%	-9%	57%	8%	27.2%
SciPlav	SCPL	US	31-Mar-23	\$19.68	\$418.1	\$605.9	\$699.4	\$180.4	0.9x	0.8x	3.1x	2.9x	17.5x	18.2x	14%	4%	2%	14%	25.8%
Media and Games Invest	M8G	SE	31-Mar-23	\$1.01	\$160.1	\$562.2	\$387.9	\$95.3	1.4x	1.5x	5.6x	5.4x	NM	13.5x	23%	-2%	47%	9%	24.6%
G5 Entertainment	G5EN	SE	31-Mar-23	\$18.49	\$149.9	\$129.5	\$136.4	\$14.3	1.4x	1.0x	9.3x	4.2x	11.1x	9.6x	7%	-1%	-30%	124%	10.5%
Ten Square Games	TEN	PL	31-Mar-23	\$19.38	\$149.9	\$108.3	\$130.4	\$25.3	0.9x	0.8x	9.3x 4.1x	4.2x 4.0x	8.4x	7.9x	-17%	4%	-40%	2%	21.5%
Flexion Mobile	FLEXM	GB	31-Mar-23	\$1.32	\$73.9	\$60.0	\$91.8	\$5.4	0.9x 0.7x	0.5x	11.6x	5.8x	NM	12.4x	91%	25%	-40% NA	88%	5.9%
Popreach	POPR	CA	31-Mar-23	\$0.17	\$49.6	\$91.7	\$131.3	\$11.0	0.7x	0.5x	7.8x	4.9x	NM	NM	NA	38%	NA NA	71%	8.4%
East Side Games	EAGR	CA	31-Mar-23	\$0.17	\$40.0	\$38.2	\$77.6	\$1.0	0.7x	0.5x 0.4x	34.9x	3.1x	5.4x	NM	-1%	14%	-79%	NM	1.3%
MAG Interactive	MAGI	SE	31-May-23	\$1.35	\$35.7	\$28.4	\$37.0	-\$0.8	0.5x 0.8x	0.4x 0.7x	10.9x	6.5x	NA NA	NM	17%	3%	-79% NA	NM	-2.1%
INIAG IIITEI ACTIVE	IVIAGI	3E	31-1Vlay-23	φ1.33	φου. <i>ι</i>	φ <b>∠</b> 0.4	φ31.0	***											
								Average	1.2x	1.1x	9.7x	5.1x	14.8x	13.3x	13%	6%	-3%	40%	16.0%
								Median	0.9x	0.9x	8.3x	4.7x	16.3x	13.0x	11%	3%	1%	25%	20.0%
North America / Europe – PC / console Fo	cused																		
Activision Blizzard	ATVI	US	31-Mar-23	\$84.30	\$66,273.2	\$57,321.2	\$8,143.0	\$2,091.0	7.0x	6.0x	26.1x	14.8x	27.4x	20.5x	-2%	18%	-32%	85%	25.7%
Electronic Arts	EA	US	31-Mar-23	\$129.70	\$35,293.6	\$34,749.6	\$7,426.0	\$1,910.0	4.7x	4.6x	16.7x	13.8x	30.2x	19.0x	6%	2%	18%	32%	25.7%
Take-Two Interactive	TTWO	US	31-Mar-23	\$147.16	\$24,919.1	\$27,391.7	\$5,349.9	\$1,167.4	5.1x	4.9x	21.4x	27.2x	NM	43.6x	53%	4%	74%	14%	21.8%
CD Projekt	CDR	PL	31-Mar-23	\$38.10	\$3,806.4	\$3,586.6	\$211.6	\$95.4	16.0x	16.7x	25.6x	26.3x	37.2x	44.9x	0%	-4%	27%	35%	45.1%
Ubisoft	UBI	FR	31-Mar-23	\$28.25	\$3,495.9	\$4,560.2	\$1,971.2	\$889.9	2.3x	1.9x	5.1x	7.1x	27.7x	15.2x	-15%	19%	NA	NM	-15.9%
Embracer Group	EMBRAC B	SE	31-Mar-23	\$2.50	\$3,146.8	\$4,735.5	\$3,640.8	\$583.7	1.4x	1.2x	7.6x	4.8x	6.5x	6.0x	NA	11%	NA	75%	16.0%
Paradox Interactive	PDX	SE	31-Mar-23	\$25.23	\$2,664.9	\$2,602.0	\$191.2	\$88.7	14.2x	11.0x	29.4x	15.3x	43.4x	32.7x	27%	29%	33%	99%	46.4%
Keyword Studios	KWS	ΙE	31-Dec-22	\$23.00	\$1,816.8	\$1,772.5	\$738.2	\$122.2	2.3x	1.9x	12.5x	9.7x	34.6x	17.2x	35%	22%	37%	46%	16.5%
Team17 Group	TM17	GB	31-Dec-22	\$4.57	\$658.5	\$597.7	\$165.6	\$49.7	3.4x	3.3x	11.2x	9.6x	22.0x	14.1x	52%	2%	22%	19%	30.0%
PlayWay	PLW	PL	30-Sep-22	\$97.55	\$643.8	\$597.7	\$54.8	\$37.5	9.0x	7.4x	13.1x	11.2x	18.1x	NA	38%	21%	44%	17%	68.4%
Remedy Entertainment	REMEDY	FI	31-Dec-22	\$26.97	\$363.4	\$309.0	\$46.6	\$1.0	6.5x	7.5x	NM	NM	NM	NM	-3%	-13%	-92%	NM	2.2%
Focus Interactive	ALFOC	FR	31-Mar-23	\$46.94	\$304.5	\$322.6	\$210.9	\$64.3	1.5x	1.2x	5.0x	3.6x	NM	10.6x	36%	27%	40%	39%	30.5%
Frontier Developments	FDEV	GB	30-Nov-22	\$7.50	\$289.4	\$260.6	\$145.6	\$25.0	1.7x	1.9x	9.1x	5.9x	13.6x	NM	19%	-11%	43%	66%	17.2%
Digital Bros	DIB	IT	31-Mar-23	\$19.96	\$284.7	\$334.6	\$150.5	\$57.6	2.2x	2.1x	5.8x	5.4x	9.7x	9.3x	17%	4%	22%	6%	38.3%
CI Games	CIG	PL	31-Mar-23	\$1.24	\$227.3	\$235.0	\$12.5	\$1.3	17.8x	3.5x	NM	4.6x	NM	8.9x	-51%	NM	-87%	NM	10.6%
EG7	EG7	SE	31-Mar-23	\$2.53	\$223.8	\$186.0	\$197.9	\$52.9	1.0x	0.9x	3.5x	3.7x	NM	NA	32%	5%	117%	2%	26.7%
Nacon	NACON	FR	31-Mar-23	\$2.16	\$187.7	\$266.1	\$169.5	\$18.3	1.6x	1.4x	14.5x	3.8x	8.2x	9.9x	0%	15%	13%	276%	10.8%
Devolver Digital	DEVO	US	31-Dec-22	\$0.29	\$127.2	\$43.2	\$134.6	-\$23.0	0.3x	0.4x	NM	2.4x	NM	10.3x	37%	-14%	NA	177%	-17.1%
Skonec Entertainment	A276040	KR	31-Mar-23	\$9.38	\$116.8	\$97.4	\$2.8	-\$3.0	35.6x	18.6x	NM	NA	NM	NM	-40%	91%	NA	NA	-109.7%
Bloober Team	BLO	PL	31-Mar-23	\$6.00	\$115.9	\$109.5	\$17.3	\$6.1	6.0x	NA	17.1x	NA	25.8x	NA	-1%	NA	-21%	NA	35.4%
Starbreeze	STAR B	SE	31-Mar-23	\$0.08	\$106.3	\$137.2	\$12.6	\$0.0	11.3x	2.3x	NM	3.0x	NM	4.0x	8%	NM	NA	NM	-0.4%
Thunderful Group	THUNDR	SE	31-Mar-23	\$1.41	\$99.3	\$139.2	\$304.5	\$31.8	0.5x	0.5x	4.2x	3.3x	8.0x	3.8x	-2%	NA	2%	37%	10.4%
Snail Games	SNAL	US	31-Mar-23	\$1.59	\$58.3	\$68.7	\$59.8	-\$5.3	1.1x	0.6x	NM	2.6x	NM	3.4x	-43%	88%	NA	NM	-8.9%
Zordix	ZORDIX B	SE	31-Mar-23	\$1.13	\$57.8	\$76.8	\$110.7	\$1.5	0.7x	0.7x	9.6x	6.5x	NM	NM	52%	2%	-80%	NM	1.4%
tinyBuild	TBLD	US	31-Dec-22	\$0.12	\$24.0	-\$3.6	\$63.3	\$10.9	NM	NM	NM	NM	2.0x	NA	21%	-20%	-42%	52%	17.2%
								Average	6.4x	4.4x	13.2x	8.8x	21.0x	16.1x	12%	14%	7%	63%	13.8%
		E) //EDITE A	10/5					Median	2.9x	2.1x	11.8x	5.9x	22.0x	10.6x	12%	5%	22%	39%	17.2%

