DRAKE STAR

GLOBAL GAMING REPORT 2023

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

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

GAMING DEAL TEAM

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tastypill SALE TO AZUR GAMES — Mobile Games	Videndum SALE OF LIGHTSTREAM, Rainmaker 3D, api.stream TO Xsolla — Video Game / Content Livestreaming	spiketrap SALE TO reddit — Gaming Audience AI / Analytics	WILDWORKS SALE TO Nazara — Video Games Developer	animoca BRANDS — EQUITY SALE — Asset Managers Hedge Funds — Blockchain Gaming	FIREFLY STUDIOS, Stronghold Warlords, Stronghold Kingdoms SALE TO DEVOLVER DIGITAL — PC / Mobile Games
ECHTRA SALE TO zynga — AAA Games	CODEMASTERS, DIRT, GRID HAS ACQUIRED SLIGHTLYMAD STUDIOS — AAA Game Developer	FreshPlanet, SONGPOP SALE TO GAMELOFT, A subsidiary of vivendi — Mobile Games	elgato GAMING SALE TO CORSAIR — Video Game / Content Streaming	BLAST SALE TO VEKSTFONDEN, CREANDUM, MAKI.VC, HERETIC DRE — Esports	chillingo SALE TO EA — Mobile Game Publisher
LIGHTSTREAM SALE TO CS CREATIVE SOLUTIONS, THE VITEC GROUP — Gaming & Content Cloud Livestreaming	HEARST corporation, UGO SALE TO IGN — Game Review and Advertising	nWay, Power Rangers SALE TO animoca BRANDS — Mobile / Console Games	* OUYA SALE TO RAZER — Gaming Console	* WGT MEDIA SALE TO TOPGOLF — Mobile / Online Gaming	* aeria GAMES HAS MERGED WITH Gamepot, SONY — Mobile / Online Gaming

* - transactions executed by current Drake Star Partners employees while employed at other firms

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ROBUST YEAR IN GAMING WITH SEVERAL HIGH-PROFILE DEALS

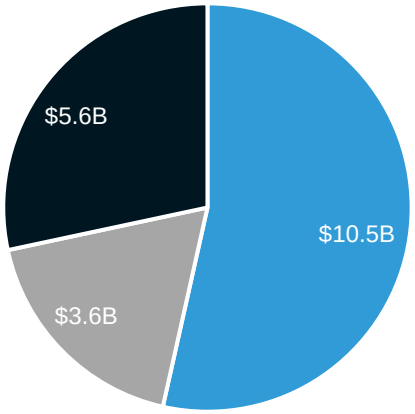
$86B
Disclosed value for closed deals

965
Closed deals

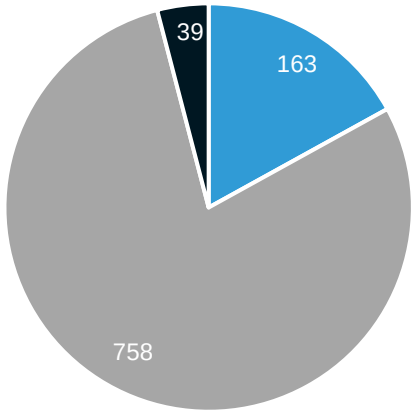
$20B
Disclosed value for announced deals

960
Deals announced

Deal Value ($B)



Deal Count



M&A PP Public Markets

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

Note: Deal count includes announced M&A, private placement, IPOs, SPACs, and public financing deals. Drake Star did not act as financial advisor on transactions listed on this page

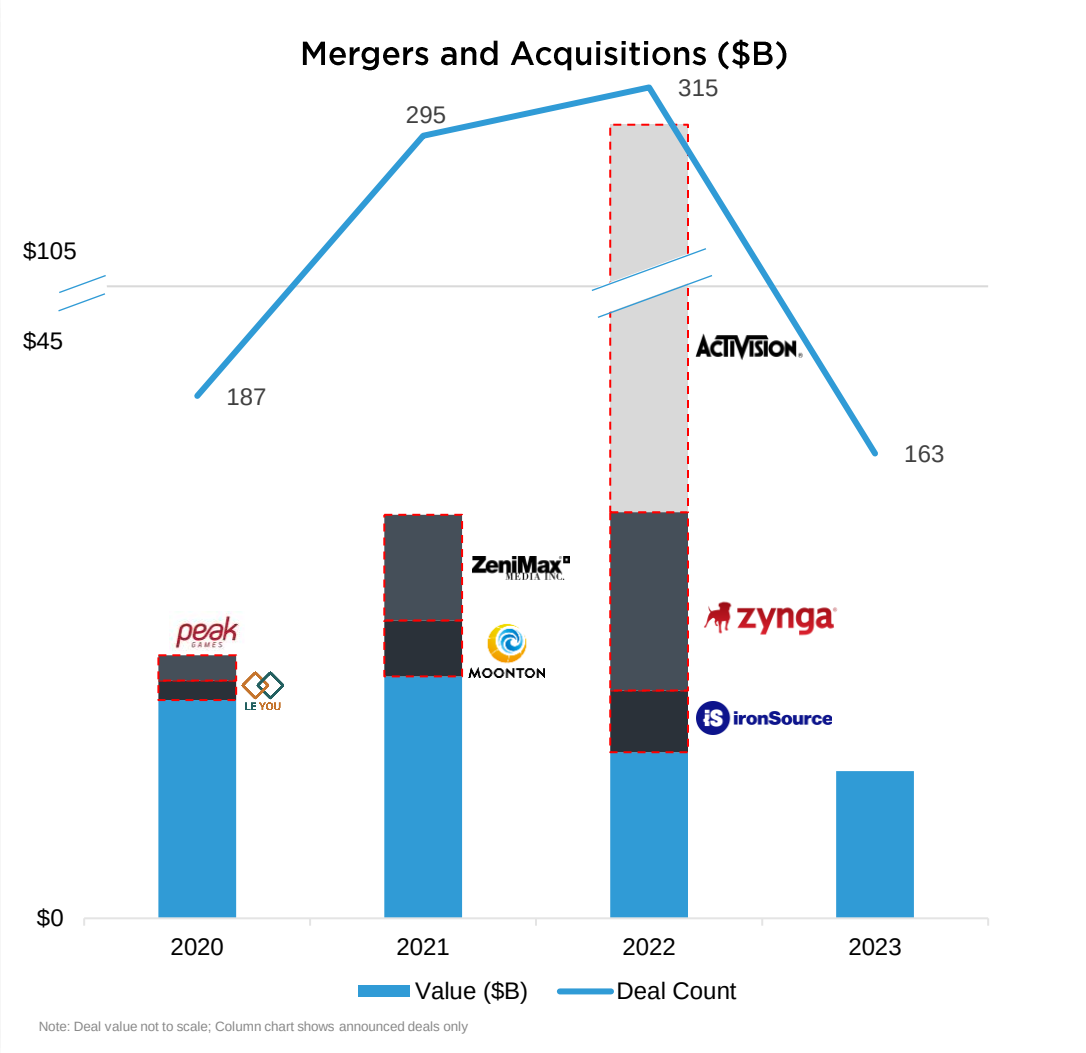
2023 Summary

- With $86B in disclosed value for closed deals, 2023 was a record year for gaming from a deal value standpoint, mainly due to the much-awaited closing of Microsoft's acquisition of Activision in Q4'23 after over a year of regulatory tussle. The total disclosed value for announced deals was just over $20B in 960 deals during 2023, tracing back to pre-COVID levels.
- 163 M&A deals were announced during 2023 with over $10.5B in disclosed deal value. Savvy Games Group/PIF's acquisition of Scopely for $4.9B led the chart and Kahoot's acquisition by Goldman Sachs consortium ($1.7B) and Techland's majority acquisition by Tencent ($1.6B) were the only other $B+ deals during the year. The deal value of most of the mid-sized and smaller deals was not disclosed.
- PC / console was again the most active M&A segment (44 deals), closely followed by mobile (37) and platform/tools (25). Deal activity went back to pre COVID levels as early as Q1 with Q3 reporting the lowest number of deals, and a 30% quarterly growth in Q4 again.
- Over $3.5B was raised in 750+ financing rounds of private companies, comparable to the $3.4B raised in 2020 (excluding the large Epic Games deal). Mobile was the most active segment (168), followed by blockchain (159) and platform/tools (143). Top financings were VSPO ($265M), Candivore ($100M) and Second Dinner ($100M). The most active VCs in early to late stage included Bitkraft, a16z, Play Ventures and Griffin Gaming while the most active seed stage VCs were Goodwater Capital, 1Up Ventures, Sfermion and Shima Capital.
- Drake Star Gaming Index saw a gradual recovery during the year (11.5%), outperforming the broader markets during the first seven months of the year while sliding below in the 2nd half. VanEck Video Gaming ETF was up 32.4% for the year.

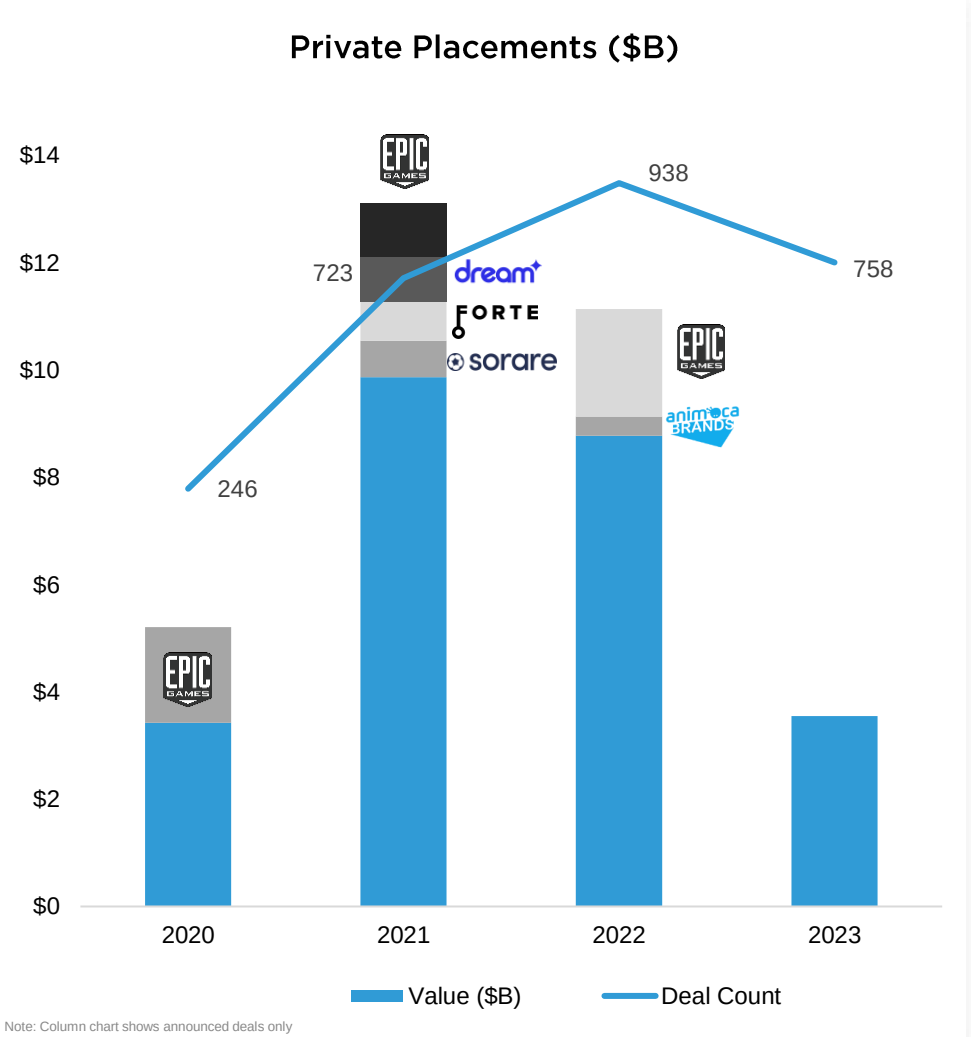
Q4 Summary

- With 43 announced deals, M&A activity picked up compared to the last quarter (33 deals). While there were no large value deals, M&A activity for smaller / midsized deals remained healthy but most of them with undisclosed deal value. Top deals for the quarter included Aonic/nDreams, Keywords/The Multiplayer Group, MTG/Snowprint and Devolver/System Era.
- Over $600M was raised in 162 private financing deals in Q4, as the financing market in converging to the pre-COVID levels. Some of the notable raises were Animoca Brands ($50M), Leonardo.Ai ($47M), Strikerz ($40M) and ON ($25M). Over 85% of the financings were for seed and early-stage companies as investors remained cautions on mid to late-stage financings.
- In public markets, gaming companies saw a strong rebound from its lows in October with Drake Star Gaming Index recovering all its losses (growing over 13%). Grand Centrex Limited (GCL), a Singapore-based video game distributer and publisher, is going public on Nasdaq via a SPAC deal valued at $1.2B.

