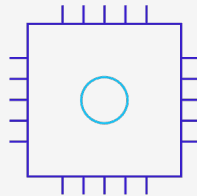


DEEP TECH UPDATE

STRATEGIC M&A • VENTURE CAPITAL • INSIGHTS



**AI & COMPUTER
VISION**



**SEMICONDUCTOR
ECOSYSTEMS**



**IoT & EDGE
INTELLIGENCE**

QUARTERLY UPDATE

May 2023

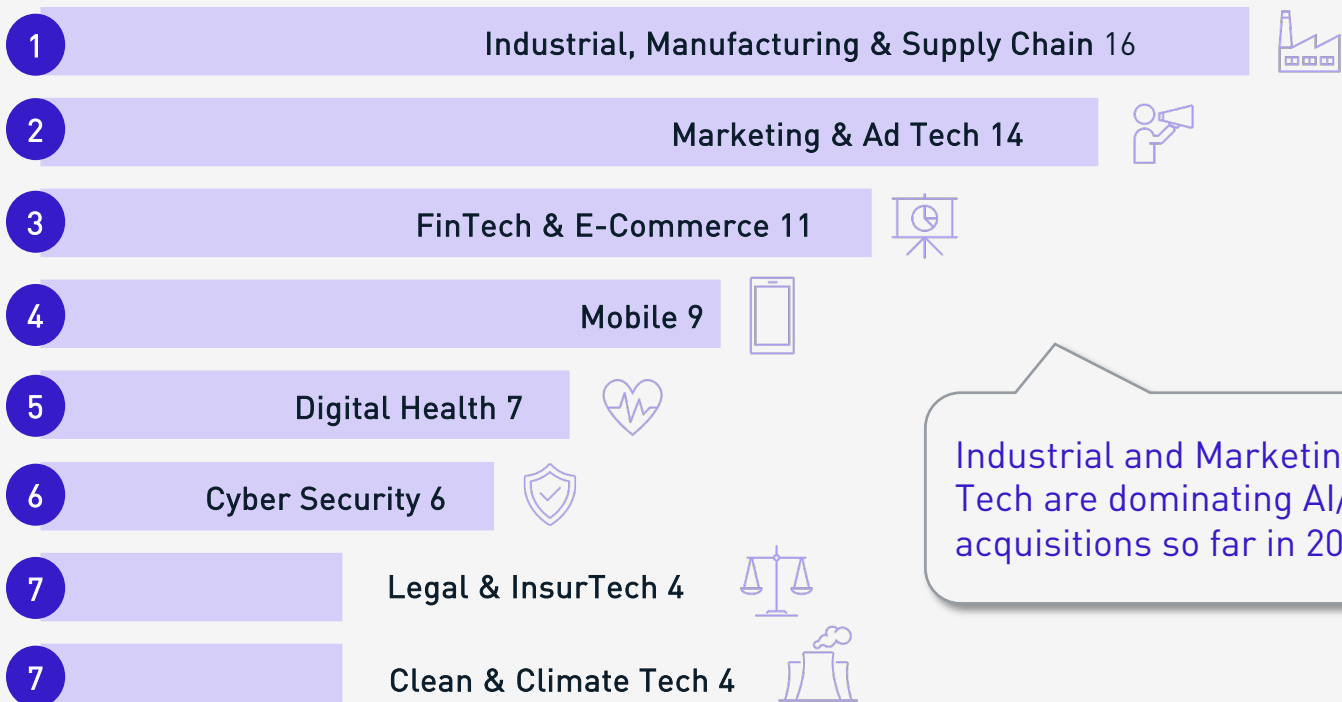
DEEP TECHNOLOGY

M&A, CAPITAL and INDUSTRY NEWS

Deep Tech Insights and News

- Wendy's & Google [train its next-generation order taker](#), an AI chatbot.
- Meta hired engineers from Graphcore to [support AI and machine learning in Meta's data centers](#). Meta is also reportedly designing a chip to train AI models and perform inference. The chip is not expected before 2025.
- IBM [announced a service to help enterprises build generative AI-based applications](#), based on the AI behind ChatGPT.
- Bessemer is [committing \\$1 billion to invest in AI](#)
- Top buyers in AI/ML and Computer Vision software since 2018 [were Apple, Microsoft, Servicenow, Cisco and DataRobot. Valuations dropped](#) from an average revenue multiple of 8x in 2021 to 4x in 2022. Will multiples start to recover in 2023? It's too early to tell.
- Top buyers in IoT and Semiconductor since 2018 [were Qorvo, Intel, Infineon, ST & Renesas](#).
- Attending the Embedded Vision Alliance in Santa Clara May 22-24? [Meet Brent Lorenz and Simon Morris](#) there!