Source: CapIQ, As of June 30, 2023, in \$M except share price, EV/EBITDA and P/E multiples less than 0 and greater than 100 are denoted as NM



# **PUBLIC MARKET VALUATIONS**

# DEVELOPERS IN JAPAN / KOREA & ESPORTS

COMPANY NAME	TICKER	COUNTRY	LTM	PRICE	MCAP	EV	REVENUE	EBITDA	EV/RE	VENUE	EV/E	BITDA	PRICE/E	ARNINGS	REVENUE	GROWTH	EBITDA	GROWTH	EBITDA / RE\
Japan/Korea							LTM	LTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM
Sony	6758	JP	31-Mar-23	\$89.67	\$110,649.5	\$133,178.3	\$86,808.8	\$11,190.8	1.7x	1.6x	12.0x	9.3x	17.2x	17.1x	16%	3%	9%	39%	12.9%
Nintendo	7974	JP	31-Mar-23	\$45.25	\$52,677.6	\$39,680.8	\$12,048.7	\$3,877.2	3.6x	3.8x	10.6x	12.1x	17.6x	20.9x	-6%	-5%	-15%	8%	32.2%
NEXON	3659	JP	31-Mar-23	\$19.00	\$16,208.0	\$12,592.6	\$2,909.5	\$1,004.8	4.7x	4.3x	14.7x	12.6x	21.3x	20.8x	40%	10%	37%	8%	34.5%
Capcom	9697	JP	31-Mar-23	\$39.39	\$8,236.6	\$7,611.7	\$947.3	\$408.1	8.7x	7.6x	20.3x	17.3x	32.6x	28.7x	14%	15%	17%	17%	43.1%
Konami Holdings	9766	JP	31-Mar-23	\$52.02	\$7,051.5	\$6,108.2	\$2,364.5	\$578.6	2.8x	2.5x	11.5x	9.4x	29.2x	20.4x	5%	10%	-16%	22%	24.5%
Krafton	A259960	KR	31-Mar-23	\$147.90	\$6,828.9	\$4,410.5	\$1,434.0	\$639.4	3.1x	3.1x	7.3x	6.9x	17.2x	17.0x	-4%	-1%	3%	0%	44.6%
Square Enix	9684	JP	31-Mar-23	\$46.26	\$5,538.2	\$4,201.4	\$2,582.2	\$385.6	1.8x	1.6x	11.9x	8.6x	16.3x	17.7x	-6%	10%	-23%	37%	14.9%
Sega Sammy	6460	JP	31-Mar-23	\$21.25	\$4,690.4	\$3,845.6	\$2,931.0	\$448.6	1.4x	1.3x	9.4x	7.8x	14.8x	15.4x	21%	10%	30%	20%	15.3%
Ncsoft	A036570	KR	31-Mar-23	\$223.98	\$4,548.5	\$3,215.2	\$1,733.5	\$390.3	1.9x	1.8x	8.3x	8.0x	15.7x	17.6x	-13%	4%	-23%	4%	22.5%
NetMarble	A251270	KR	31-Mar-23	\$37.28	\$3,054.5	\$4,475.3	\$2,028.2	\$70.0	2.2x	2.0x	33.7x	20.4x	NM	78.9x	3%	13%	-62%	216%	3.4%
Pearl Abyss	A263750	KR	31-Mar-23	\$39.94	\$2,447.7	\$2,305.8	\$291.4	\$29.1	8.0x	5.6x	38.8x	40.0x	NM	26.4x	-4%	43%	-36%	100%	10.0%
Kakao Games	A293490	KR	31-Mar-23	\$24.94	\$2,035.1	\$2,677.0	\$867.0	\$183.6	3.1x	2.5x	37.8x	11.9x	NM	16.4x	-2%	23%	21%	23%	21.2%
DeNA	2432	JP	31-Mar-23	\$12.93	\$1,440.0	\$1,170.6	\$1,014.9	\$77.0	1.3x	1.2x	14.1x	12.7x	24.4x	19.9x	3%	5%	-32%	30%	7.6%
GungHo Online	3765	JP	31-Mar-23	\$19.54	\$1,170.3	\$417.7	\$844.6	\$222.8	0.5x	0.5x	2.0x	1.9x	9.1x	8.1x	13%	4%	-2%	7%	26.4%
WeMade Entertainment	A112040	KR	31-Mar-23	\$29.65	\$991.8	\$1,048.0	\$327.0	-\$89.4	3.2x	1.7x	NM	NM	NM	NM	9%	89%	NA	99%	-27.3%