M&A AND PRIVATE FINANCINGS CONVERGING TO PRE-COVID LEVELS



Note: Deal value not to scale; Column chart shows announced deals only



Note: Column chart shows announced deals only

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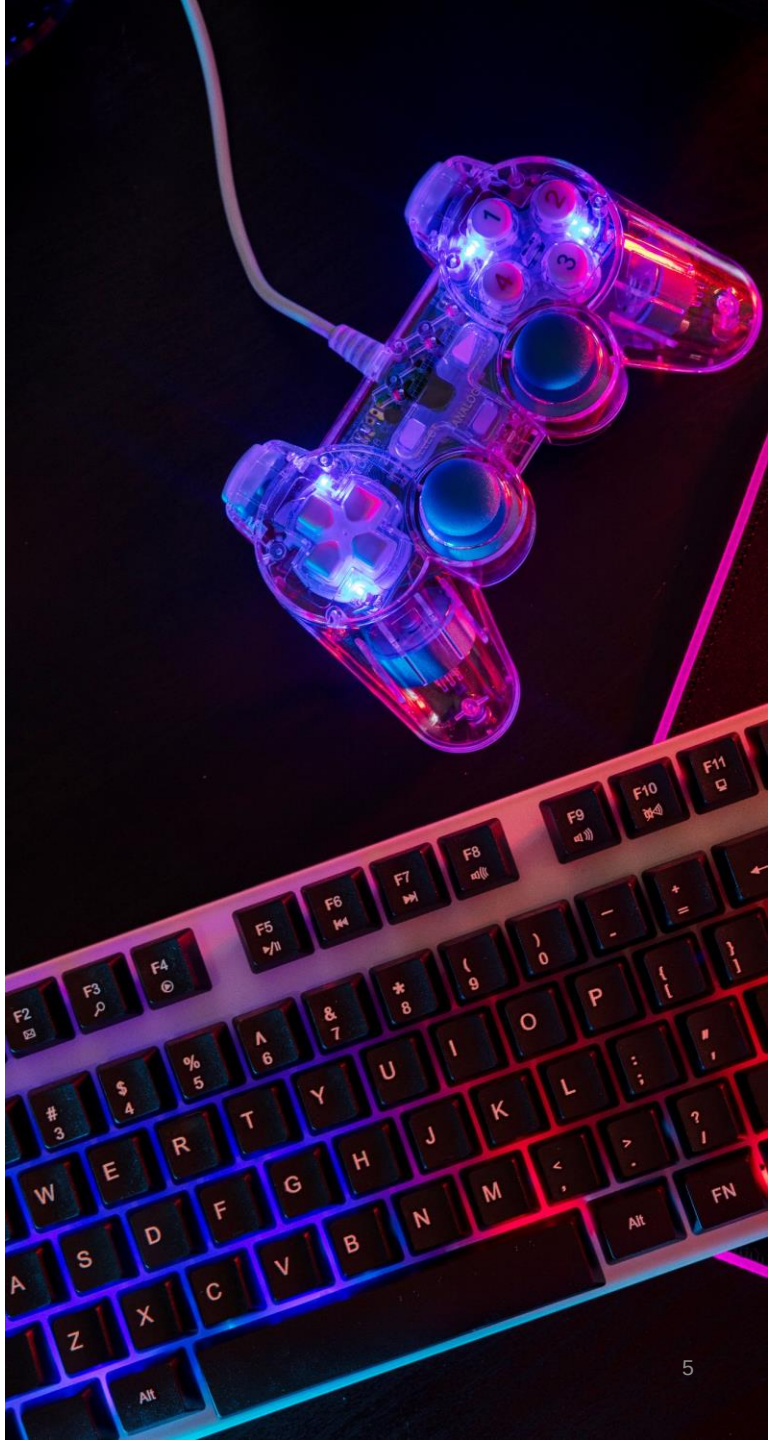
GAMING M&A TRANSACTIONS: 2023

TOP 10 ANNOUNCED DEALS

TARGET	ACQUIRER	SEGMENT	DATE	DEAL SIZE ($M)	UPFRONT (CASH + EQUITY)	EARNOUT	TARGET COUNTRY
SCOPELY	SAVVY GAMES GROUP	Mobile	Apr-23	$4,900.0	$4,900.0	-	
Kahoot!	Goldman Sachs Asset Management, General Atlantic, LEGO	Mobile	Jul-23	$1,720.0	$1,720.0	-	
TECHLAND	Tencent	PC/Console	Jul-23	$1,580.0	$1,580.0	-	
ROVIO	SEGA	Mobile	Apr-23	$775.0	$775.0	-	
SciPlay	LIGHT & WONDER	Mobile	May-23	$422.0	$422.0	-	
INNPLAY LABS.	Playtika	Mobile	Sep-23	$300.0	$80.0	$220.0	
youda GAMES	Playtika	Mobile	July-23	$165.0	$89.4	$75.6	
nDreams	AONIC	VR/AR	Nov-23	$110.0	$110.0	-	
DIGITAL MEDIA MANAGEMENT	Keywords STUDIOS	Others	Mar-23	$100.0	$67.5	$32.5	
THE MULTIPLAYER GROUP	Keywords STUDIOS	PC/Console	Dec-23	$97.1	$97.1	-	



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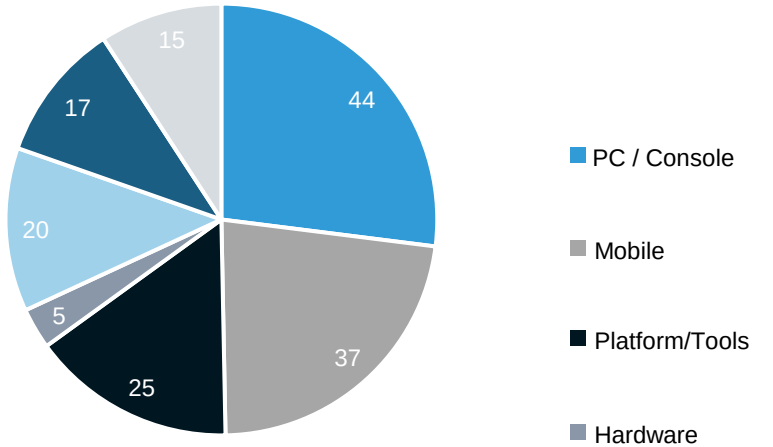
Source: CapIQ, Pitchbook & DSP Research

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

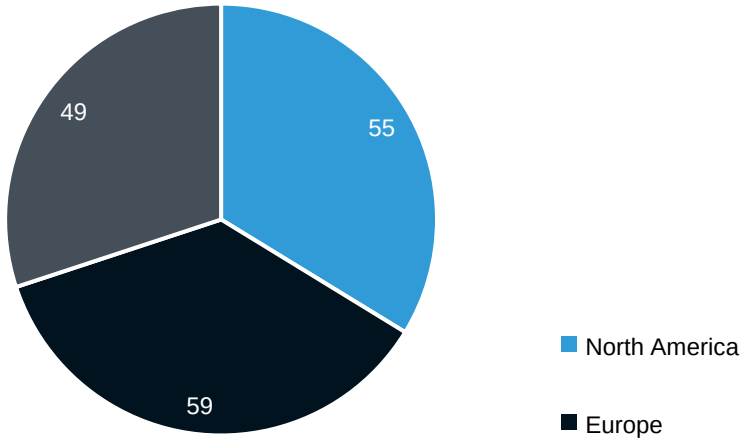
GAMING M&A TRANSACTIONS: 2023

163 DEALS ANNOUNCED AND $10.5B IN DISCLOSED DEAL ACTIVITY

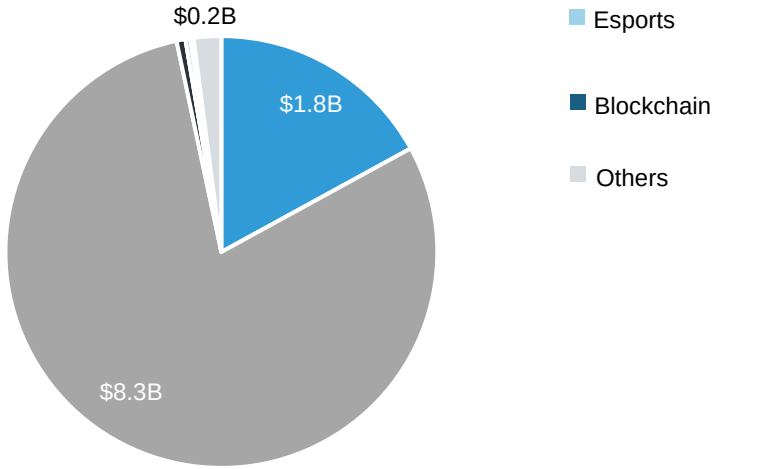
OF DEALS BY SEGMENT



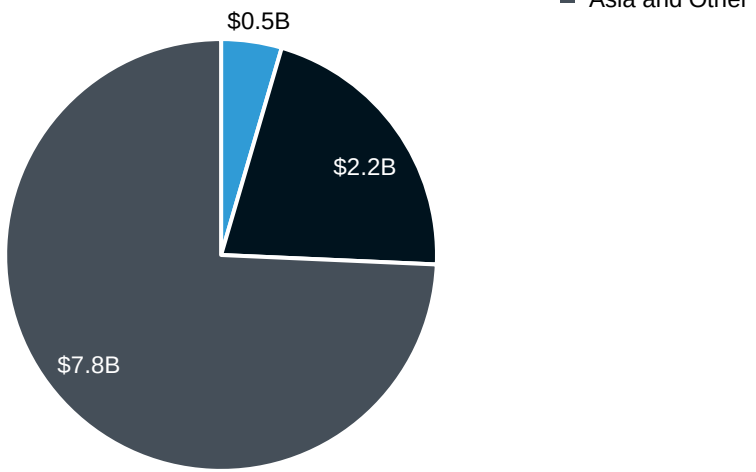
OF DEALS BY REGION

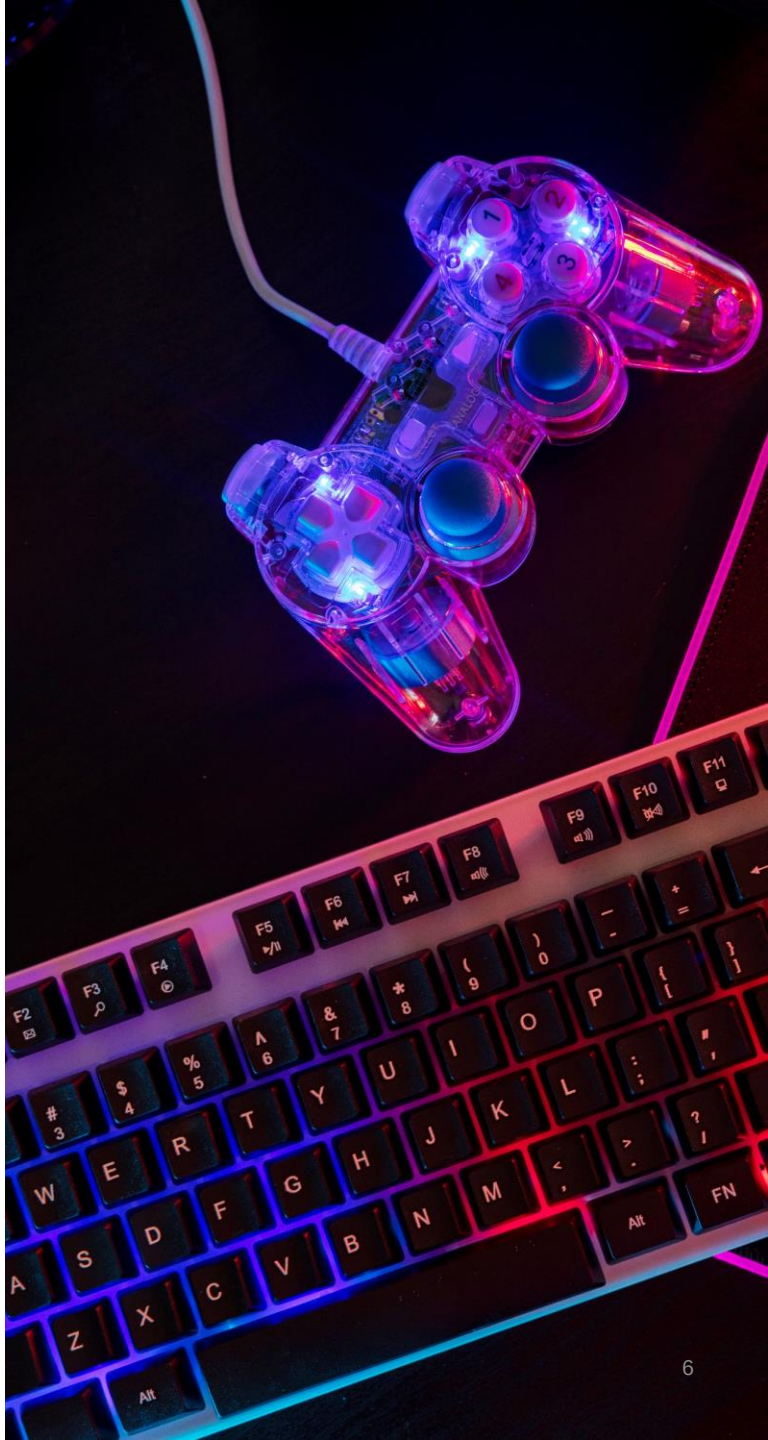


DEAL VALUE ($B) BY SEGMENT



DEAL VALUE ($B) BY REGION





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Note: Pie charts show announced deals