Leading Vertical Markets – AI/ML Software Acquisitions in 2023¹



Industrial and Marketing Tech are dominating AI/ML acquisitions so far in 2023

MEET US AT EMBEDDED VISION SUMMIT 2023



Meet Brent Lorenz and Simon Morris from CVA at the Embedded Vision Summit in Santa Clara, May 22-24

contact@vision-connected.com



INTERESTING M&A TRANSACTIONS

AI, COMPUTER VISION, SEMICONDUCTOR ECOSYSTEMS, IoT



acquired by



GEO SEMICONDUCTOR ACQUIRED BY INDIE SEMICONDUCTOR

DEAL METRICS: \$270M • 5.2x REVENUE MULTIPLE

GEO offers programmable camera video processors designed to provide a high-definition view of images and videos. The company's processors utilize geometric processing technology, image signal processing, and video compression to deliver a 360-degree view of the site, enabling clients to avail themselves of home monitoring, car monitoring, and other surveillance processes in a hassle-free way.



acquired by



QEEXO ACQUIRED BY TDK

DEAL METRICS: NR

Qeexo provides a machine learning development platform designed to make mobile devices user-friendly. The company's platform helps users to collect, clean, and visualize sensor data and automatically build models using different algorithms, enabling component manufacturers to power new and exciting user experiences on their devices worldwide.



acquired by



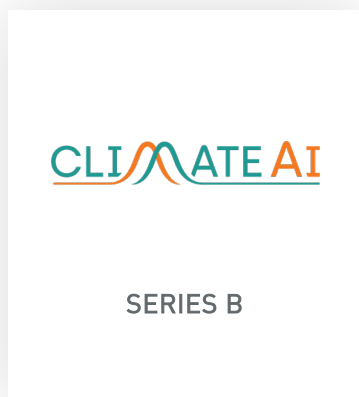
ALGOLUX ACQUIRED BY TORC ROBOTICS, DIVISION OF DAIMLER

DEAL METRICS: NR

Algolux offers autonomous vision and imaging technology intended to deliver a scalable perception for all conditions. The company leverages machine learning, deep perception technology, computational imaging, image processing, photography, and graphics to offer computer vision and cloud-based video analytics, enabling clients to get better results from their existing and new camera designs across all everyday scenarios like extreme lightning and adverse weather driving conditions efficiently.

INTERESTING VC TRANSACTIONS

SERIES B AND ABOVE, >\$20M

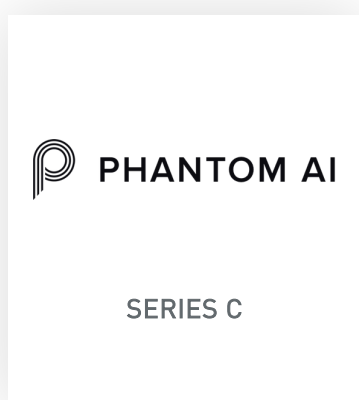


CLIMATEAI \$22M SERIES B

POST-MONEY: \$112M

INVESTORS: Neotribe Ventures, Radical Ventures, Yaletown Partners

ClimateAI offers a cloud-based enterprise software designed to predict the physical risk of climate change on assets. The company's platform uses an intuitive climate decision engine and open-source satellite imagery using statistical analysis and machine learning best practices, enabling investors, insurers, and governments to develop climate-resilient strategies.

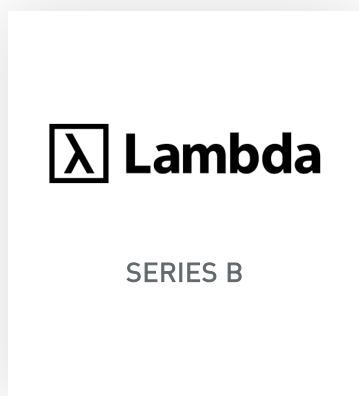


PHANTOM AI \$42M SERIES C

POST-MONEY: \$197M

INVESTORS: InverVest, Samsung Venture Investment, SK Telecom

Phantom AI provides a driver assistance platform designed to create a natural vehicle movement by predicting the motion of objects. The company's platform uses an optical sensor suite and computer vision technology with deep-learning-based detection front-end and geometry-based filtering back-end systems, enabling car manufacturers to improve the systems of self-driving cars and make driving an enjoyable experience.