Gree	3632	JP	31-Mar-23	\$4.41	\$752.4	\$539.8	\$573.2	\$89.1	1.0x	1.1x	6.6x	9.2x	14.5x	18.5x	12%	-8%	18%	29%	15.6%
NHN Entertainment	A181710	KR	31-Mar-23	\$18.68	\$629.5	\$362.1	\$1,643.4	\$91.9	0.2x	0.2x	4.4x	2.7x	NM	22.6x	8%	14%	-25%	47%	5.6%
Com2uS	A078340	KR	31-Mar-23	\$46.01	\$537.2	\$641.0	\$595.5	\$3.0	1.1x	0.9x	NM	10.7x	11.1x	10.6x	35%	24%	-92%	1890%	0.5%
DOUBLEUGAMES	A192080	KR	31-Mar-23	\$32.00	\$528.9	\$372.6	\$469.9	\$151.1	0.8x	0.8x	2.5x	2.4x	NM	6.0x	0%	4%	-4%	3%	32.2%
DoubleDown Interactive	DDI	KR	31-Mar-23	\$9.57	\$474.2	\$211.6	\$313.1	\$100.1	0.7x	0.7x	2.1x	2.1x	NM	5.7x	-11%	3%	-9%	3%	32.0%
JOYCITY	A067000	KR	31-Mar-23	\$2.99	\$205.0	\$269.3	\$122.1	\$9.4	2.2x	2.1x	24.6x	12.9x	NM	18.2x	-16%	5%	-40%	125%	7.7%
GAMEVIL	A063080	KR	31-Mar-23	\$28.62	\$188.4	\$295.6	\$98.6	\$6.9	3.0x	1.9x	NM	16.9x	NM	37.6x	-4%	57%	-71%	157%	7.0%
T3 Entertainment	A204610	KR	31-Mar-23	\$1.29	\$86.2	\$25.4	\$57.2	\$9.5	0.4x	NA	3.0x	NA	8.8x	NA	9%	NA	19%	NA	16.6%
Me2on	A201490	KR	31-Mar-23	\$2.49	\$77.8	\$92.7	\$83.7	\$23.7	1.1x	NA	3.9x	NA	13.7x	NA	-1%	NA	-13%	NA	28.3%
Vespa	A299910	KR	31-Mar-23	\$2.64	\$20.5	\$29.5	\$2.1	-\$3.3	12.9x	NA	NM	NA	NM	NA	-92%	NA	NA	NA	-158.5%
								Average	2.9x	2.2x	13.3x	11.2x	17.6x	21.2x	1%	15%	-13%	131%	10.9%
								Median		1.8x		9.4x	16.3x	18.2x				26%	
Esports								Wedian	1.9x	1.0X	10.6x	9.4X	10.3X	10.2X	3%	10%	-13%	26%	15.6%
Skillz	SKLZ	US	31-Mar-23	\$9.10	\$192.6	-\$39.9	\$222.2	-\$105.7	NM	NM	NM	NM	NM	NM	-43%	-15%	NA	66%	-47.6%
Enthusiast Gaming Holdings	EGLX	CA	31-Mar-23	\$9.10	\$74.5	-\$39.9 \$85.8	\$146.7	-\$105.7	0.6x		NM	NM	NM	NM	-43%	-15% 5%	NA NA	92%	-47.6%
	9565	JP	NA NA	\$20.82	\$56.5	\$0.0	\$0.0	\$0.0		0.5x NA	NA	NA	NA	NA	0%	NA	0%	92% NA	-20.4% NA
Wellplayed Rizest	FAZE				*	** *	*	*	0.0x								NA	NA NA	
FaZe Holdings		US	31-Mar-23	\$0.49	\$37.0	\$12.4	\$66.8	-\$51.3	0.2x	NA	NM	NA	NM	NA	14%	NA			-76.8%
Astralis	ASTRLS	DK	31-Dec-22	\$0.26	\$15.1	\$13.7	\$12.6	\$0.4	1.1x	NA 0.5:	NM	NA	NM	NA	17%	NA 400/	NA	NA 400/	2.8%
Super League Gaming	SLGG	US	31-Mar-23	\$0.38	\$14.4	\$13.8	\$19.2	-\$24.5	0.7x	0.5x	NM	NM	NM	NM	NM	49%	NA	40%	-127.2%
Guild Esports	GILD	GB	31-Mar-23	\$0.01	\$4.9	\$7.9	\$8.7	-\$6.8	0.9x	NA 1.0:	NM	NA	NM	NA	NM	NA FOO(	NA	NA 400/	-78.1%
Esports Entertainment Group	GMBL	MT	31-Mar-23	\$1.18	\$3.9	\$28.1	\$31.9	-\$18.9	0.9x	1.9x	NM	NM	NM	NM	NM	-53%	NA	18%	-59.4%
								Average	0.6x	1.0x	NM	NM	NM	NM	-1%	-4%	0%	54%	-52.6%
								Median	0.6x	0.5x	NM	NM	NM	NM	8%	-5%	0%	53%	-53.5%