GAMING PRIVATE PLACEMENTS: 2023

TOP 15 PRIVATE PLACEMENTS

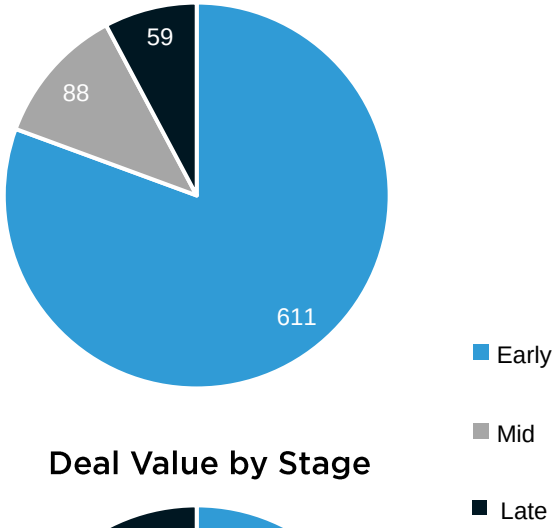
TARGET	SEGMENT	DATE	DEAL VALUE ($M)	VALUATION ($M)	TOTAL RAISED ($M)	SELECT INVESTORS	TARGET COUNTRY
VSPO	eSports	Feb-23	$265.0	-	$561.8	Savvy Games Group	
CANDIVORE	Mobile	Aug-23	$100.0	-	$122.6	Haveli Investments	
Second Dinner	Mobile	Sep-23	$100.0	~$400.0	$130.0	Griffin Gaming Partners, NetEase Games	
BELIEVER	PC/Console	Mar-23	$55.0	-	$55.0	Lightspeed Venture Partners, Riot Games, Bitkraft Ventures, Andreessen Horowitz	
STORY PROTOCOL	Blockchain	Sep-23	$54.0	-	$84.0	Andreessen Horowitz, Endeavor, 11:11 Media, Hashed, Samsung NEXT, Mirana Ventures, Foresight Ventures	
Futureverse	Blockchain	Jul-23	$54.0	-	$54.0	10T Holdings, Ripple	
inworld	Platform/Tools	Aug-23	$50.0	$500.0	$119.8	Lightspeed Venture Partners, Samsung NEXT, M12 fund, First Spark Ventures, LG Technology Ventures	
VELOCE MEDIV GROUP	eSports	Jul-23	$50.0	-	$60.0	GEM Digital	
EVERDOME	Blockchain	Apr-23	$50.0	-	$70.0	GEM Digital, OKX, Binance, Epic Games	
LIGHT FIELD LAB	Hardware	Feb-23	$50.0	$180.0	$85.0	NCSoft, Samsung Electronics, Verizon Ventures, Liberty Global Ventures, Corning, LG Technology Ventures, Khosla Ventures, Others	
animoca BRANDS	Blockchain	Nov-23	$50.0	-	$943.3	Saudi Arabia's NEOM	
anzu	Platform/Tools	Jun-23	$48.0	-	$65.0	Sony Innovation Fund, HBSE Ventures, NBCUniversal, PayPal Ventures, 021fund, BITKRAFT, Samsung NEXT	
Leonardo.Ai	Platform/Tools	Dec-23	$47.0	-	$47.0	Blackbird Ventures, Goodwater Capital, Piton Capital, Riverwood Capital, Samsung NEXT Ventures, Serena Capital, Side Stage Ventures, Others	
CCP	PC/Console	Mar-23	$40.0	-	$40.0	Andreessen Horowitz, Nexon, Makers Fund, BITKRAFT Ventures, Kingsway Capital, Hashed	
STRIKERZ INC.™	PC/Console	Dec-23	$40.0	-	$40.0	Christiano Ronaldo, Others	

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

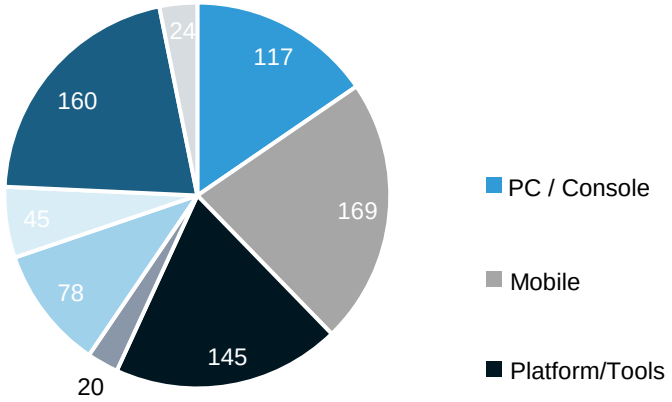
GAMING PRIVATE PLACEMENTS: 2023

758 DEALS AND $3.6B IN DISCLOSED PRIVATE PLACEMENTS

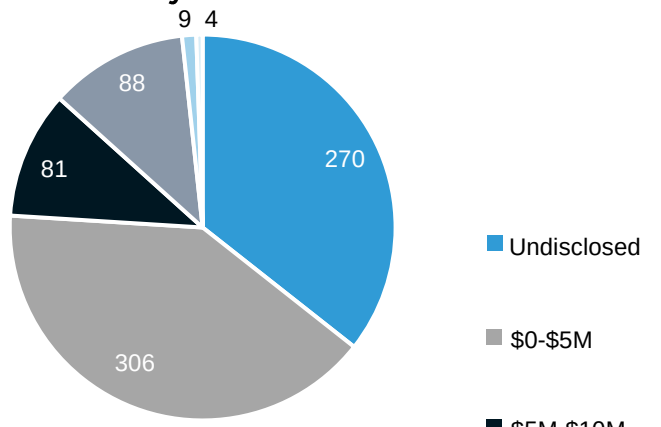
of Deals by Stage



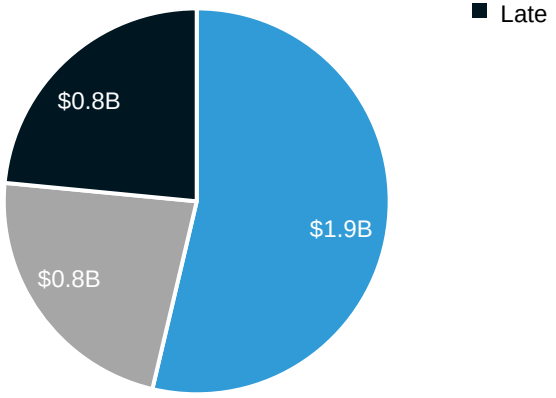
of Deals by Segment



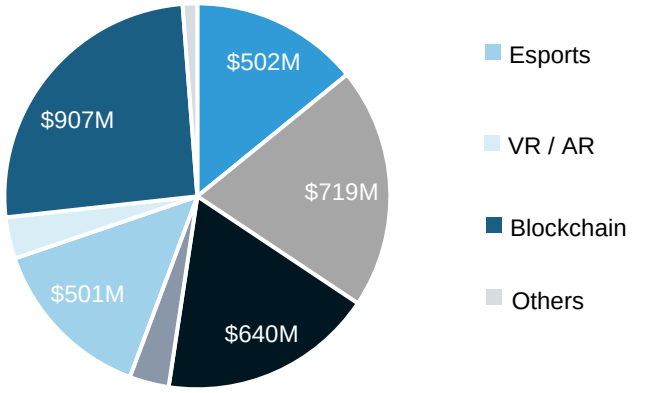
of Deals by Amount Raised



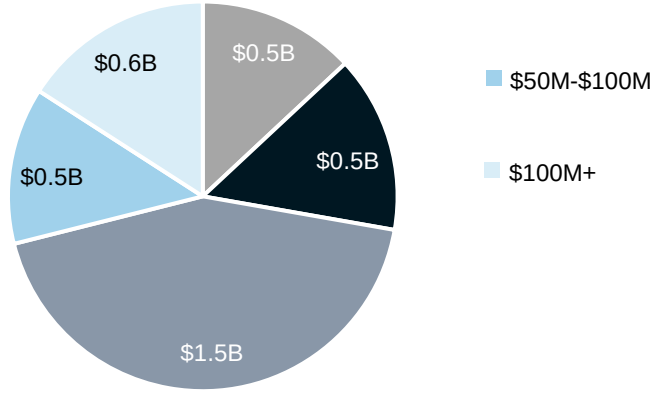
Deal Value by Stage



Deal Value by Segment



Deal Value by Amount Raised



Source: CapIQ, Pitchbook & DSP Research

GAMING KEY HEADLINES: Q4 2023

M&A

- Aonic Group, a gaming conglomerate, acquired a prominent virtual reality game developer, nDreams for $110M to further expand its position in VR and mixed reality games landscape
- Keywords Studios, a global provider of game and entertainment services, purchased The Multiplayer Group, a UK-based multiplayer game development studio, for $97M to further strengthen its “Create” division
- Modern Times Group acquired a majority stake in a developer focused on free-to-play mobile midcore games, Snowprint Studios, for $45M providing them with tools and knowledge to diversify revenues and expand its user base
- Devolver Digital acquired System Era Softworks, an award-winning, multiplatform video game developer, for $40M extending its reach beyond premium indie titles leveraging System Era’s knowledge of Expandable Game style development
- Atari, one of the most iconic gaming industry brands, bought Digital Eclipse, a studio that specializes in preserving and rereleasing retro games on modern hardware, for $20M expanding its internal development capabilities
- Xsolla acquired Lighstream, Rainmaker and api.stream to further expanding its reach to influencers through Xsolla Partner Network

Fundraising

- Animoca Brands, a game publisher with hundreds of investment in Web3 games, raised $50M from Saudi Arabia’s NEOM to build Web3 enterprise service capabilities with global commercial applicability
- Leonardo.AI, a generative AI content production platform, received $47M financing from Blackbird, Side Stage Ventures, Smash Capital, TIRTA Venture, Samsung NEXT and others to continue building tech and team to empower creativity around the world
- Strikerz, an international gaming company working on UFL football game, raised $40M from Christiano Ronaldo to revolutionize the interaction between football fans and the gaming world
- GameOn Technology received $25M from Equiam, B3 Capital and others to help enterprises productize generative AI chats
- Noice, games livestreaming company, raised $21M from Bitkraft, F4 Fund and others for promoting the platform and growing its team
- Neon Machine, extraction shooter Shrapnel developer, raised $20M from Polychain Capital and others to continue game development

Public Markets

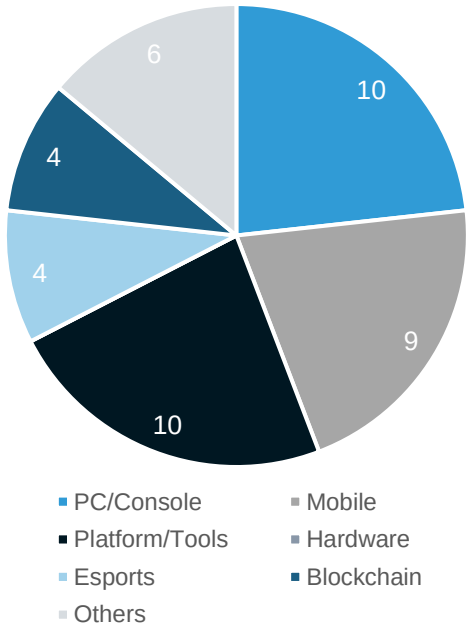
- Grand Centrex, a Singapore-based video game publisher and distributor, signed an agreement to go public via merger with RF Dynamic LLC, a special purpose acquisition company, valuing Grand Centrex at $1.2B. The company will be listed on Nasdaq under “GCL” ticker
- Aonic Group issued $70M worth of senior secured callable floating rate bonds to finance the investment in the remaining recently acquired shares in nDreams. The remaining proceeds will be used to finance general corporate purposes of the Group,