LAMBDA \$44M SERIES B

POST-MONEY: \$170M

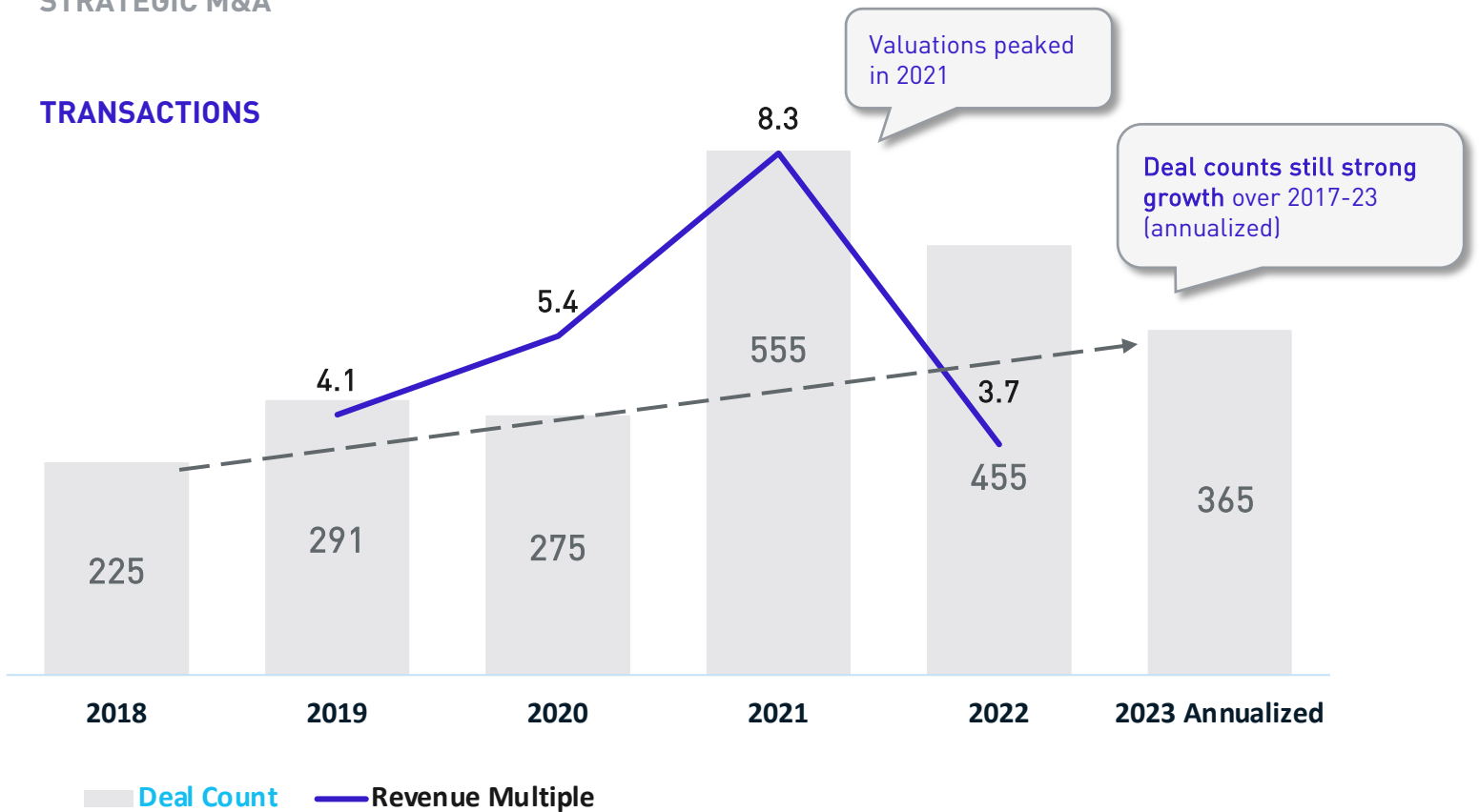
INVESTORS: Mercato Partners, Redefine Ventures, multiple individual investors

A Lambda is a deep learning infrastructure company selling software-enhanced compute systems and GPU cloud services to enterprises, AI startups, and research universities. The company's cloud technology, servers, and workstations are pre-configured with common ML frameworks, enabling clients to simplify and accelerate the training and deployment of deep learning models.