Source: CapIQ, As of June 30, 2023, in \$M except share price, EV/EBITDA and P/E multiples less than 0 and greater than 100 are denoted as NM



## **PUBLIC MARKET VALUATIONS**

# ONLINE / MOBILE GAME DEVELOPERS IN CHINA / INDIA / SE ASIA AND HARDWARE / PLATFORMS / ADVERTISING / TOOLS

Nelfsen NFES ON 31-Mar-23 (98-69) 880-477.0 \$44,056 \$1,246.6 \$5,569.0 \$3.4 \$2.3 \$3.8 \$1.22 \$1.20 \$1.98 \$19.4 \$98. \$99. \$179.0 \$19.0 \$2.0 \$2.0 \$2.0 \$2.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1	## Part	COMPANY NAME China, South East Asia (US and HKG list	TICKER ted) & India	COUNTRY	LTM	PRICE	MCAP	EV	REVENUE LTM	EBITDA LTM	EV/RI	EVENUE NTM	EV/E LTM	BITDA NTM	PRICE/E	ARNINGS NTM	REVENUE LTM	E GROWTH NTM	EBITDA LTM	GROWTH NTM	EBITDA / RE
Sea Limited SE SG 31 3446-23 858 pt 52 594.7 \$50,021 8 51,291 5 52,002 1 8 51,291 5 52,002 1 8 71,000 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Second	Tencent Holdings	700	CN	31-Mar-23	\$42.32	\$401,040.3	\$413,536.8	\$82,843.3	\$18,347.4	5.0x	4.7x	23.1x	13.9x	14.8x	18.9x	2%	12%	-7%	71%	22.1%
Sea Limited  SE  SG  31 May-22  \$850.01  \$32 May-22  \$850.01  \$32 May-22  \$850.01  \$32 May-22  \$350.01  \$35 May-22	Second   S	NetEase	NTES	CN	31-Mar-23	\$96.69	\$60,472.0	\$48,055.6	\$14,264.6	\$3,569.0	3.4x	3.3x	13.2x	12.0x	19.8x	18.4x	8%	9%	17%	18%	25.0%
\text{YY} \text{YY} \text{V} \text{V} \text{CN} \text{3} \text{3} \text{Model} \text{S0} \text{7} \text{ \$\ \chincolor{1}{2}\text{2}\text{5}\text{ \$\ \chincolor{1}{2}\text{2}\text{5}\text{ \$\ \chincolor{1}{2}\text{5}\text{2}\text{5}\text{ \$\ \chincolor{1}{2}\text{5}\text{2}\text{5}\text{5}\text{ \$\ \chincolor{1}{2}\text{5}\text{2}\text{5}\t	Y	Sea Limited	SE	SG	31-Mar-23	\$58.04	\$32,894.7	\$30,921.8		\$67.5	2.5x	2.2x	79.6x	13.7x	NM	19.3x	14%	10%	NA	NM	0.5%
No	2400   CN   31-be-22   \$2.51   \$1,166   \$677.9   \$677.4   \$78.0   2.0x   1.7x   Not 22.9x   Not 22.9x   7.7x   Not 22.9x   Not 1597.0   2.7x   Not 1597.0   1.7x   N	G-bits Network	603444	CN	31-Mar-23	\$67.72	\$4,878.3	\$4,514.5	\$739.9	\$302.9	6.4x	5.5x	15.7x	13.1x	24.9x	21.3x	7%	18%	7%	20%	40.9%
NetDagge 777 CN 31-Dec 22 3188 \$989.7 \$989.3 \$1140.5 \$225.3 0.08 0.08 0.08 30X 3.44 \$5.00 F0.0 12% 7% 1-19% 59.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 1	## 100   ##	YY	YY	CN	31-Mar-23	\$30.71	\$2,123.5	-\$649.7	\$2,371.4	\$203.5	NM	NM	NM	NM	13.4x	27.5x	-9%	0%	44%	9%	8.6%
HUYA	March   Miles   Mile	XD	2400	CN	31-Dec-22	\$2.51	\$1,186.6	\$974.9	\$497.4	-\$76.0	2.0x	1.7x	NM	22.9x	NM	84.3x	27%	22%	NA	159%	-15.3%
DramsNy	Part	NetDragon	777	CN	31-Dec-22	\$1.88	\$998.7	\$695.3	\$1,140.5	\$225.3	0.6x	0.6x	3.0x	3.4x	8.5x	6.0x	12%	7%	-13%	3%	19.8%
Nazora Nazora N Starbar N Starbar N Starbar S 14-bar 23 \$8.82 \$554.3 \$64.21 \$132.9 \$13.4. \$4.1x \$3.1x \$30.3x \$27.8x \$10.0 \$10.	Nazaria   Naza	HUYA	HUYA	CN	31-Mar-23	\$3.58	\$858.9	-\$559.2	\$1,267.3	-\$82.1	NM	NM	NM	NM	NM	NM	-22%	-4%	NA	32%	-6.5%
Armonous Grames 9900 CN 31-Dec 22 \$0.52 \$474.21 \$19.43 \$94.7 \$10.80 16c 0.6c MM 3.6c NM 3.6c NM 3.6c 37% NM NA 138% NM NA 134.2c NM NA	thossure Games	iDreamSky	1119	CN	31-Dec-22	\$0.44	\$614.7	\$842.4	\$396.4	-\$184.7	2.1x	1.4x	NM	5.1x	NM	7.0x	4%	63%	NA	195%	-46.6%
Durgame 8899 KY 31-Dec 22 \$0.03 \$37.1 \$11.0 \$51.6 \$10.8 \$0.4 NA NM NA NM NA 51% NA NA NA 74.2%	urgame 6889 KY 31-De-22 \$0.03 \$37.1 \$11.0 \$31.6 \$10.8 \$0.4 \$NA NM NA NM NA 51% NA NA NA 34. 34. 34. 34. 34. 34. 34. 34. 34. 34.	Nazara	Nazara	IN	31-Mar-23	\$8.82	\$584.3	\$542.1	\$132.9	\$13.4	4.1x	3.1x	30.3x	27.8x	NM	NM	75%	30%	18%	46%	10.1%