Note: Drake Star acted as financial advisor to Lighstream

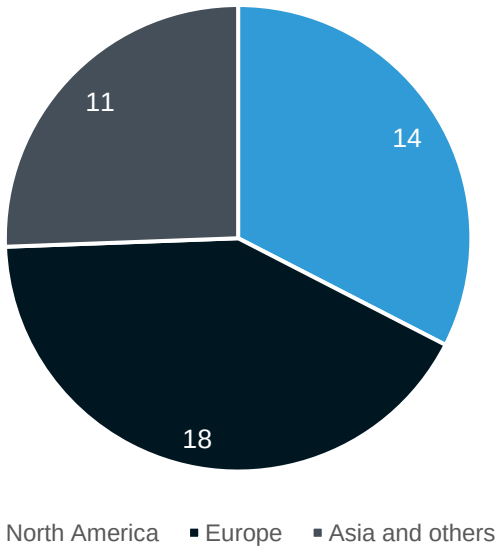
GAMING M&A TRANSACTIONS Q4 2023

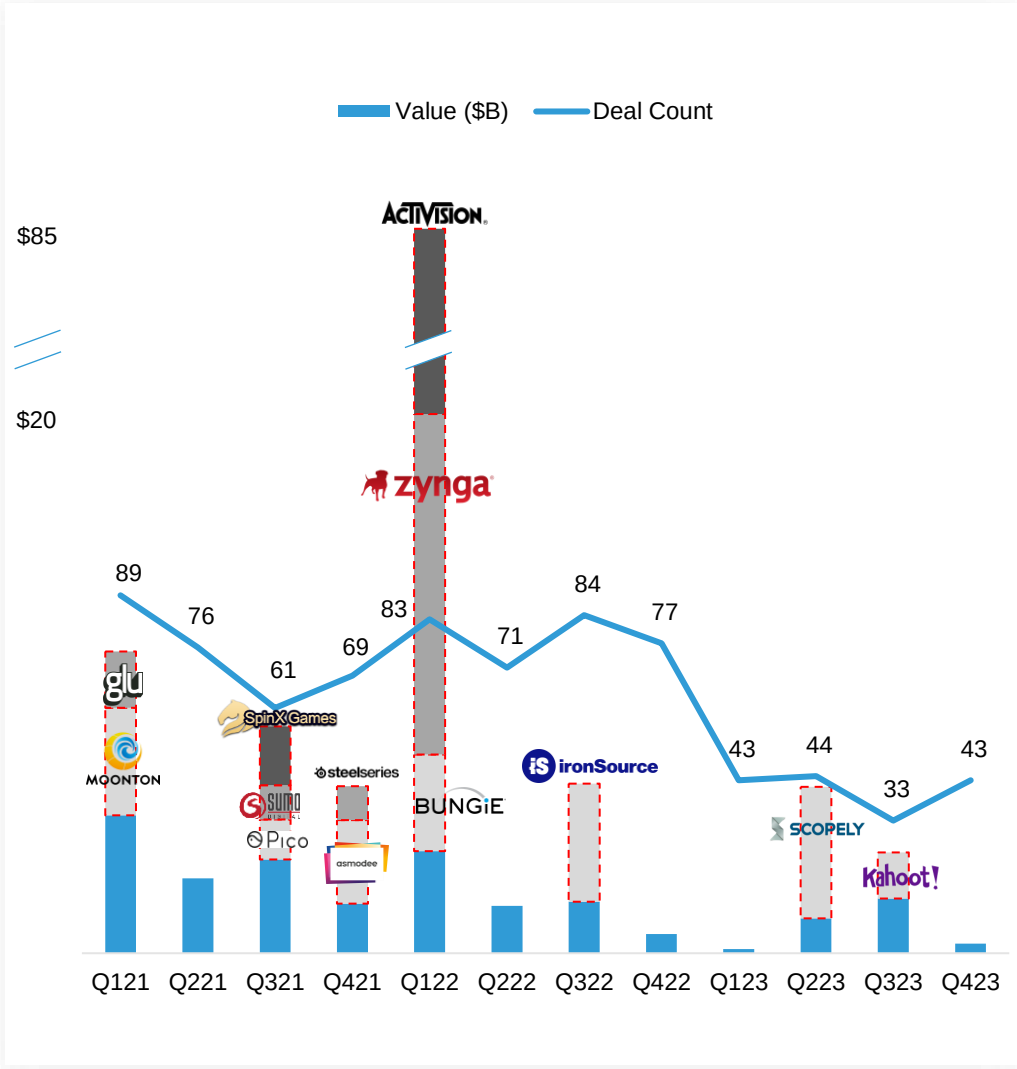
43 DEALS AND $358M IN ANNOUNCED DEALS

OF DEALS BY SEGMENT Q4 2023



OF DEALS BY REGION Q4 2023





GAMING M&A TRANSACTIONS Q4 2023

43 ANNOUNCED DEALS

AONIC nDreams — $110M

- Aonic Group, a gaming conglomerate, acquired nDreams In a deal valued at $110M
- The acquisition signifies Aonic's strategic move to further consolidate on the rapidly growing landscape of VR and mixed reality games
- nDreams brings unparalleled expertise in XR technologies, positioning itself as a valuable asset for other studios under Aonic's ownership

Keywords Studios — The Multiplayer Group — $97.1M

- Keywords Studios, a global provider of game and entertainment services, acquired The Multiplayer Group for $97.1M
- The acquisition is important step in building out Keyword's platform and expanding offering into specialized multiplayer game development at scale
- MPG's leadership will remain the same and it will continue to lead and grow multiplayer innovation

MTG — Snowprint — $45M

- Modern Times Group acquired a 70% stake in mobile games developer, Snowprint Studios for $45M
- The acquisition is closely aligned with MTG's growth strategy and enables to add a critically acclaimed Warhammer 40,000: Tacticus game to the portfolio
- MTG will be able to accelerate Snowprint's growth by providing team access to Flow Platform, market leading business intelligence and UA capabilities

Devolver Digital — System Era — $40M

- Devolver Digital, indie games developer and publisher, acquired multi-platform video game developer, System Era, for $40M
- The acquisition represents an opportunity for Devolver to expand outside of premium indie titles
- Devolver will capitalize on System Era's development expertise in creating quality, community-centered, long-life titles, proven by the success of Astroneer

Atari — Digital Eclipse — $20M

- Atari, an interactive company and iconic industry brand, acquired Digital Eclipse for $22M
- Digital Eclipse focuses on the digital restoration of classic video games. The acquisition allows Atari to expand its internal development capabilities by utilizing DE's experience and proprietary technology
- Digital Eclipse receives access to world-class IP and Atari's management expertise for further expansion

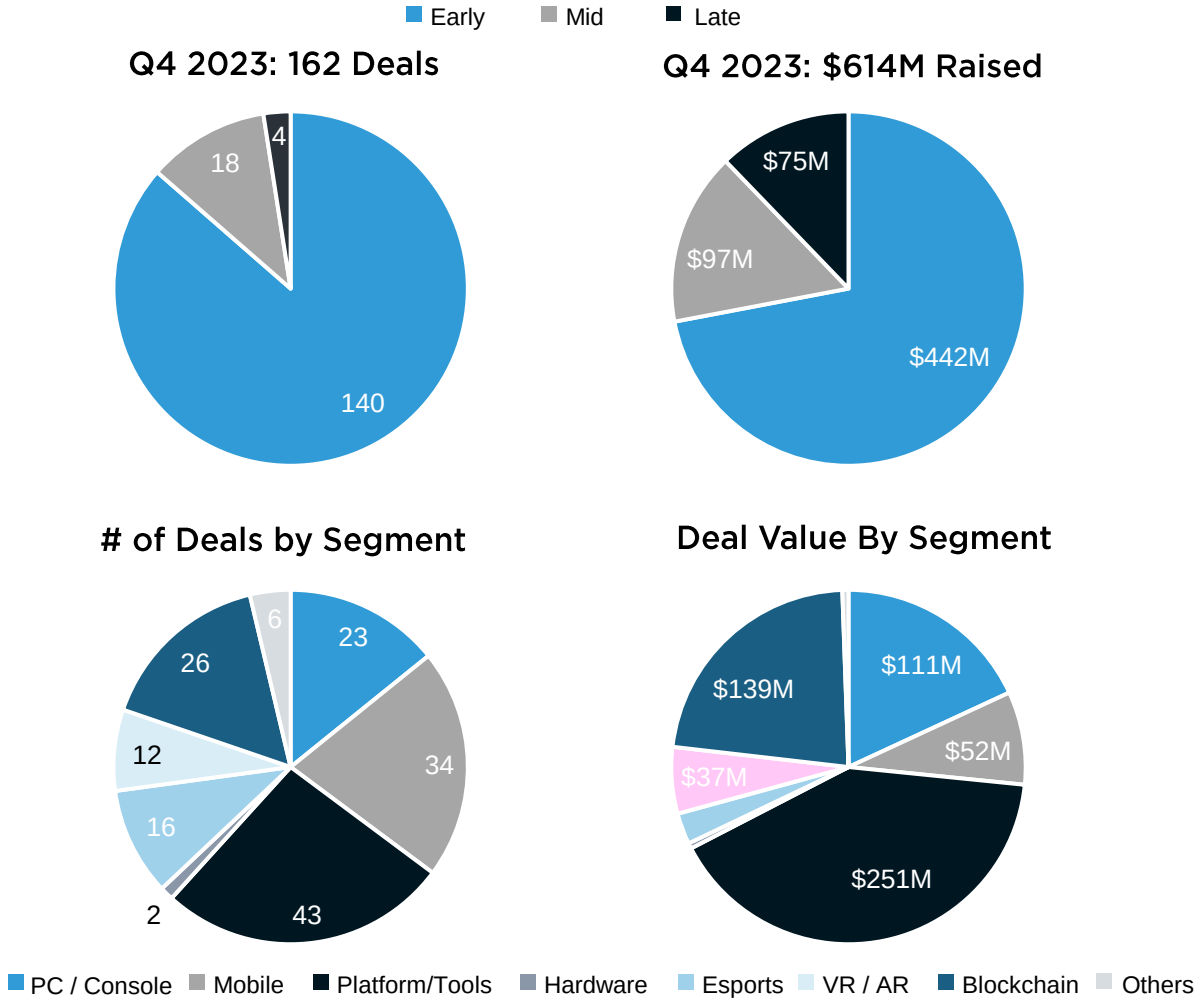
Xsolla — Lightstream — Rainmaker GG — api.stream

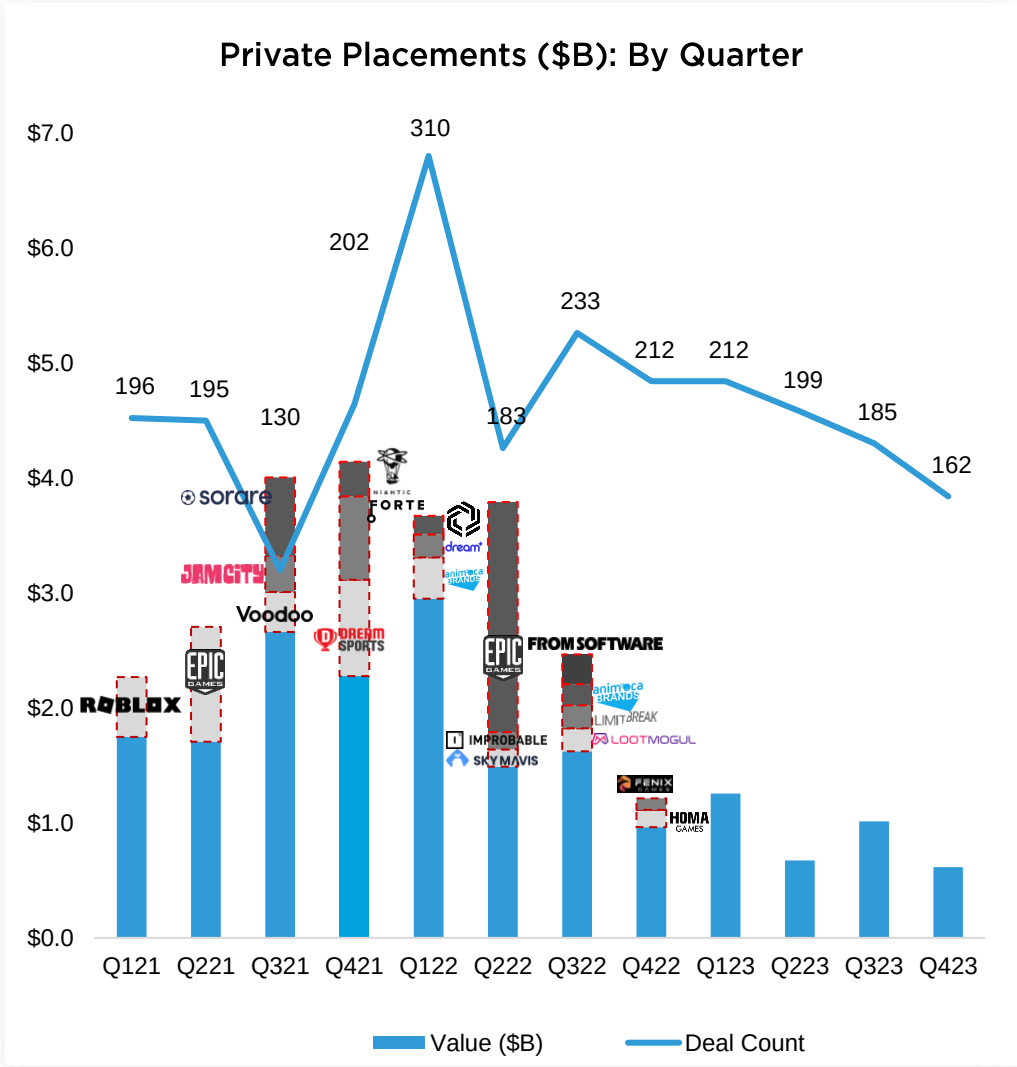
- Xsolla, a video game commerce company, acquired Lighstream, Rainmaker and api.stream
- Lightstream's tools simplify content creation and distribution. The acquisition allows Xsolla to expand Xsolla Partner Network with the new tools and resources for streaming and gaming content creation
- Lighstream will be able to continue enhancing the user experience and providing additional features

Source: CapIQ, Pitchbook & DSP Research
Note: Drake Star acted as a financial advisor to Lightstream on its sale to Xsolla