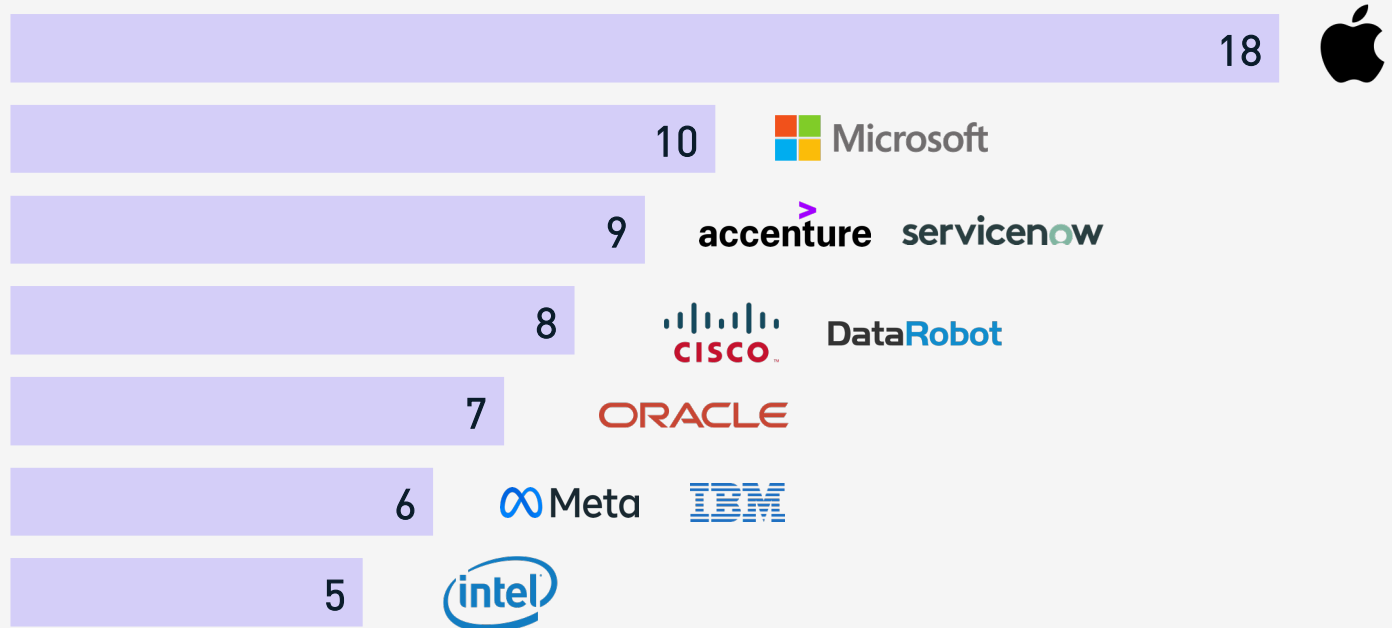
AI, ML and COMPUTER VISION SOFTWARE

STRATEGIC M&A

TRANSACTIONS



TOP BUYERS - DEAL COUNT SINCE 2018

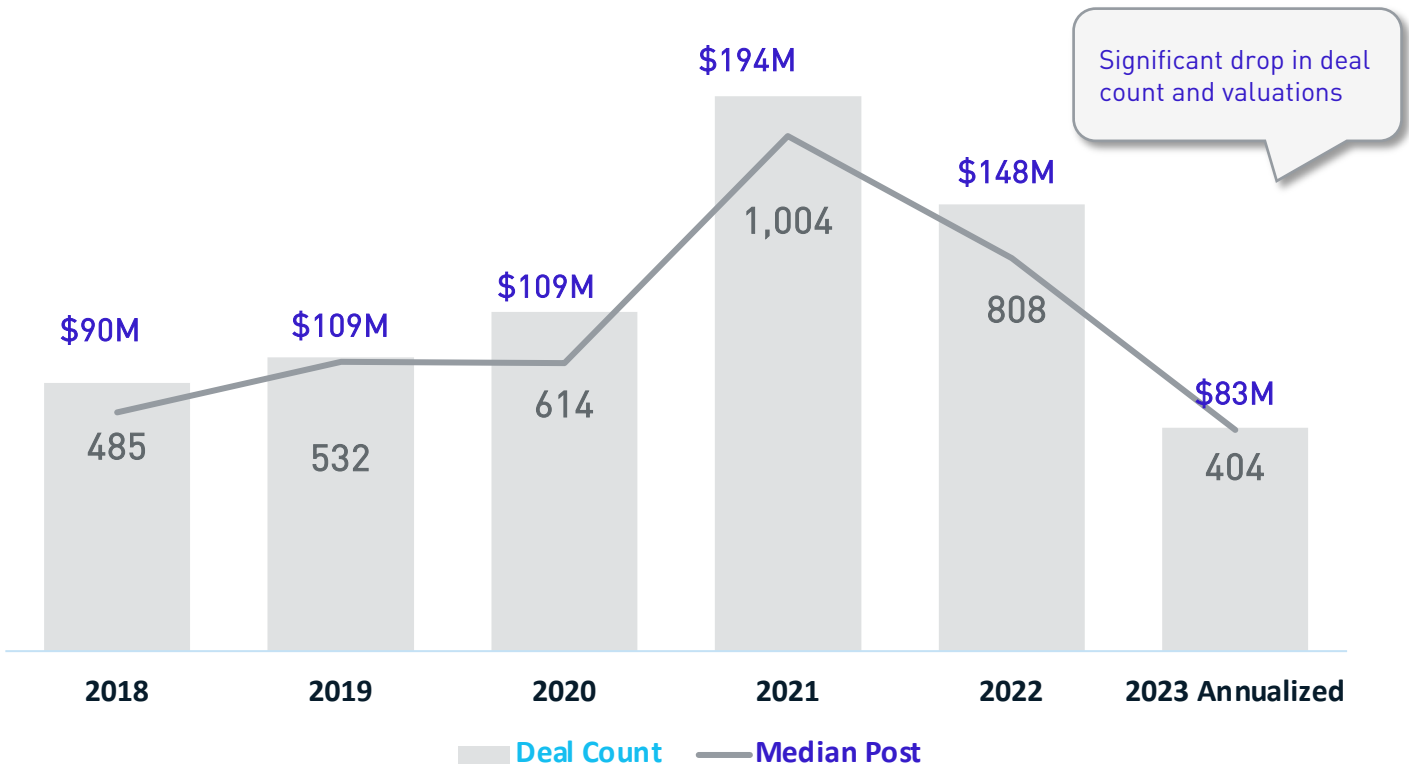


1,502 buyers with at least 1 deal

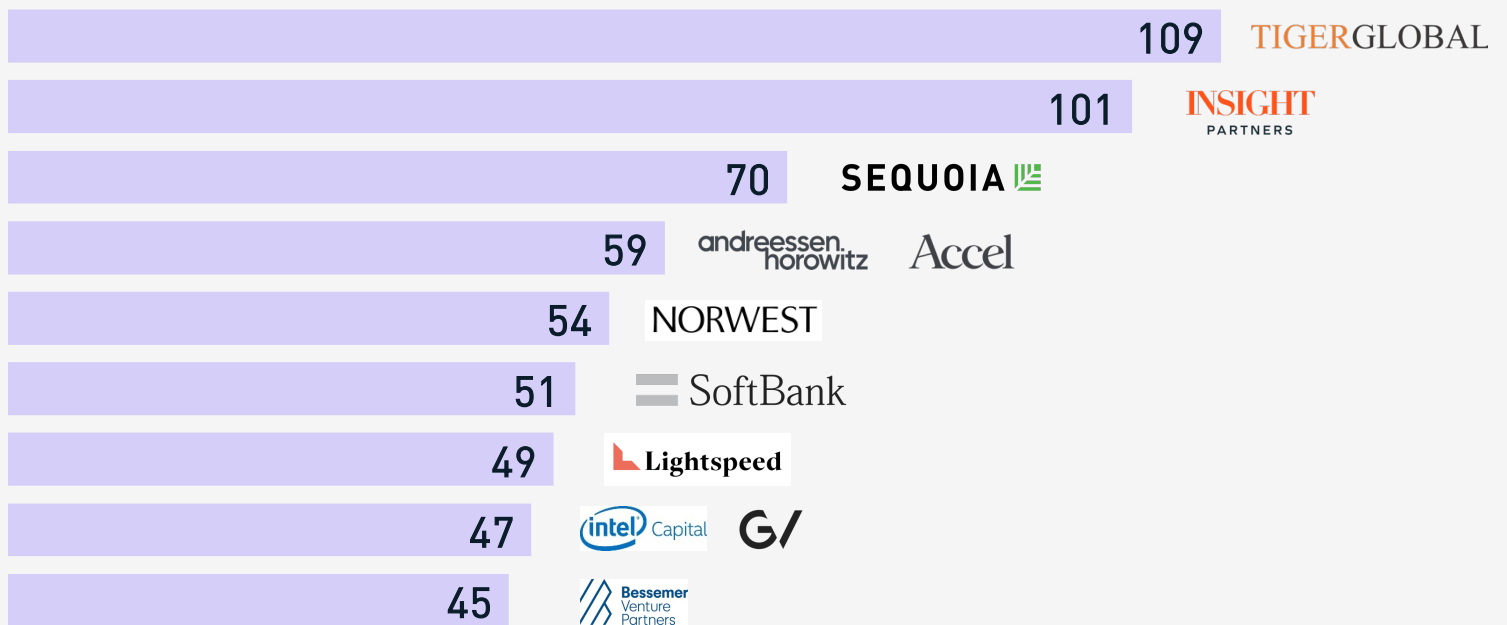
AI, ML and COMPUTER VISION SOFTWARE

GROWTH EQUITY, SERIES B AND HIGHER

TRANSACTIONS



TOP INVESTORS – DEAL COUNT SINCE 2018

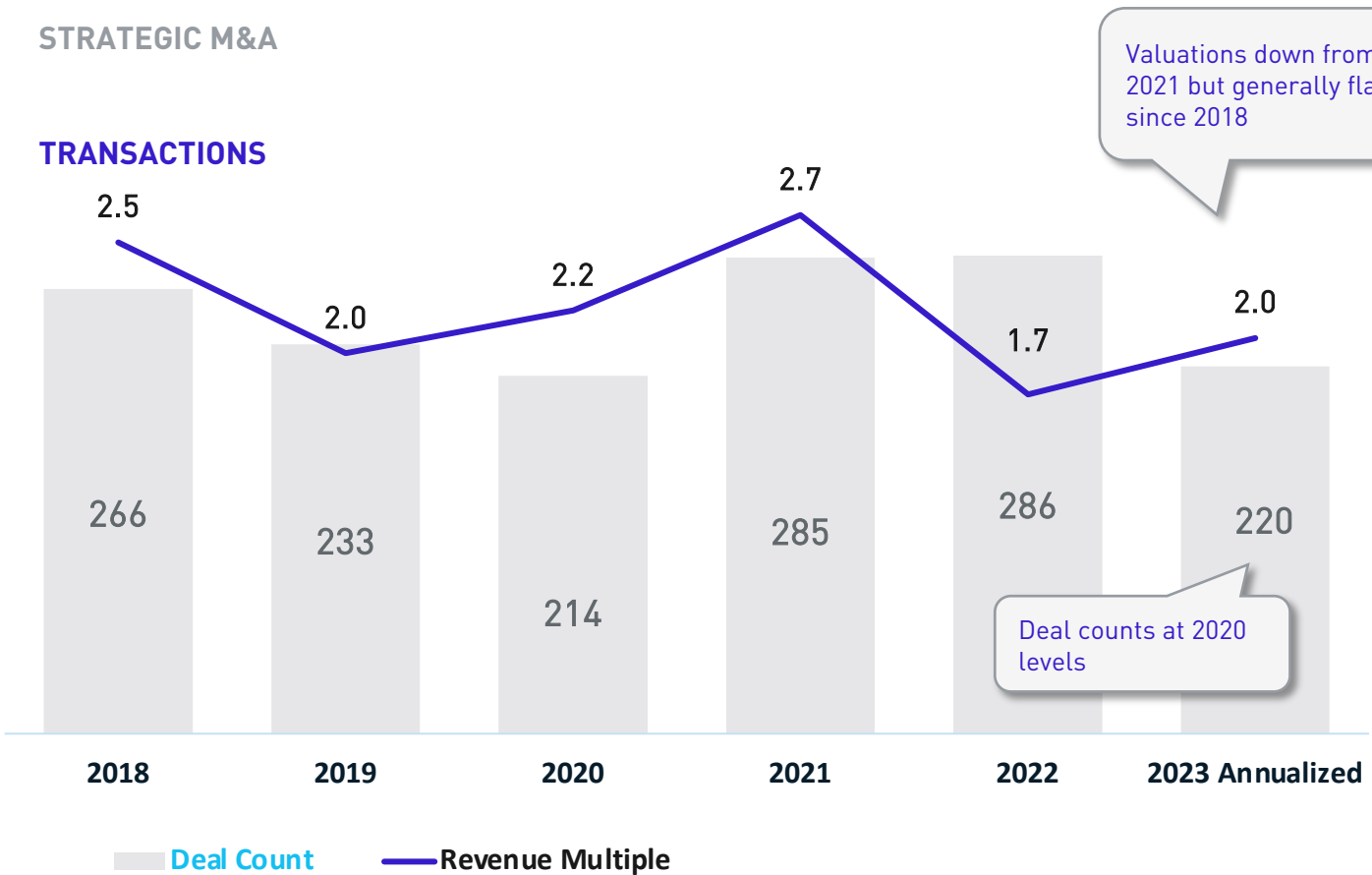


7,917 investors with at least 1 deal

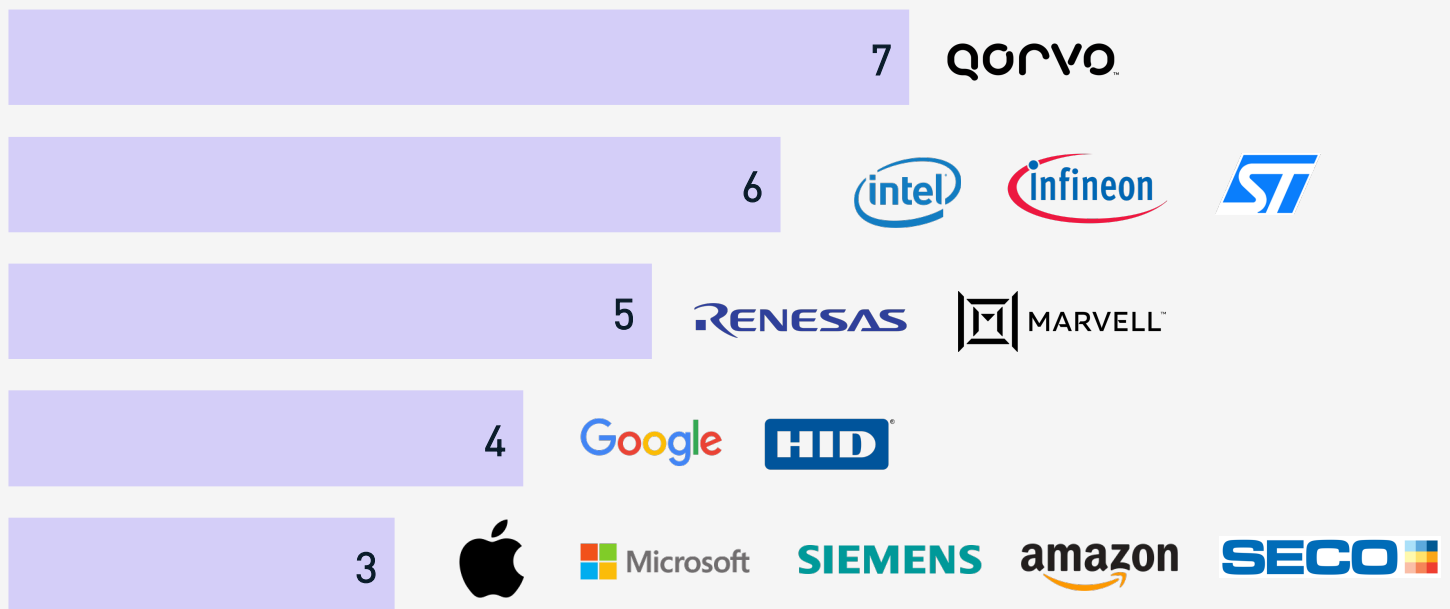
IoT and SEMICONDUCTOR

STRATEGIC M&A

TRANSACTIONS



TOP BUYERS - DEAL COUNT SINCE 2018