FingerTampo 6860 CN 31-Dec-22 \$0.01 \$24.5 \$81.1 \$12.07 \$-89.1 MN NA	Page	Archosaur Games	9990	CN	31-Dec-22	\$0.52	\$412.1	\$134.3	\$84.7	-\$103.0	1.6x	0.6x	NM	3.6x	NM	34.0x	-37%	NM	NA	138%	NM
FingerTango 680 CN 31-Dec-22 \$0.01 \$24.5 .\$81.1 \$12.07 .\$9.1 NM NA NM NA NM NA 30% NA NA NA NA A 7.6% Nate 1.20% NATE 1.2	Property	Ourgame	6899	KY	31-Dec-22	\$0.03	\$37.1	\$11.0	\$31.6	-\$10.8	0.4x	NA	NM	NA	NM	NA	51%	NA	NA	NA	-34.2%
Average 2.8h 2.8h 15.8 16.3k 26.3k 111% 17% 11% 69% 2.2h 0.5% 0.5% China (Shenzhen listed)  Culhoo 360	Average 2.8k 2.6k 27.5k 12.8k 16.3k 28.3k 11½ 17½ 69% -2.4k 6.4k 28.3k 11½ 17½ 69% -2.4k 6.4k 18.4k 19.3k 19.4k 13.1k 14.8k 19.3k 85% 17% 11½ 69% 0.55% 10.5		6860	CN	31-Dec-22	\$0.01	\$24.5	-\$81.1	\$120.7	-\$9.1	NM	NA	NM	NA	NM	NA	36%	NA	NA	NA	-7.6%
Median   2.3x   2.3x   19.4x   13.1x   14.8x   19.3x   8\%   11\%   12\%   39\%   0.3\%   0.5\%	Median   Care	Digital Hollywood	2022	CN	31-Dec-22	\$0.01	\$10.7	-\$13.0	\$11.1	-\$5.4	NM	NA	NM	NA	NM	NA	-13%	NA	NA	NA	-48.1%
Median	Median   Care									Average	2 8 v	2 6v	27 5v	12 8v	16 3v	26.3v	11%	17%	11%	60%	-2 4%
Outhoo 900 601360 CN 31-Mar-23 \$1.73 \$12,103.0 \$8,940.2 \$1,04.5 \$121.7 \$7.2x \$6.1x \$M\$ NM NM NM NM -17% NM NA NA 9.9% 73 Clames 002555 CN 31-Mar-23 \$5.55 \$6,040.6 \$6,029.8 \$9.00.2 \$2,341.1 \$463.3 \$3.0x \$21.6x \$1.76x \$2.0x \$2.4x \$4.2% \$1.0% \$1.0x \$2.0x \$4.0x \$1.0x	ulihoo 380 601360 CN 31-Mar-23 \$1.73 \$12,103.0 \$8,940.2 \$1,04.5 \$121.7 \$7.2x \$6.1x \$MM \$MM \$NM \$NM \$1.7% \$MN \$NA \$NA \$-9.3\$ \$1.65 \$Games \$0.02555 \$CN \$31-Mar-23 \$5.55 \$6,640.6 \$6.629.8 \$6.969.0 \$2.341.1 \$463.3 \$3.0x \$21.0x \$1.76x \$2.60 \$2.44x \$-2% \$1.9% \$1.75% \$2.49% \$1.98 \$1																				
37Games	Games	China (Shenzhen listed)																			
Beling Kunlum 300418 CN 31-Mar-23 \$5.55 \$6,840.6 \$6,629.8 \$983.0 \$141.3 \$10.1x 9.2x 46.3x 33.0x 48.3x 35.3x 4-4% 10% 27% 50% 20.4% 61ant Network 002555 CN 31-Mar-23 \$2.47 \$4,526.6 \$280.0 \$67.2 16.7x 86.x 69.0x 15.6x 39.9x 19.6x -8% 95% -229% 50% 10.6% 12.6% Kingnet Network 002521 CN 31-Mar-23 \$2.33 \$4,607.5 \$4,524.5 \$1,083.9 \$136.7 4.4x 3.6x 30.4x 16.9x 41.2x 21.3x 1-12% 22% 36% 10.6% 12.6% Kingnet Network 002521 CN 31-Mar-23 \$2.17 \$4,544.5 \$1,083.9 \$136.7 4.4x 3.6x 30.4x 16.9x 41.2x 21.3x 1-12% 22% 36% 10.6% 12.6% Kingnet Network 002521 CN 31-Mar-23 \$1.08 \$2.938.1 \$2.557.4 \$164.5 \$17.8 16.4x 18.2x NM 51.8x NM 82.2x 22.2x 15.9x 10.0x	Simple   South   Sou	Quihoo 360	601360	CN	31-Mar-23	\$1.73	\$12,103.0	\$8,940.2	\$1,304.5	-\$121.7	7.2x	6.1x	NM	NM	NM	NM	-17%	NM	NA	NA	-9.3%
Signt Network	am Network	37Games	002555	CN	31-Mar-23	\$4.81	\$10,643.0	\$9,559.0	\$2,341.1	\$463.3	4.3x	3.6x	21.6x	17.6x	26.0x	24.4x	-2%	19%	-17%	24%	19.8%
Perfect World O02624 CN 31-Mar-23 \$2.33 \$4.07.5 \$4.524.5 \$1.083.9 \$136.7 4.4x 3.6x 30.4x 16.0x 41.2x 21.3x 1-2½ 22% 38% 10.0% 12.0% 10.0%	Infect World	Beijing Kunlun	300418	CN	31-Mar-23	\$5.55	\$6,640.6	\$6,629.8	\$693.0	\$141.3	10.1x	9.2x	46.3x	33.0x	48.3x	35.3x	-4%	10%	27%	50%	20.4%
Kingnet Network 002517 CN 31-Mar-23 \$2-17 \$4,544.5 \$4,176.0 \$531.6 \$197.9 8.3x 6.3x 2.2 0x 15.9x 30.9x 24.2x 24% 32% 28.0 29.0 40% 37.2% 0.0 20 1	Ingest Network 002517 CN 31-Mar-23 \$2.17 \$4.54.5 \$4.176.0 \$531.6 \$197.9 8.3x 6.3x 22.0x 15.9x 30.9x 24.2x 24% 32% 22% 22% 40% 37.2 upplem 300315 CN 31-Mar-23 \$1.08 \$2.938.1 \$2.57.4 \$164.5 \$17.8 16.4x 18.2x NM 51.8x NM 88.2x 2.22% 1.0% 4.4% NA 10.8x Nurrelations 002174 CN 31-Mar-23 \$1.08 \$2.938.1 \$2.57.4 \$164.5 \$17.8 16.4x 18.2x NM 51.8x NM 88.2x 2.2x 22% 4.0% 4.4% NA 10.8x Nurrelations 002174 CN 31-Mar-23 \$0.97 \$1.599.3 \$1.591.9 \$250.3 \$83.3 6.6x NA NM NA NA NA NA 1.2x Nurrelations 300052 CN 31-Mar-23 \$2.79 \$730.1 \$736.5 \$39.1 \$2.77 19.9x 13.2x NM 75.7x NM NA 1.8% 51% NA NA NA NA 3.3x Nurrelations 300052 CN 31-Mar-23 \$2.79 \$730.1 \$736.5 \$39.1 \$2.7 19.9x 13.2x Nurrelations 300052 CN 31-Mar-23 \$2.79 \$730.1 \$736.5 \$39.1 \$2.7 19.9x 13.2x Nurrelations 30.0x 1.0x 1.0x 1.0x 1.0x 1.0x 1.0x 1.0x	Giant Network	002558	CN	31-Mar-23	\$2.47	\$4,724.4	\$4,525.6	\$286.0	\$67.2	16.7x	8.6x	69.5x	15.6x	39.9x	19.6x	-8%	95%	-28%	NM	23.5%
Durpain   300315   CN   31-Mar-23   \$1.08   \$2.938.1   \$2.557.4   \$164.5   \$17.8   16.4x   18.2x   NM   51.8x   NM   88.2x   \$2.29   \$4.49   NA   \$1.02   NA	urpelm 300315 CN 31-Mar-23 \$1.08 \$2.388.1 \$2.557.4 \$164.5 \$17.8 16.4x 18.2x NM 51.8x NM 88.2x -22% -10% 44% NA 10.8	Perfect World	002624	CN	31-Mar-23	\$2.33	\$4,607.5	\$4,524.5	\$1,083.9	\$136.7	4.4x	3.6x	30.4x	16.9x	41.2x	21.3x	-12%	22%	36%	106%	12.6%
Youzu Interactive 002174 CN 31-Mar-23 \$2.32 \$2.089.9 \$1,987.4 \$278.0 \$21.8 7.5% 7.8% 84.1% 32.0% NM 86.0% .32% -4% 5.7% 20.0% 7.8% 20.0% 7.8% 20.0% 7.8% 20.0% 20.	Display of the property of the	Kingnet Network	002517	CN	31-Mar-23	\$2.17	\$4,544.5	\$4,176.0	\$531.6	\$197.9	8.3x	6.3x	22.0x	15.9x	30.9x	24.2x	24%	32%	26%	40%	37.2%
Delian Zeus 002354 CN 31-Mar-23 \$0.97 \$1,599,3 \$1,591,9 \$250.3 -\$8.3 6.5x NA NM NA NA NA 1-13% NA NA NA 1-3.3% ZO Games 300052 CN 31-Mar-23 \$2.79 \$730.1 \$736.5 \$39.1 -\$2.7 19.9x 13.2x NM 75.7x NM NM 1-18% 51% NA NM 6.9.9% Modian 7.9x 7.8x 38.4x 24.8x 39.9x 24.4x 12% 27% 55% 84% 11.3% NA NA 1-13% NA NA NA NA NA 1-13% NA	Second   Column   C	Ourpalm	300315	CN	31-Mar-23	\$1.08	\$2,938.1	\$2,557.4	\$164.5	\$17.8	16.4x	18.2x	NM	51.8x	NM	88.2x	-22%	-10%	44%	NA	10.8%
ZQ Games 300052 CN 31-Mar-23 \$2.79 \$730.1 \$736.5 \$39.1 \$2.7 19.9x 13.2x NM 75.7x NM NM -18% 51% NA NM 6.9% NM 6	Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 51% NA NM -6.99	Youzu Interactive	002174	CN	31-Mar-23	\$2.32	\$2,089.9	\$1,987.4	\$278.0	\$21.8	7.5x	7.8x	84.1x	32.0x	NM	68.0x	-32%	-4%	-57%	200%	7.8%
ZO Games 300052 CN 31-Mar-23 \$2.79 \$73.1 \$736.5 \$39.1 \$32.7 \$19.9 \$ 13.2 \$NM 75.7 \$NM NM -18% 51% NA NM 6-6.9 **  **Parage 10.1 ** **Median 7.9 ** **To Redian 7.9 **	Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 51% NA NM 6.9 11.7   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 10.1x 8.5x 45.6x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 5.6x 3.6x 16.8x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 5.6x 3.6x 16.8x 32.3x 37.3x 40.1x -10% 27% 5% 84% 11.3   Average 5.6x 3.6x 16.8x 21.2x 30.8x 22.9x 9% 18% 10.1x 30.1x 51.4x 10.1x 10.1	Dalian Zeus	002354	CN	31-Mar-23	\$0.97	\$1,599.3	\$1,551.9	\$250.3	-\$8.3	6.5x	NA	NM	NA	NM	NA	-13%	NA	NA	NA	-3.3%
Median 7.9x 7.8x 38.4x 24.8x 39.9x 24.4x -12% 21% 26% 50% 11.7%  Hardware, Platforms, Advertising & Tools  NVIDIA NVDA US 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,678.0 \$6,090.0 \$40.3x 21.7x NM 52.1x NM 47.2x -12% 86% -51% 229% 23.5%  Dell DELL US 5-May-23 \$54.11 \$39,351.1 \$69,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 6.7x 7.5x 9.7x -7% -10% -12% 229% 7.6%  Roblox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$2,343.3 \$909.0 10.2x 6.7x 6.7x 6.72x 62.7x NM NM 13% 51% NA 142% -38.8%  Hewlett Packard HPE US 30-Apr-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 1.1x 1.1x 6.0x 6.7x 6.7x 7.9x NM 79.2x 31% 44% NA 159% 141.0 \$1.00	Median 7.9x 7.8x 38.4x 24.8x 39.9x 24.4x -12% 21% 26% 50% 11.7  **ardware, Platforms, Advertising & Tools**  **I/DIA** NVDA** US** 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,678.0 \$6,090.0 40.3x 21.7x NM 52.1x NM 47.2x -12% 86% 50% 229% 23.5  **all** DELL** US** 5-May-23 \$54.11 \$39,351.1 \$60,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 6.7x 7.5x 9.7x -7% -10% -12% 23% 7.69  **ablox** RBLX** US** 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$23,433.3 \$909.0 10.2x 6.7x 6.7x 6.7x 6.7x 6.7x 7.5x 9.7x -7% -10% -12% 23% 7.69  **ablox** RBLX** US** 31-Mar-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 10.2x 6.7x 6.7x 6.7x 6.7x 6.7x 6.7x 6.7x 7.5x 9.7x -7% 5.0x 10.2x 10.2		300052	CN	31-Mar-23	\$2.79	\$730.1	\$736.5	\$39.1	-\$2.7	19.9x	13.2x	NM	75.7x	NM	NM	-18%	51%	NA	NM	-6.9%
Hardware, Platforms, Advertising & Tools NVIDIA NVDA US 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,878.0 \$6,090.0 \$40.3x \$21.7x \$NM \$52.1x \$NM \$47.2x \$1.2% \$86% \$-51% \$229% \$23.5% \$1.00 \$	Median 7.9x 7.8x 38.4x 24.8x 39.9x 24.4x -12% 21% 26% 50% 11.7  **ardware, Platforms, Advertising & Tools**  **I/DIA** NVDA** US** 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,678.0 \$6,090.0 40.3x 21.7x NM 52.1x NM 47.2x -12% 86% 50% 229% 23.5  **all** DELL** US** 5-May-23 \$54.11 \$39,351.1 \$60,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 6.7x 7.5x 9.7x -7% -10% -12% 23% 7.69  **ablox** RBLX** US** 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$23,433.3 \$909.0 10.2x 6.7x 6.7x 6.7x 6.7x 6.7x 7.5x 9.7x -7% -10% -12% 23% 7.69  **ablox** RBLX** US** 31-Mar-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 10.2x 6.7x 6.7x 6.7x 6.7x 6.7x 6.7x 6.7x 7.5x 9.7x -7% 5.0x 10.2x 10.2									Average	10.1v	8 5v	45.6v	32 3v	37 3v	40.1v	-10%	27%	5%	8.4%	11 3%
NVIDIA NVDA US 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,878.0 \$6,090.0 40.3x 21.7x NM 52.1x NM 47.2x -12% 86% 51% 229% 23.5% Dell DELL US 5-May-23 \$54.11 \$393,51.1 \$60,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 67.7x 7.5x 9.7x -7% -10% -12% 23% 7.6% Roblox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$23,433\$909.0 10.2x 6.7x 67.2x 62.7x NM NM 13% 51% NA 142% 38.8% Hewlett Packard HPE US 30-Apr-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 11.1x 11.1x 6.6x 6.2x 11.3x 8.6x 6% -2% 7% 59% 17.2% Unity U US 31-Mar-23 \$43.42 \$16,441.3 \$17,945.5 \$1,571.3 -\$644.7 11.4x 7.9x NM 47.3x NM 79.2x 31% 44% NA 159% -41.0% Logitech LOGN CH 31-Mar-23 \$59.50 \$9,444.2 \$8,344.8 \$4,538.8 \$599.2 1.6x 2.1x 13.2x 13.8x 26.2x 24.2x -17% 10% -34% 19% 49.00 \$3.2 \$4,000 \$4,0	N/DIA N/DA US 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,878.0 \$6,090.0 \$40.3x \$21.7x \$NM \$52.1x \$NM \$47.2x \$-12% \$66% \$-51% \$229% \$23.5 \$10.00 \$1.00 \$																				11.7%
NVIDIA NVDA US 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,878.0 \$6,090.0 40.3x 21.7x NM 52.1x NM 47.2x -1.2% 86% -51% 229% 23.5% Dell DELL US 5-May-23 \$54.11 \$393,51.1 \$60,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 67.7x 7.5x 9.7x -7% -1.0% -1.2% 23% 7.6% Roblox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$2,343.3 -\$909.0 10.2x 6.7x 67.2x 62.7x NM NM 13% 51% NA 12% 38.8% Hewlett Packard HPE US 30-Apr-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 11.1x 11.