GAMING PRIVATE PLACEMENTS Q4 2023

162 DEALS AND $614M IN DISCLOSED PRIVATE PLACEMENTS





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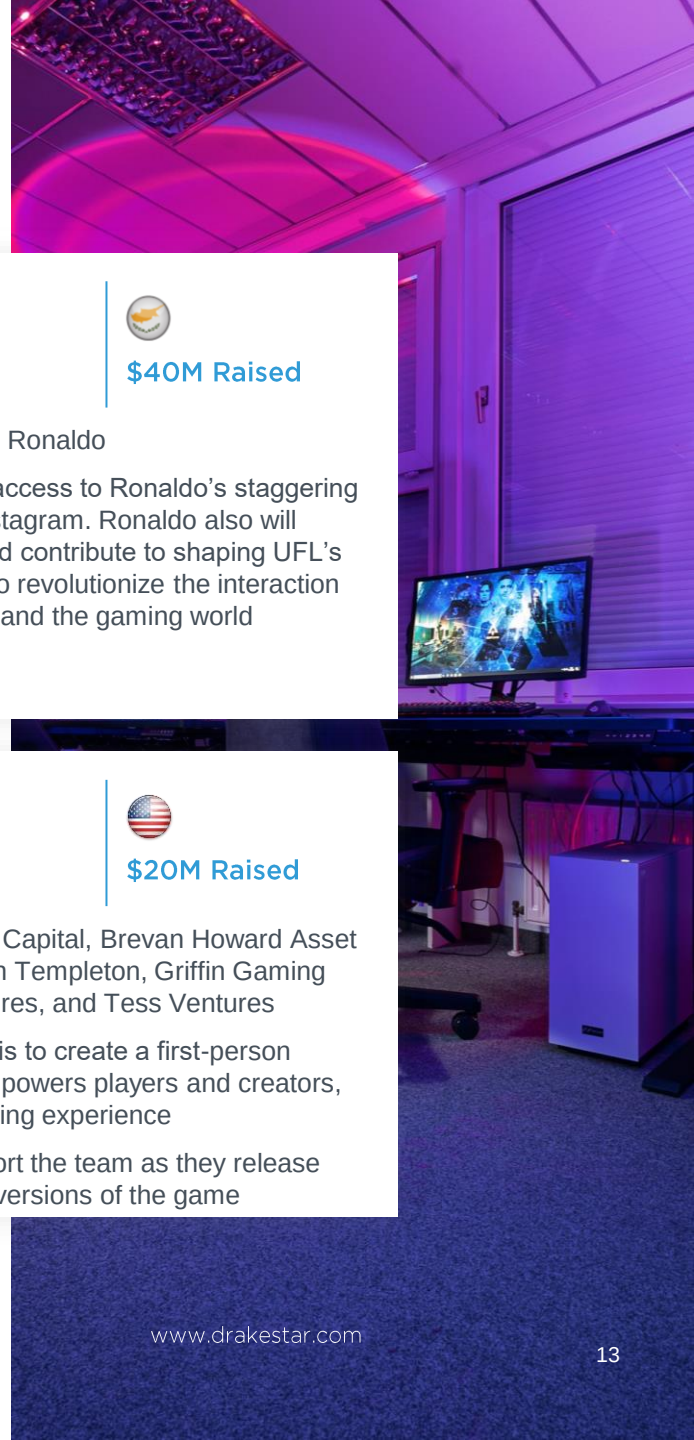

$50M Raised

- Investors – Saudi Arabia's NEOM
- The funding is a part of NEOM's partnership with Animoca Brands under which companies will collaborate to build Web3 enterprise service capabilities with global commercial applicability. The new funds aim to bolster Animoca Brands' capacity to develop and promote the Web3 ecosystem

$47M Raised

- Investors – Blackbird Ventures, Gaorong Capital, Goodwater Capital, Piton Capital, Riverwood Capital, Samsung NEXT, Serena Capital, Side Stage Ventures, Smash Capital, Tirta Management
- The new funding will allow the company to hire more sales and marketing team members as it scales out its enterprise product. Company also plans to build its engineering team to continue enhancing its tech

$40M Raised

- Investors – Christiano Ronaldo
- The funding enables access to Ronaldo's staggering 614M followers on Instagram. Ronaldo also will actively participate and contribute to shaping UFL's development aiming to revolutionize the interaction between football fans and the gaming world

$25M Raised

- Investors – Equiam, B3 Capital, Commonwealth Financial Network, Mirae Asset Venture Investments
- GameOn Technology rebranded as ON
- The fresh capital infusion will be used to focus on empowering businesses to leverage generative AI for creating products. Company will also use the funds to fuel growth and expansion into new sectors

$21M Raised

- Investors – BITKRAFT Ventures, Sedona Holdings, Team Builder Ventures, F4 Fund
- Noice aims to revolutionize social gaming with a combination of livestreaming and multiplayer gaming in one platform
- The fresh capital injection will be used for promoting the platform and growing the team

$20M Raised

- Investors – Polychain Capital, Brevan Howard Asset Management, Franklin Templeton, Griffin Gaming Partners, IOSG Ventures, and Tess Ventures
- Neon Machine's goal is to create a first-person shooter game that empowers players and creators, offering a unique gaming experience
- The funding will support the team as they release incremental playable versions of the game

Source: CapIQ, Pitchbook & DSP Research
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MOST ACTIVE VC'S

10 MOST ACTIVE FINANCIAL GAMING INVESTORS 2023

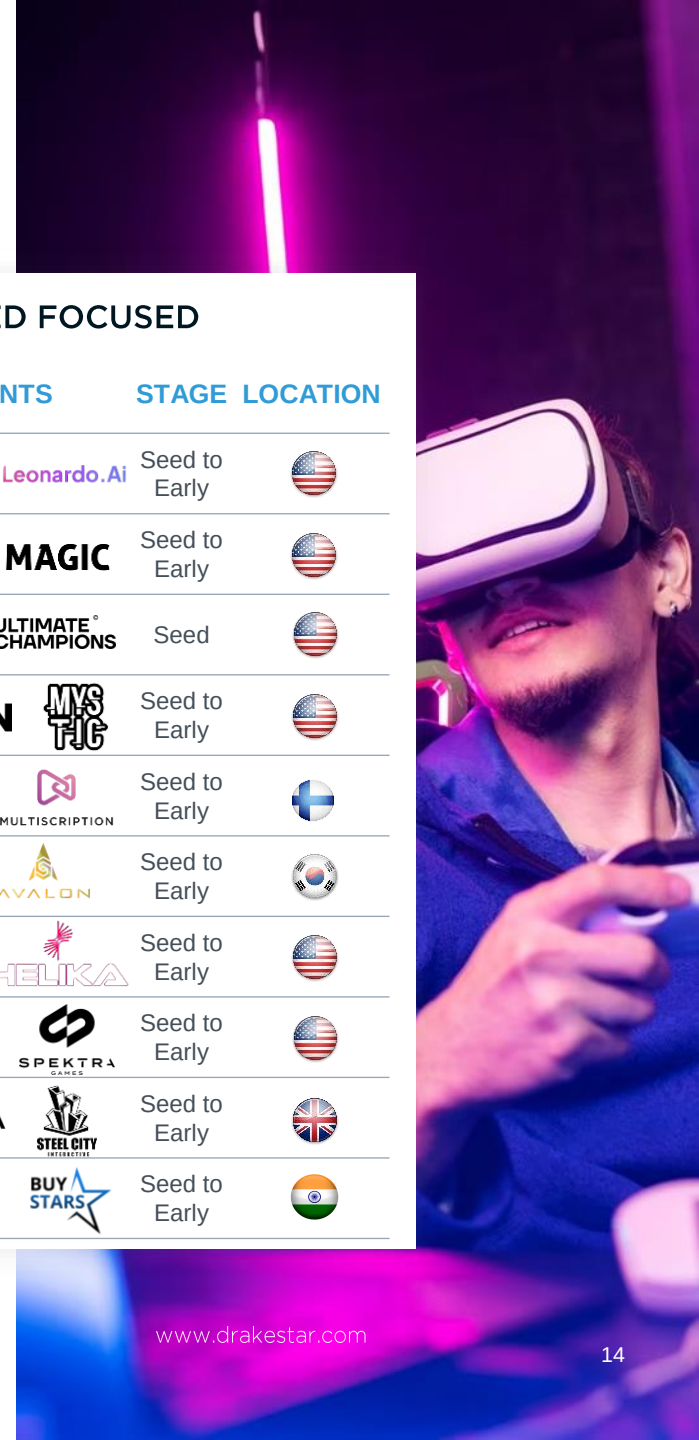
VC LEAGUE TABLE – EARLY TO LATE

VC	DEALS	SELECT INVESTMENTS	STAGE	LOCATION
BITKRAFT	24	anzu, LUDO, SERIES AI	Seed to Late	
andreessen horowitz	13*	SERIES AI, VOLDEX, Pahdo Labs	Seed to Late	
PLAY VENTURES	12	Redemption Games, scenario, Nefta	Seed to Late	
GRIFFIN GAMING PARTNERS	11	Second Dinner, eloelo, Riftweaver Game Studio	Seed to Late	
MAKERS FUND	9	WORLD MAKERS, GRAND ATTIC, BLACKTOP HOOPS	Seed to Late	
vgames	9	FRANTIC, PeerPlay, PLAYSTREAM.GG	Seed to Late	
KONVOY	5	VITAL, MINO, Carry1st	Seed to Late	
HIRD CAPITAL	5	NOODLE CAT, LIGHTFOX Games, telltale	Seed to Late	
Lightspeed	3	BELIEVER, inworld, GARDENS	Seed to Late	
Transcend.	3	GARDENS, COSMIC LOUNGE, FANG & CLAW	Seed to Late	

VC LEAGUE TABLE – SEED FOCUSED

VC	DEALS	SELECT INVESTMENTS	STAGE	LOCATION
GOODWATER CAPITAL	11	GAMETREE, Champions Round, Leonardo.Ai	Seed to Early	
VENTURES	10	WICKED SAINTS STUDIOS, GENPOP, MAGIC	Seed to Early	
Sfermion	10	STRIDER, ULTIMATE CHAMPIONS	Seed	
SHIMA CAPITAL	9	MYTHIC PROTOCOL, PIXION, MYSTIC	Seed to Early	
GAME VENTURES	9	ULTIMATE CHAMPIONS, ROCKY ROAD, MULTISCRIPTION	Seed to Early	
#HASHED	9	delabs, CCP, AVALON	Seed to Early	
BIG BRAIN HOLDINGS	8	PUDGY PENGUINS, INTELLA X, HELIKA	Seed to Early	
THE GAMES FUND	8	included, RED ROVER INTERACTIVE, SPEKTRA	Seed to Early	
lvp.	5	LNW, PROXIMA, STEEL CITY INTERACTIVE	Seed to Early	
Lumikai	5	QURIOUS games, STUDIO SIRAH, BUY STARS	Seed to Early	

Source: CapIQ, Pitchbook & DSP Research
Note: The league tables above do not include accelerator investments



GAMING LEAGUE TABLES: TOP BUYERS

TOP 10 STRATEGIC BUYERS 2023

BUYERS LEAGUE TABLE

COMPANY	DISCLOSED DEAL VALUE ($M)	# OF DEALS	SELECT DEALS
Tencent, Sumo Group, Riot Games, Miniclip, Supercell	$1,580.0	5	Techland, Visual Arts, Unimate
Keywords Studios	$212.1	4	The Multiplayer Group, Digital Media Management, fortyseven communications
Savvy Games Group	$4,900.0	3	Scopely, Vindex, tag games
Sony	-	3	Myriagon Studio, Firewalk, Audeze
bE Haviour	-	3	codeglue, Antimatter Games, Socha Monkey
Playtika	$465.0	2	Innplay Labs., youda GAMES
Embracer Group	-	2	Captured Dimensions, All Caps
Aonic	$110.0	2	nDreams, milkytea
Devolver Digital	$40.0	2	System Era, doinKsoft
Sega	$775.0	1	Rovio