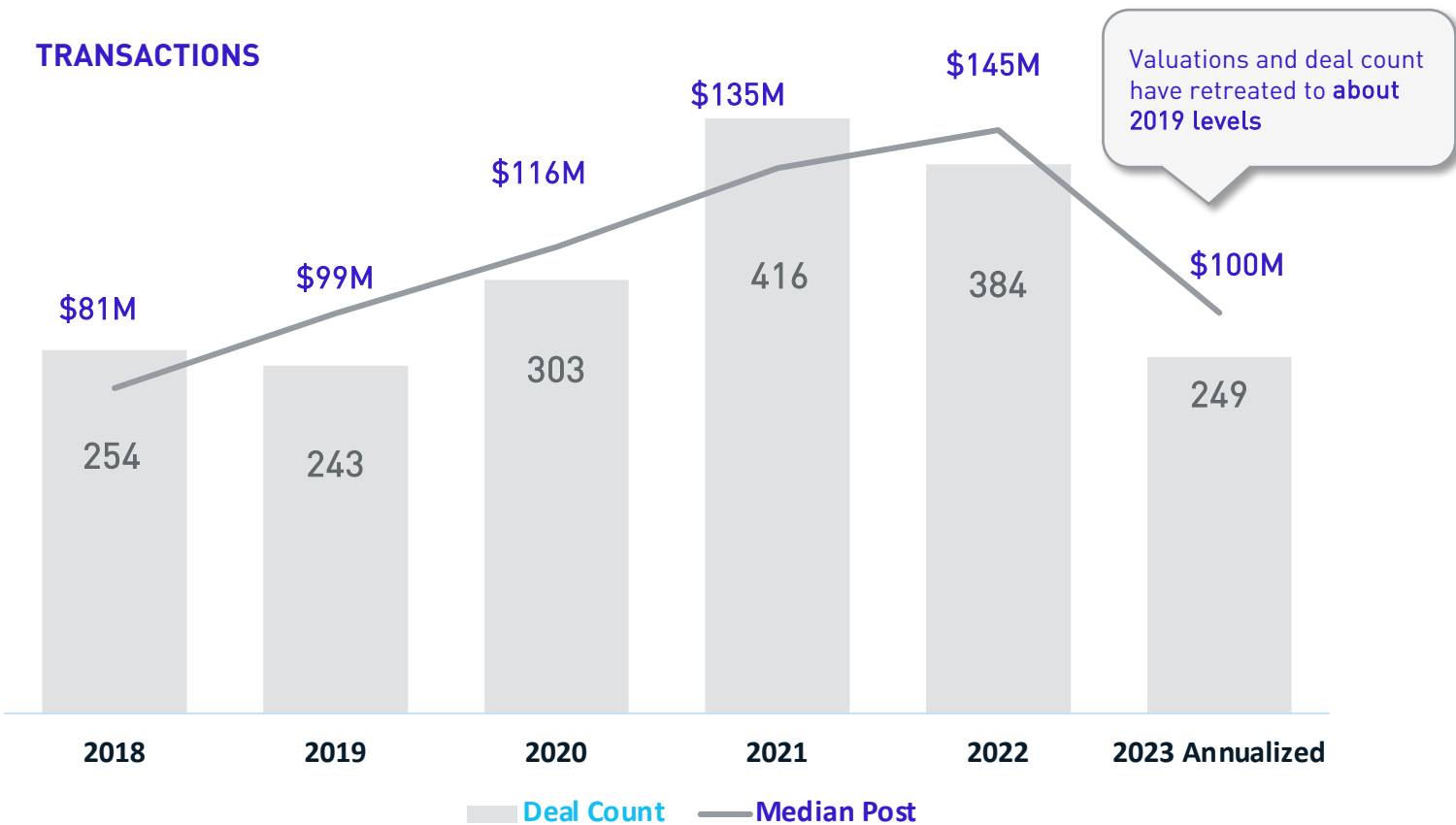


1,035 buyers with at least 1 deal

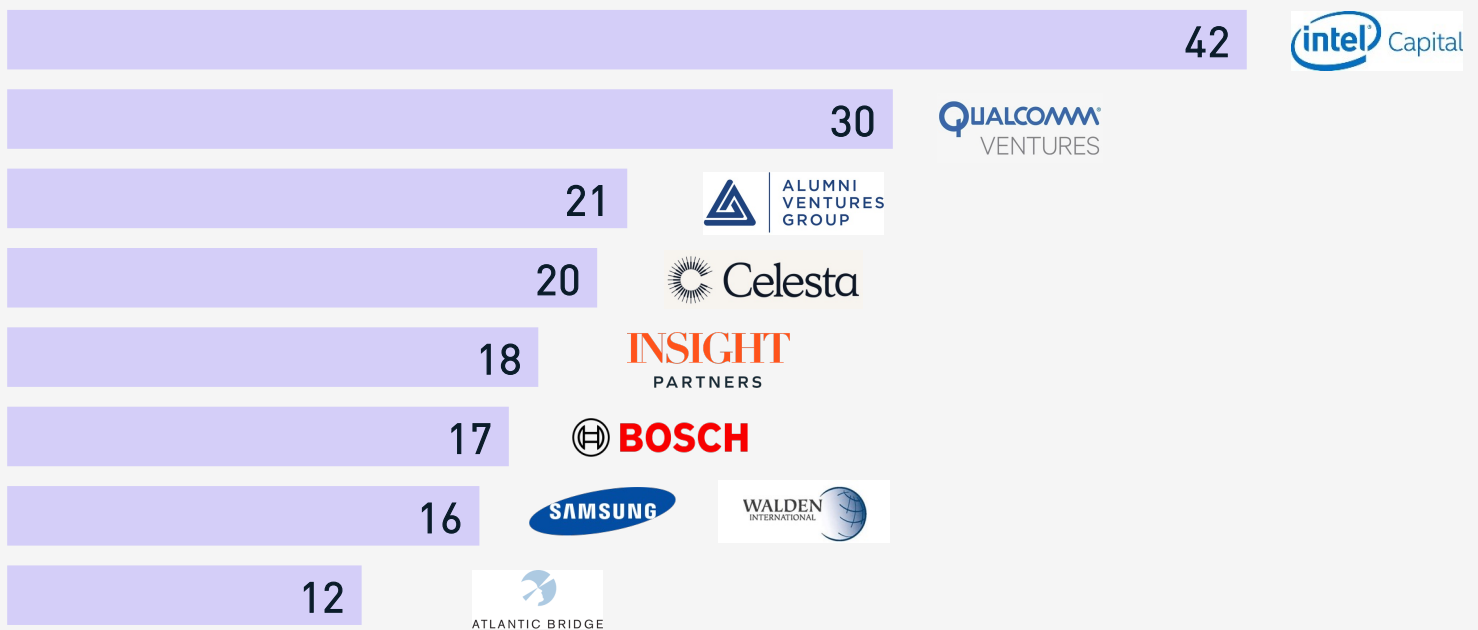
IoT and SEMICONDUCTOR

GROWTH EQUITY, SERIES B AND HIGHER

TRANSACTIONS



TOP INVESTORS SINCE 2018



4,084 investors with at least 1 deal

RECENT M&A TRANSACTIONS

STRATEGIC ACQUISITIONS

TARGET	BUYER	VALUE (\$M)	REVENUE MULTIPLE	DESCRIPTION
Cardea	Paragraf			Graphene biosensors
TSI Semiconductors	Bosch			Analog and mixed signal power management
Codiga	Datadog			Code analysis for quality and vulnerabilities
Era Software	ServiceNow			Time-series database for machine learning and anomaly detection