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 59% 17.2% Unity U US 31-Mar-23 \$43.42 \$16,441.3 \$17,945.5 \$1,571.3 -\$644.7 11.4x 7.9x NM 47.3x NN 79.2x 31% 44% NA 159% -41.0% Logitech LOGN CH 31-Mar-23 \$59.50 \$9,444.2 \$8,344.8 \$4,538.8 \$599.2 11.6x 2.1x 13.2x 13.8x 26.2x 24.2x -1.7% -10% -34% 19.2 Applovin APP US 31-Mar-23 \$25.73 \$8,951.7 \$10,967.7 \$2,907.0 \$754.5 3.8x 3.6x 14.3x 8.9x NM 67.9x 3% 4% 479% 63% 26.0% MSI 2377 TW 31-Mar-23 \$5.66 \$4,784.1 \$3,795.6 \$6,760.6 \$16,723.5 \$28.8 0.4x 0.4x 23.7x 13.5x 91.0x 14.5x -8% 1% 6.98% NM 0.2% Aper 2353 TW 31-Mar-23 \$1.00 \$7,494.6 \$6,760.6 \$16,723.5 \$28.8 0.4x 0.4x 23.7x 13.5x 91.0x 14.5x -8% 1% 6.98% NM 0.2% Aper 2353 TW 31-Mar-23 \$1.01 \$3,018.5 \$2,256.6 \$8,178.8 \$162.7 0.3x 0.3x 12.2x 9.8x 29.0x 20.3x -23% 1% 6.98% NM 0.2% Refer 2353 TW 31-Mar-23 \$1.01 \$3,018.5 \$2,256.6 \$8,178.8 \$162.7 0.3x 0.3x 12.2x 9.8x 29.0x 20.3x -23% 1% 6.98% NM 0.2% Refer 2353 TW 31-Mar-23 \$1.32 \$73.9 \$60.0 \$91.8 \$5.4 0.7x 0.5x 11.6x 5.8x NM 12.4x 91% 25% 0% 88% 6% Bidstack BIDS GB 31-Mar-23 \$1.32 \$73.9 \$60.0 \$91.8 \$5.4 0.7x 0.5x 11.6x 5.8x NM	N/DIA N/DA US 30-Apr-23 \$423.02 \$1,046,183.2 \$1,042,943.2 \$25,878.0 \$6,090.0 \$40.3x \$21.7x \$NM \$52.1x \$NM \$47.2x \$-12% \$66% \$-51% \$229% \$23.5 \$10.00 \$1.00 \$	Hardware, Platforms, Advertising & Too	ls																		
Dell Dell US 5-May-23 \$54.11 \$39,351.1 \$60,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 6.7x 7.5x 9.7x -7% -10% -12% 23% 7.6% Roblox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$2,343.3 -\$909.0 10.2x 6.7x 67.2x 62.7x NM NM 13% 51% NA 142% -38.8% 16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 1.1x 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2%	Bell DELL US 5-May-23 \$54.11 \$39,351.1 \$60,971.1 \$97,107.0 \$7,409.0 0.6x 0.7x 7.8x 6.7x 7.5x 9.7x -7% -10% -12% 23% 7.69 oblox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$2,343.3 \$909.0 10.2x 6.7x 67.2x 62.7x NM NM NM 13% 51% NA 142% -38.8 watest Packard HPE US 30-Apr-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 1.1x 1.1x 6.0x 6.2x 11.3x 8.6x 6% 5.2x 77 7.5x 9.7x 7.5x 9.7x 7.5x 9.7x 7.6x 1.0x 1.0x 1.0x 1.0x 1.0x 1.0x 1.0x 1.0	, ,		US	30-Apr-23	\$423.02	\$1.046.183.2	\$1.042.943.2	\$25.878.0	\$6.090.0	40.3x	21.7x	NM	52.1x	NM	47.2x	-12%	86%	-51%	229%	23.5%
Roblox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$2,343.3 -\$909.0 10.2x 6.7x 67.2x 62.7x NM NM 13% 51% NA 142% -38.8% Hewlett Packard HPE US 30-Apr-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 1.1x 1.1x 6.0x 6.2x 11.3x 8.6x 6% 2.2% 7% 7% 5.5% 17.2% Unity U US 31-Mar-23 \$43.42 \$16,441.3 \$17,945.5 \$1,571.3 \$644.7 11.4x 7.9x NM 47.3x NM 79.2x 31% 31% 31.4x 31.	Belox RBLX US 31-Mar-23 \$40.30 \$24,610.4 \$23,904.6 \$2,343.3 \$909.0 10.2x 6.7x 67.2x 62.7x NM NM 13% 51% NA 142% -38.8 8 wheth Packard HPE US 30-Apr-23 \$16.80 \$21,697.5 \$33,271.5 \$29,604.0 \$5,099.0 1.1x 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.6x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.0x 6% -2% 7% 5% 17.2 1.1x 6.0x 6.2x 11.3x 8.0x 6.0x 6% -2% 7% 5% 17.2 1.1x 1.1x 6.0x 6.2x 11.3x 8.0x 6.0x 6% -2% 7% 5% 17.2 1.1x 1.1x 6.0x 6.2x 11.3x 8.0x 6.0x 6% -2% 7% 5% 17.2 1.1x 1.1x 6.0x 6.2x 11.3x 8.0x 6.0x 6% -2% 7% 5% 17.2 1.1x 1.1x 6.0x 6.2x 11.3x 8.0x 6.0x 6% -2% 7% 5% 17.2 1.1x 1.1x 8.0x 11.2x 1.1x 1.1x 1.1x 1.1x 1.1x 1.1x 1.																				
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Source: CapIQ, As of June 30, 2023, in \$M except share price, EV/EBITDA and P/E multiples less than 0 and greater than 100 are denoted as NM



## GLOBAL REACH COMBINED WITH LOCAL PRESENCE

ONE OF THE LARGEST TECH TEAMS WITH OVER 100 PROFESSIONALS IN THE US, EUROPE, AND MIDDLE EAST

5 countries







450+
transactions



70% cross-border transactions



8 offices



3 continents







100+
professionals





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