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	TICKER	COUNTRY	LTM	PRICE	MCAP	EV	REVENUE	EBITDA	EV/REVENUE		EV/EBITDA		PRICE/EARNINGS		REVENUE GROWTH		EBITDA GROWTH		EBITDA / REV
North America / Europe - Mobile Focused							LTM	LTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM
Playtika	PLTK	IL	30-Sep-23	$8.72	$3,202.2	$4,819.9	$2,560.3	$672.9	1.9x	1.9x	6.9x	5.9x	11.2x	11.0x	-3%	1%	12%	22%	26.3%
Modern Times Group	MTG B	SE	30-Sep-23	$8.57	$1,042.7	$696.1	$518.1	$119.8	1.2x	1.1x	5.2x	4.4x	22.8x	20.5x	4%	10%	1%	22%	23.1%
Rovio	ROVIO	FI	30-Sep-23	$10.27	$782.3	$619.1	$313.3	$34.9	1.9x	1.7x	15.9x	9.8x	30.8x	22.8x	-8%	13%	-30%	73%	11.1%
Stillfront Group	SF	SE	30-Sep-23	$1.21	$578.3	$1,048.4	$701.5	$153.2	1.4x	1.5x	6.1x	3.7x	30.3x	4.4x	5%	-5%	-5%	69%	21.8%
GDEV	GDEV	CY	30-Sep-23	$2.21	$436.3	$290.2	$454.3	$23.2	0.6x	NA	14.8x	NA	22.5x	NA	-9%	NA	-82%	NA	5.1%
Huuuge	HUG	US	30-Sep-23	$6.82	$428.7	$299.1	$289.8	$99.5	0.9x	1.1x	2.6x	3.2x	7.5x	6.3x	-12%	-7%	62%	7%	34.3%
Media and Games Invest	M8G	SE	30-Sep-23	$1.13	$179.9	$554.2	$364.4	$81.3	1.5x	1.5x	6.2x	4.9x	15.8x	10.4x	1%	-6%	24%	34%	22.3%
Ten Square Games	TEN	PL	30-Sep-23	$24.52	$178.1	$145.6	$105.1	$14.8	1.2x	1.3x	8.9x	5.2x	10.7x	9.5x	-17%	-6%	-58%	70%	14.1%
G5 Entertainment	G5EN	SE	30-Sep-23	$15.49	$124.9	$103.6	$125.4	$21.6	0.8x	0.8x	4.4x	3.3x	7.7x	8.4x	0.4%	-1%	NM	33%	17.2%
Flexion Mobile	FLEXM	GB	30-Sep-23	$0.88	$49.8	$40.2	$83.3	$4.8	0.4x	0.4x	7.8x	5.3x	NM	12.1x	15%	22%	NM	52%	5.7%
MAG Interactive	MAGI	SE	31-Aug-23	$1.38	$36.7	$27.4	$36.2	$1.1	0.7x	0.6x	10.9x	4.3x	NM	NM	11%	17%	-47%	NM	3.0%
East Side Games	EAGR	CA	30-Sep-23	$0.36	$29.3	$26.6	$68.2	$7.0	0.4x	0.4x	3.7x	2.0x	NM	9.3x	-22%	-4%	NM	86%	10.3%
								Average	1.1x	1.1x	7.8x	4.7x	17.7x	11.5x	-3%	3%	-14%	47%	16.2%
								Median	1.1x	1.1x	6.5x	4.4x	15.8x	9.9x	-1%	-0.7%	-5%	43%	15.7%
North America / Europe – PC / Console Focused																			
Electronic Arts	EA	US	30-Sep-23	$136.81	$36,819.6	$36,742.6	$7,593.0	$1,896.0	4.8x	4.8x	17.6x	13.8x	37.9x	19.1x	4%	1%	2%	41%	25.0%
Take-Two Interactive	TTWO	US	30-Sep-23	$160.95	$27,372.4	$30,085.2	$5,437.9	$1,364.9	5.5x	5.2x	20.2x	28.9x	NM	40.4x	26%	7%	142%	24%	25.1%
Embracer Group	EMBRAC B	SE	30-Sep-23	$2.72	$3,643.5	$5,263.5	$3,881.2	$631.5	1.3x	1.2x	7.1x	4.4x	7.9x	7.5x	NA	4%	NA	75%	16.3%
Ubisoft	UBI	FR	30-Sep-23	$25.54	$3,254.8	$4,567.1	$2,031.2	$640.9	2.2x	1.9x	7.1x	3.9x	NM	12.4x	-9%	14%	NA	63%	-31.1%
CD Projekt	CDR	PL	30-Sep-23	$29.25	$2,922.5	$2,735.9	$251.1	$108.3	9.8x	12.6x	22.6x	23.0x	27.3x	30.1x	22%	-22%	27%	1%	43.1%
Paradox Interactive	PDX	SE	30-Sep-23	$22.41	$2,367.2	$2,286.4	$204.3	$96.4	10.3x	8.0x	20.9x	12.3x	38.2x	31.1x	25%	28%	19%	78%	47.2%
Keyword Studios	KWS	IE	30-Jun-23	$21.17	$1,668.9	$1,735.7	$822.2	$128.4	2.1x	1.9x	12.1x	9.3x	46.8x	16.3x	27%	12%	14%	43%	15.6%
PlayWay	PLW	PL	30-Sep-23	$81.39	$537.2	$528.3	$57.5	$35.6	8.3x	6.3x	13.7x	9.9x	22.4x	9.9x	-9%	30%	-16%	34%	61.9%
Remedy Entertainment	REMEDY	FI	30-Sep-23	$28.08	$378.7	$351.6	$37.6	-$14.2	9.3x	5.3x	NM	30.3x	NM	NM	-22%	60%	NA	NM	-37.7%
Team17 Group	TM17	GB	30-Jun-23	$2.36	$339.2	$287.6	$195.6	$47.1	1.5x	1.5x	6.0x	6.2x	13.4x	9.9x	48%	-3%	8%	1%	24.1%
People Can Fly	PCF	PL	30-Sep-23	$7.49	$269.2	$224.4	$35.0	$0.3	6.4x	5.2x	NM	NA	16.6x	NA	-16%	-5%	-98%	NA	0.9%
Digital Bros	DIB	IT	30-Sep-23	$11.88	$169.5	$226.8	$122.5	$42.9	1.8x	1.6x	5.1x	4.1x	18.5x	10.2x	-11%	11%	-21%	22%	35.0%
EG7	EG7	SE	30-Sep-23	$1.88	$166.5	$124.6	$198.1	$49.8	0.6x	0.6x	2.2x	2.4x	NM	NA	18%	-5%	62%	3%	25.1%
Nacon	NACON	FR	30-Sep-23	$1.84	$161.7	$268.5	$154.8	$11.5	1.7x	1.3x	18.3x	3.6x	20.9x	8.6x	-9%	29%	-50%	NM	7.5%
Bloober Team	BLO	PL	30-Sep-23	$7.02	$135.6	$128.8	$19.8	$5.6	5.9x	NA	20.7x	NA	54.5x	NA	20%	NA	-22%	NA	28.3%
Devolver Digital	DEVO	US	30-Jun-23	$0.25	$110.5	$45.5	$125.4	$5.8	0.4x	0.5x	7.9x	4.6x	NM	NM	20%	-27%	NA	NM	4.6%
Focus Interactive	ALFOC	FR	30-Sep-23	$17.20	$106.3	$241.3	$226.1	$67.3	1.0x	1.0x	3.4x	2.9x	NM	6.4x	74%	2%	105%	18%	29.8%
CI Games	CIG	PL	31-Dec-23	$0.53	$97.5	$113.8	$58.0	$24.9	2.0x	3.3x	4.6x	5.7x	11.1x	21.5x	356%	-40%	592%	-20%	42.9%
Skonec Entertainment	A276040	KR	30-Sep-23	$6.57	$82.5	$64.6	$4.0	-$3.7	15.4x	6.7x	NM	NA	NM	41.7x	8%	NA	NA	NA	-92.1%
Starbreeze AB	STAR B	SE	30-Sep-23	$0.05	$69.2	$39.2	$54.9	$37.9	0.7x	1.2x	0.9x	2.0x	1.5x	11.7x	NM	-46%	NM	53%	69.1%
Frontier Developments	FDEV	GB	31-May-23	$1.67	$64.5	$52.9	$129.5	-$6.0	0.4x	0.5x	NM	2.6x	NM	NM	-8%	-20%	NA	NM	-4.6%
Snail Games	SNAL	US	30-Sep-23	$1.21	$44.3	$50.9	$47.6	-$15.7	1.1x	0.6x	NM	4.2x	NM	5.5x	-42%	93%	NA	NM	-33.0%
Thunderful Group	THUNDR	SE	30-Sep-23	$0.52	$36.7	$101.6	$294.6	$31.8	0.3x	0.3x	2.7x	2.7x	3.4x	1.7x	2%	-7%	8%	11%	10.8%
Zordix	MAXENT B	SE	30-Sep-23	$0.46	$23.4	$60.6	$115.4	$2.7	0.5x	0.5x	20.8x	3.8x	NM	NM	21%	-4%	-71%	NM	2.3%
tinyBuild	TBLD	US	30-Jun-23	$0.06	$11.5	-$2.3	$57.8	-$21.6	NM	NM	NM	NM	NM	4.1x	-7%	-18%	NA	NM	-37.4%
								Average	3.9x	3.1x	11.3x	8.6x	22.9x	16.0x	23%	4%	44%	30%	11.1%
								Median	1.9x	1.6x	7.9x	4.4x	19.7x	10.9x	8%	1%	8%	24%	16.3%

Source: CapIQ, As of December 31, 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/REVENUE		EV/EBITDA		PRICE/EARNINGS		REVENUE GROWTH		EBITDA GROWTH		EBITDA / REV
Japan/Korea							LTM	LTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM
Sony	6758	JP	30-Sep-23	$95.13	$117,083.3	$144,499.2	$83,534.5	$9,077.9	1.6x	1.7x	13.9x	9.7x	20.4x	18.7x	23%	-1%	-16%	55%	10.9%
Nintendo	7974	JP	30-Sep-23	$52.21	$60,779.7	$46,112.9	$11,655.8	$3,885.7	3.7x	4.4x	10.7x	13.3x	18.1x	27.5x	1%	-16%	-4%	16%	33.3%
NEXON	3659	JP	30-Sep-23	$18.23	$15,519.6	$11,188.0	$2,811.1	$1,033.9	3.8x	3.2x	10.5x	9.3x	21.2x	17.1x	28%	16%	47%	9%	36.8%
Konami Holdings	9766	JP	30-Sep-23	$52.38	$7,100.0	$5,849.6	$2,141.2	$512.4	2.6x	2.3x	10.7x	8.2x	23.9x	18.1x	4%	14%	-8%	32%	23.9%
Krafton	A259960	KR	30-Sep-23	$149.30	$6,899.2	$4,309.8	$1,374.1	$635.5	3.0x	2.9x	6.8x	6.8x	20.3x	19.9x	1%	3%	12%	4%	46.2%
Capcom	9697	JP	30-Sep-23	$32.32	$6,758.7	$5,945.9	$1,016.3	$445.3	5.5x	5.6x	12.6x	12.3x	20.8x	20.9x	70%	-2%	70%	3%	43.8%
Square Enix	9684	JP	30-Sep-23	$35.92	$4,308.3	$2,882.1	$2,356.2	$284.5	1.2x	1.1x	9.6x	6.8x	23.0x	15.8x	-2%	7%	-33%	40%	12.1%
Ncsoft	A036570	KR	30-Sep-23	$185.46	$3,766.3	$2,625.3	$1,404.0	$217.9	1.8x	1.7x	11.6x	15.7x	31.8x	29.9x	-32%	3%	-59%	26%	15.5%
NetMarble	A251270	KR	30-Sep-23	$44.80	$3,671.0	$5,115.6	$1,874.5	$48.7	2.6x	2.3x	42.2x	22.9x	NM	65.3x	-8%	14%	-63%	NM	2.6%
Sega Sammy	6460	JP	30-Sep-23	$13.99	$3,022.0	$2,663.7	$3,084.4	$604.2	0.8x	0.8x	4.1x	5.2x	7.4x	10.1x	37%	2%	54%	20%	19.6%
Pearl Abyss	A263750	KR	30-Sep-23	$29.88	$1,835.3	$1,647.4	$261.5	$13.4	6.1x	6.2x	NM	14.8x	NM	30.5x	-12%	-2%	-72%	NM	5.1%
Kakao Games	A293490	KR	30-Sep-23	$19.93	$1,627.9	$2,247.7	$758.2	$121.7	2.9x	2.4x	NM	12.8x	NM	24.2x	-15%	20%	-46%	39%	16.1%
WeMade Entertainment	A112040	KR	30-Sep-23	$46.96	$1,571.1	$1,605.5	$448.6	-$28.9	3.4x	2.4x	NM	53.4x	NM	41.7x	27%	42%	NA	NM	-6.4%
DeNA	2432	JP	30-Sep-23	$9.77	$1,087.7	$880.2	$929.5	$58.5	0.9x	0.8x	10.9x	9.7x	29.9x	16.8x	4%	7%	-22%	47%	6.3%
GungHo Online	3765	JP	30-Sep-23	$16.68	$999.1	$172.9	$876.3	$216.6	0.2x	0.2x	0.8x	0.9x	7.3x	9.8x	34%	-12%	24%	13%	24.7%
Gree	3632	JP	30-Sep-23	$4.04	$690.5	$445.5	$499.7	$83.0	0.8x	1.0x	5.1x	10.1x	11.4x	18.2x	-4%	-13%	3%	50%	16.6%
NHN Entertainment	A181710	KR	30-Sep-23	$18.01	$606.9	$441.1	$1,658.0	$113.9	0.3x	0.2x	3.8x	3.0x	25.0x	10.6x	6%	10%	20%	23%	6.9%
DOUBLEUGAMES	A192080	KR	30-Sep-23	$36.67	$606.0	$480.1	$435.8	$155.9	1.1x	1.0x	3.0x	2.8x	NM	5.7x	-4%	6%	10%	6%	35.8%
Com2uS	A078340	KR	30-Sep-23	$37.98	$433.5	$573.2	$603.2	-$7.0	0.9x	0.9x	NM	16.5x	13.8x	12.9x	18%	1%	NA	NM	-1.2%
DoubleDown Interactive	DDI	KR	30-Sep-23	$7.35	$364.2	$132.4	$301.9	$107.5	0.4x	0.4x	1.2x	1.2x	NM	3.6x	-9%	5%	8%	5%	35.6%
GAMEVIL Inc.	A063080	KR	30-Sep-23	$28.53	$187.8	$178.0	$113.0	$7.9	1.5x	1.3x	NM	17.1x	NM	NM	28%	13%	NM	27%	7.0%
JOYCITY	A067000	KR	30-Sep-23	$2.10	$146.5	$206.0	$107.8	$14.0	1.8x	1.7x	14.2x	11.2x	38.6x	14.3x	-16%	8%	54%	26%	13.0%
Me2on	A201490	KR	30-Sep-23	$2.36	$73.8	$82.8	$80.9	$22.7	1.0x	NA	3.5x	NA	11.3x	NA	-3%	NA	1%	NA	28.1%
Vespa	A299910	KR	30-Sep-23	$73.22	$57.0	$65.3	$0.5	-$0.9	51.8x	NA	NM	NA	NM	NA	-94%	NA	NA	NA	NM
								Average	**4.2x**	**2.0x**	**9.7x**	**12.0x**	**20.3x**	**20.6x**	**3%**	**5%**	**-1%**	**25%**	**18.8%**
								Median	**1.7x**	**1.7x**	**10.0x**	**9.9x**	**20.6x**	**18.1x**	**1%**	**5%**	**2%**	**25%**	**16.1%**
Esports																			
Skillz	SKLZ	US	30-Sep-23	$6.24	$133.8	-$66.4	$167.8	-$91.1	NM	NM	NM	NM	NM	NM	-49%	-4%	NA	44%	-54.2%
Enthusiast Gaming Holdings Inc.	EGLX	CA	30-Sep-23	$0.22	$33.4	$43.8	$136.8	-$29.9	0.3x	0.3x	NM	NM	NM	NM	-10%	8%	NA	94%	-21.9%
Wellplayed Rizest Inc.	9565	JP	31-Oct-23	$10.38	$28.3	$28.6	$14.9	$0.4	1.8x	NA	NM	NA	NM	NA	10%	NA	-77%	NA	2.5%
Guild Esports Plc	GILD	GB	31-Mar-23	$0.01	$7.5	$10.5	$8.7	-$6.8	1.2x	NA	NM	NA	NM	NA	NM	NA	NA	NA	-78.1%
Super League Enterprise, Inc.	SLE	US	30-Sep-23	$1.52	$6.4	$5.3	$22.7	-$18.3	0.2x	0.2x	NM	NM	NM	NM	NM	33%	NA	48%	-80.6%
Esports Entertainment Group	GMBL	MT	30-Sep-23	$3.95	$4.2	$21.3	$16.1	-$13.9	1.3x	1.7x	NM	NM	NM	NM	NM	-23%	NA	15%	-86.7%
EBET	EBET	US	30-Jun-23	$0.16	$2.4	$40.9	$48.2	-$3.2	0.8x	NA	NM	NA	NM	NA	NM	NA	NA	NA	-6.6%
								Average	**0.9x**	**0.7x**	**NM**	**NM**	**NM**	**NM**	**-16%**	**3%**	**-77%**	**50%**	**-46.5%**
								Median	**1.0x**	**0.3x**	**NM**	**NM**	**NM**	**NM**	**-10%**	**2%**	**-77%**	**46%**	**-54.2%**

Source: CapIQ, As of December 31, 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

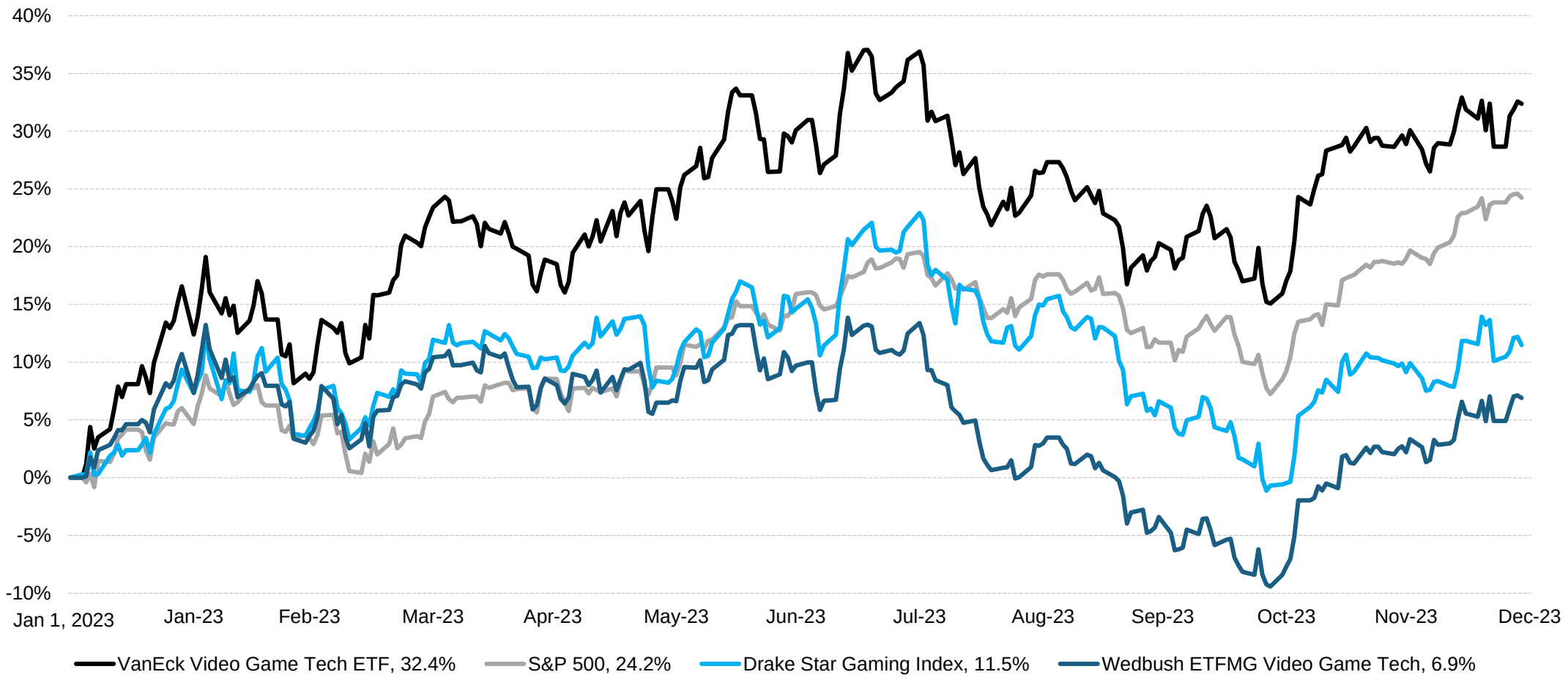
ONLINE / MOBILE GAME DEVELOPERS IN CHINA / INDIA / SE ASIA AND HARDWARE / PLATFORMS / ADVERTISING / TOOLS

COMPANY NAME	TICKER	COUNTRY	LTM	PRICE	MCAP	EV	REVENUE	EBITDA	EV/REVENUE		EV/EBITDA		PRICE/EARNINGS		REVENUE GROWTH		EBITDA GROWTH		EBITDA / REV
China, South East Asia (US and HKG listed) & India							LTM	LTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM	NTM	LTM
Tencent Holdings	700	CN	30-Sep-23	$37.58	$350,868.2	$360,878.6	$82,061.9	$20,588.6	4.4x	3.9x	16.6x	9.7x	13.6x	13.8x	8%	9%	19%	75%	25.1%
NetEase	NTES	CN	30-Sep-23	$93.16	$58,264.3	$45,215.6	$13,935.5	$3,897.5	3.2x	2.8x	11.4x	11.0x	16.5x	13.5x	6%	12%	25%	2%	28.0%
Sea Limited	SE	SG	30-Sep-23	$40.50	$22,953.7	$21,696.4	$12,898.5	$1,460.0	1.7x	1.6x	11.8x	33.4x	34.5x	39.1x	6%	7%	NA	55%	11.3%
G-bits Network	603444	CN	30-Sep-23	$34.57	$2,490.3	$2,143.2	$636.5	$273.4	3.3x	3.0x	7.6x	7.2x	13.5x	16.2x	-6%	8%	3%	5%	43.0%
YY	YY	CN	30-Sep-23	$39.70	$2,413.6	-$275.4	$2,302.9	$159.0	NM	NM	NM	NM	NM	12.3x	-7%	2%	-46%	15%	6.9%
HUYA	HUYA	CN	30-Sep-23	$3.66	$870.8	-$289.1	$1,030.7	-$76.2	NM	NM	NM	NM	NM	NM	-24%	-9%	NA	68%	-7.4%
NetDragon	777	CN	30-Jun-23	$1.58	$841.9	$551.2	$1,007.5	$192.2	0.5x	0.5x	2.7x	3.0x	8.1x	7.1x	-8%	8%	-26%	6%	19.1%
Nazara	Nazara	IN	30-Sep-23	$10.29	$754.5	$708.7	$139.1	$12.0	5.1x	4.1x	55.6x	32.4x	NM	NA	36%	25%	13%	83%	8.6%
XD Inc.	2400	CN	30-Jun-23	$1.31	$616.3	$394.3	$495.0	-$0.7	0.8x	0.7x	38.5x	4.7x	NM	15.2x	23%	19%	NA	NM	-0.1%
iDreamSky	1119	CN	30-Jun-23	$0.30	$459.9	$665.1	$341.1	-$148.2	1.9x	1.8x	NM	NA	NM	18.3x	-7%	6%	NA	NA	-43.5%
Archosaur Games Inc.	9990	CN	30-Jun-23	$0.25	$200.6	-$62.8	$90.5	-$86.5	NM	NM	NM	NM	NM	NA	-6%	90%	NA	97%	-95.6%
Ourgame	6899	KY	30-Jun-23	$0.03	$30.4	$3.6	$42.4	-$6.7	0.1x	NA	NM	NA	NM	NA	95%	NA	NA	NA	-15.8%
FingerTango	6860	CN	30-Jun-23	$0.01	$19.9	-$66.4	$103.7	-$2.5	NM	NA	NM	NA	NM	NA	4%	NA	NA	NA	-2.4%
Digital Hollywood	2022	CN	30-Jun-23	$0.01	$10.0	-$11.5	$9.8	-$6.7	NM	NA	NM	NA	NM	NA	-24%	NA	NA	NA	-69.1%
								Average	**2.3x**	**2.3x**	**20.6x**	**14.5x**	**17.2x**	**16.9x**	**7%**	**16%**	**-2%**	**45%**	**-6.6%**
								Median	**1.9x**	**2.3x**	**11.8x**	**9.7x**	**13.6x**	**14.5x**	**-1%**	**8%**	**8%**	**55%**	**3.4%**
China (Shenzhen listed)																			
Quihoo 360	601360	CN	30-Sep-23	$1.27	$8,893.9	$5,615.2	$1,277.9	-$32.8	4.3x	3.9x	NM	78.9x	NM	NM	0.5%	NM	NA	NA	-2.6%
Beijing Kunlun	300418	CN	30-Sep-23	$5.27	$6,408.4	$6,373.8	$687.8	$76.1	9.0x	8.9x	72.5x	35.6x	63.5x	47.9x	7%	1%	-51%	NM	11.1%
37Games	002555	CN	30-Sep-23	$2.65	$5,870.2	$4,957.7	$2,298.5	$427.9	2.1x	1.8x	11.2x	8.4x	14.4x	8.9x	6%	14%	-17%	34%	18.6%
Kingnet Network	002517	CN	30-Sep-23	$1.58	$3,356.2	$2,990.1	$538.6	$195.9	5.4x	4.2x	14.5x	10.6x	19.6x	13.2x	11%	30%	4%	41%	36.4%
Perfect World	002624	CN	30-Sep-23	$1.67	$3,303.4	$3,239.3	$1,117.6	$80.6	2.8x	2.6x	31.6x	15.3x	41.6x	30.2x	9%	9%	-29%	NM	7.2%
Giant Network	002558	CN	30-Sep-23	$1.57	$2,985.8	$2,776.9	$374.5	$93.8	7.2x	5.3x	28.3x	12.4x	17.7x	14.6x	27%	35%	-13%	NM	25.1%
Ourpalm	300315	CN	30-Sep-23	$0.73	$1,984.0	$1,580.6	$133.1	$2.0	11.5x	11.1x	NM	30.8x	31.1x	56.5x	-22%	4%	94%	NA	1.5%
Youzu Interactive	002174	CN	30-Sep-23	$1.62	$1,458.1	$1,390.2	$232.7	$4.3	5.8x	4.0x	NM	21.1x	NM	33.2x	-21%	46%	-92%	NM	1.9%
Dalian Zeus	002354	CN	30-Sep-23	$0.78	$1,288.0	$1,221.4	$245.2	-$4.9	4.8x	4.0x	NM	NM	NM	NM	-6%	22%	NA	NM	-2.0%
ZQ Games	300052	CN	30-Sep-23	$2.39	$626.7	$641.1	$33.6	-$3.6	18.5x	15.3x	NM	NM	NM	NM	-19%	21%	NA	NM	-10.7%
								Average	**7.2x**	**6.1x**	**31.6x**	**26.6x**	**31.3x**	**29.2x**	**-1%**	**20%**	**-15%**	**37%**	**8.6%**
								Median	**5.6x**	**4.1x**	**28.3x**	**18.2x**	**25.3x**	**30.2x**	**3%**	**21%**	**-17%**	**37%**	**4.5%**
Hardware, Platforms, Advertising & Tools																			
NVIDIA	NVDA	US	29-Oct-23	$495.22	$1,223,193.4	$1,215,939.4	$44,870.0	$22,161.0	27.1x	13.9x	54.3x	19.5x	65.2x	25.4x	57%	94%	154%	182%	49.4%
Dell	DELL	US	3-Nov-23	$76.50	$54,437.5	$73,701.5	$91,146.0	$7,908.0	0.8x	0.8x	8.9x	7.2x	21.2x	11.4x	-13%	-1%	-13%	29%	8.7%
Roblox	RBLX	US	30-Sep-23	$45.72	$28,517.3	$28,090.9	$2,628.3	-$1,002.6	10.7x	7.4x	NM	65.1x	NM	NM	19%	45%	NA	143%	-38.1%
Hewlett Packard	HPE	US	31-Oct-23	$16.98	$22,067.7	$32,219.7	$29,135.0	$5,116.0	1.1x	1.1x	5.8x	5.7x	11.0x	8.8x	2%	2%	7%	11%	17.6%
Unity	U	US	30-Sep-23	$40.89	$15,539.0	$17,115.2	$2,029.0	-$364.9	8.4x	7.4x	NM	31.5x	NM	40.8x	62%	14%	NA	NM	-18.0%
Logitech	LOGN	CH	30-Sep-23	$94.72	$14,850.5	$13,666.6	$4,261.5	$579.2	3.0x	3.2x	20.9x	21.5x	36.8x	30.5x	-18%	1%	-24%	10%	13.6%
Applovin	APP	US	30-Sep-23	$39.85	$13,381.7	$16,235.6	$3,032.1	$889.0	5.4x	4.3x	18.2x	9.0x	NM	28.4x	4%	24%	44%	104%	29.3%
ASUS	2357	TW	30-Sep-23	$15.98	$11,867.0	$10,711.3	$15,202.9	$158.4	0.7x	0.6x	46.7x	13.5x	44.6x	16.4x	-13%	5%	-84%	NM	1.0%
MSI	2377	TW	30-Sep-23	$6.66	$5,625.4	$4,918.8	$5,425.8	$276.0	0.9x	0.8x	16.4x	12.4x	23.6x	16.3x	-10%	15%	-45%	37%	5.1%
Acer	2353	TW	30-Sep-23	$1.76	$5,269.9	$4,074.1	$7,395.9	$143.4	0.5x	0.5x	23.3x	15.5x	52.8x	28.3x	-21%	10%	-56%	75%	1.9%
Corsair Gaming	CRSR	US	30-Sep-23	$14.10	$1,452.0	$1,605.0	$1,441.3	$61.6	1.1x	1.0x	19.2x	13.2x	NM	19.7x	-3%	10%	NM	97%	4.3%
Flexion Mobile	FLEXM	GB	30-Sep-23	$0.88	$49.8	$40.2	$83.3	$4.8	0.4x	0.4x	7.8x	5.3x	NM	12.1x	15%	22%	NA	52%	6%
Atari	ALATA	FR	30-Sep-23	$0.11	$46.6	$71.2	$12.9	-$10.5	5.3x	NA	NM	NA	NM	NA	-8%	NA	NA	NA	-81%
Popreach	INIK	CA	30-Sep-23	$0.15	$43.1	$99.9	$161.8	$12.4	0.6x	0.5x	7.4x	4.6x	NM	NM	NA	16%	NM	74%	7.7%
Bidstack	BIDS	GB	30-Jun-23	$0.01	$9.1	$6.5	$6.6	-$13.2	1.0x	NA	NM	NA	NM	NA	35%	NA	NA	NA	NM
								Average	**4.5x**	**3.2x**	**20.8x**	**17.2x**	**36.5x**	**21.6x**	**8%**	**20%**	**-2%**	**74%**	**0.5%**
								Median	**1.1x**	**1.0x**	**18.2x**	**13.2x**	**36.8x**	**19.7x**	**-0.4%**	**14%**	**-19%**	**74%**	**5.4%**

Source: CapIQ, As of December 31, 2023, in $M except share price, EV/EBITDA and P/E multiples less than 0 and greater than 100 are denoted as NM

GAMING PUBLIC MARKET

GRADUAL UPTICK WITH A STRONG Q4

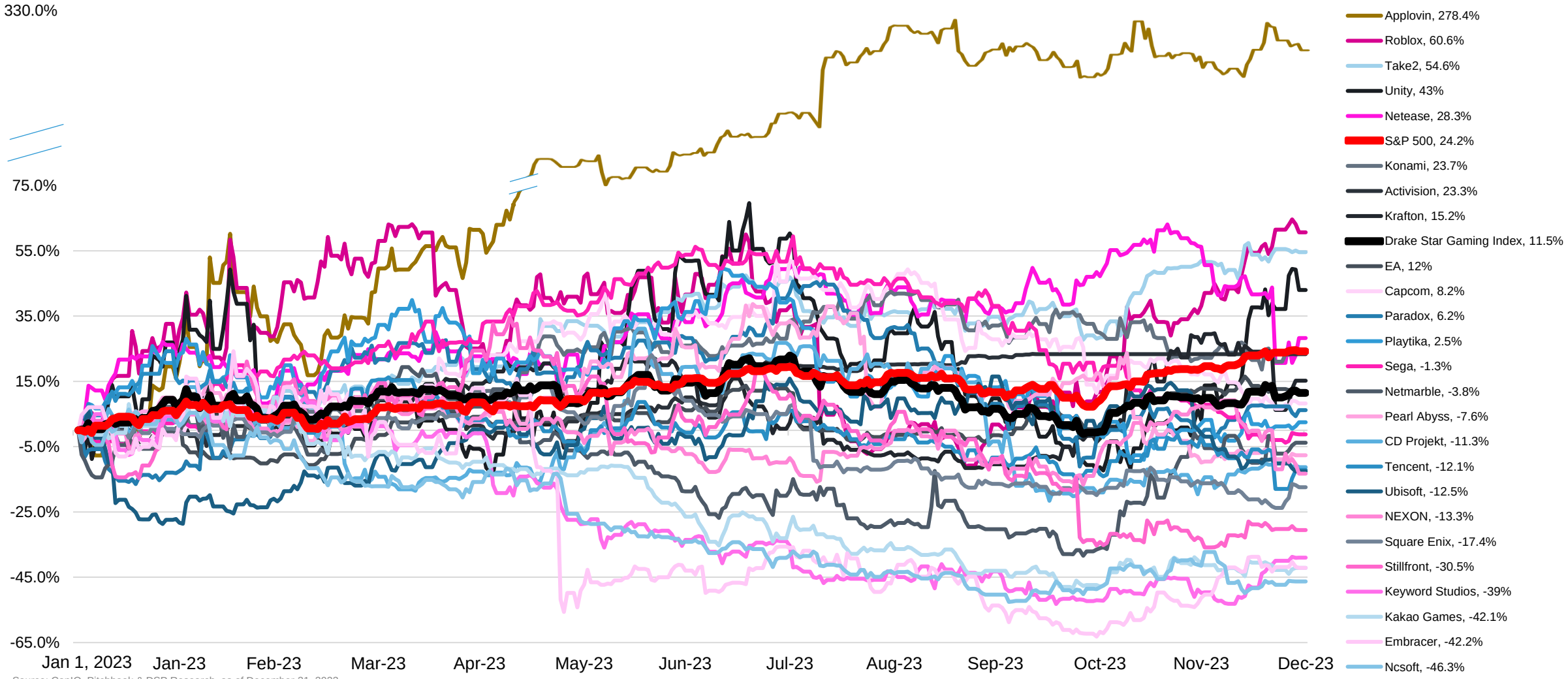


Note: Drake Star Gaming Index is a custom index (not a fund) that represents select content focused gaming companies

Source: CapIQ, Pitchbook & DSP Research, as of December 31, 2023

GAMING PUBLIC MARKETS: DRAKE STAR GAMING INDEX

PERFORMANCE OF THE TOP 25 CONTENT FOCUSED GAMING COMPANIES ON NATIVE EXCHANGES



Source: CapIQ, Pitchbook & DSP Research, as of December 31, 2023

MARKET OUTLOOK

SETTING UP TO BE A YEAR OF STRONG ACTIVITY

- After a hyperactive COVID period (2020-22), deal activity gradually shifted back to the pre-COVID levels in 2023 and we predict M&A activity to steadily increase again in 2024.
- Top buyers will likely be Tencent, Sony, Scopely / Savvy Games, Keywords and Take-Two, while ByteDance is about to sell its gaming business and Embracer will likely divest some of its studios. We expect Savvy Games to continue deploying more out of the $38B ear-marked for gaming M&A and financings this year. With a tightening regulatory environment in China, we foresee Tencent and other Chinese strategics to continue increasing their investments and acquisitions in the Western markets.
- While we expect some large ticket sized M&A deals, we forecast a continued uptick in smaller to mid size M&A deals in 2024. Private equity firms are attracted by the current lower valuations of listed gaming companies, and we expect several gaming companies being taken private this year.
- We predict a healthy amount of seed / early-stage financings and a limited amount of growth / later stage rounds. Hot segments will be AI / tools and AR / VR.
- Entrepreneurs will likely focus on reaching profitability early in the life cycle of a company and are increasingly attracted to joining a larger company as part of mid-range acquisition vs. going for a home-run outcome.
- The crypto market saw a strong recovery in 2023 and more recently due to the approval of multiple BTC ETFs. We are hopeful that the steep appreciation of some of the popular gaming cryptocurrencies (such as Solana) together with the launch of some fun blockchain games that attract a broad audience will lead to further expansion of the crypto gaming market in 2024.
- With public gaming market improving in the first half of 2024, we expect to see some of the IPO ready gaming companies to restart their going public efforts in the second half of the year.

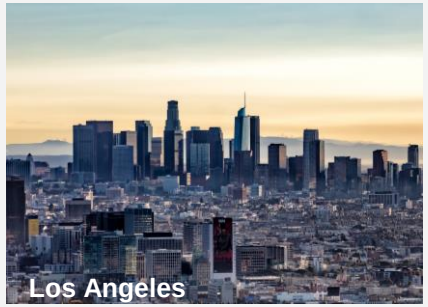
BUYERS TO WATCH

Tencent
SONY
SAVVY GAMES GROUP
SCOPELY
T2 TAKE-TWO INTERACTIVE
Keywords STUDIOS
Playtika
KRAFTON
Microsoft
NetEase Games
animoca BRANDS
ROBLOX
NETFLIX
amazon
tripledot
NEXON
SEGA

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

DRAKE STAR

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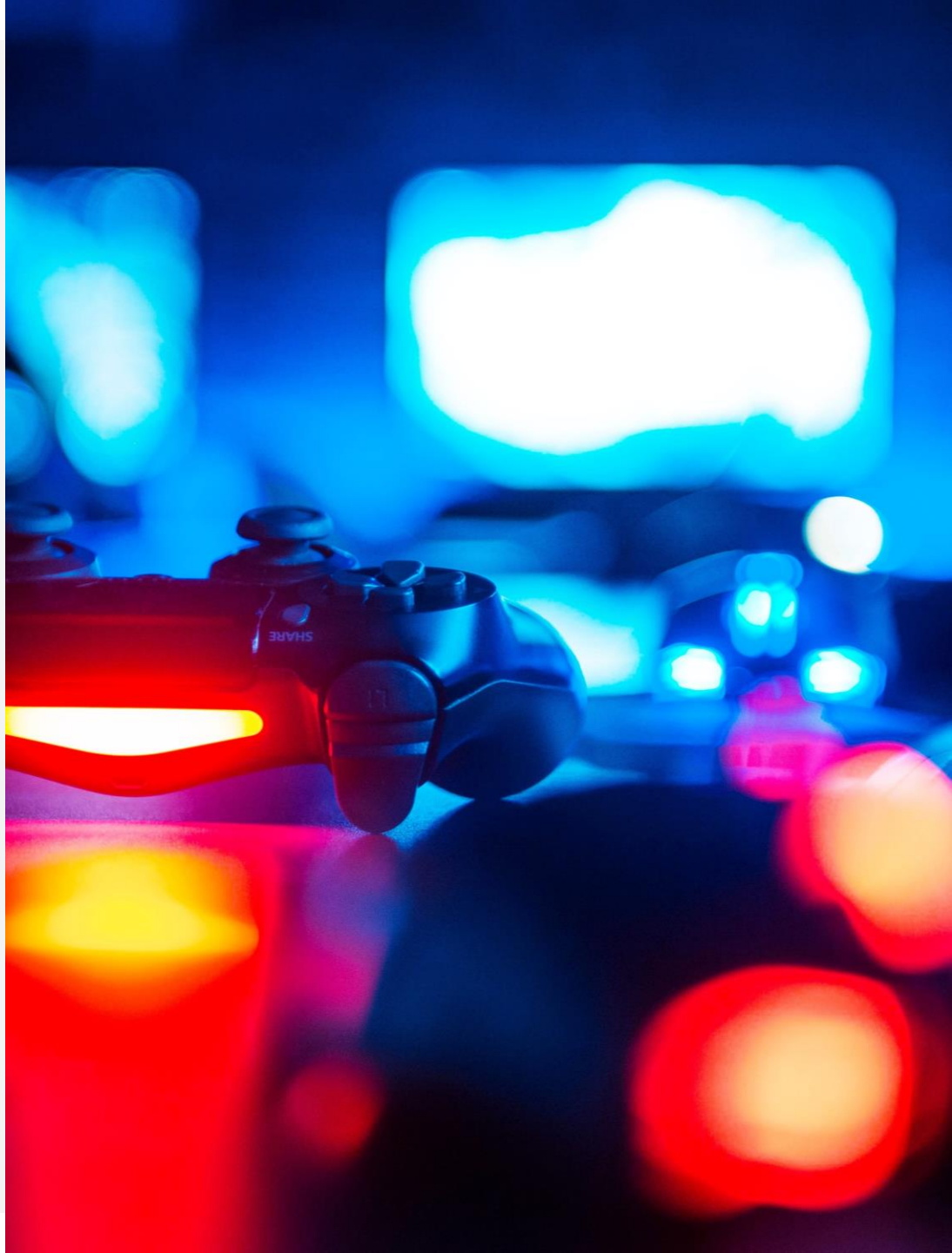

DRAKE STAR
BELIEVE IN INNOVATION
CHANGE THE WORLD