Cipher	RELX	36		IP analysis platform for patent intelligence
Ericsson (IoT business)	Aeris			IoT connectivity for 9,000 enterprises
Berkshire Grey	SoftBank	375	5.7x	AI robotics for automated fulfillment
Pantronics	Renesas			Wireless connectivity for IoT
Flutura	Accenture			IoT platform for industrial machinery
Morphosense	Sercel			Structural health monitoring & sensor fusion
Vivint Smart Home	NRG	2,800	1.7x	Smart home
Mimosa Networks	Radisys	60		5G broadband communication services
Libelium	Kira Green Waves			IoT wireless sensor platform
GEO Semiconductor	indie Semiconductor	270	5.2x	Programmable video processors
Linearizer Communications Group	MACOM	49		Microwave photonics
GaN Systems	Infineon	830		GaN power semiconductors
Qeexo	TDK			Machine learning development platform
Lemonbeat	E.ON One			IoT communication platform
SparkAI	John Deere			Automation software platform
Algolux	Torc Robotics			Autonomous vision and imaging for all conditions

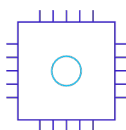
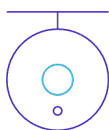
RECENT VC TRANSACTIONS

CAPITAL RAISE, SERIES B+ >\$20M

COMPANY	SERIES	DEAL SIZE (\$M)	POST MONEY (\$M)	DESCRIPTION
Scatter Lab	C	11	163	AI mobile application
Pinecone	B	100	750	Vector database to deploy ML applications at scale
OnSiteIQ	B	10	63	Construction documentation software
Odeko	D	54	604	Supply chain analysis software
Datasembly	B	21	85	Data analytics for NLP and ML
Celestial AI	B	96	320	Data center and edge AI for deep learning
ClimateAI	B	22	112	Software predicting effects of climate change
EdgeQ	B	72	300	5G systems for connectivity and AI
Covariant	C1	75	625	AI-based robots and software for enterprises
Carbon Robotics	C	30	154	Robotics for weed elimination
Potrero	D	18	108	Predictive health monitoring (medical)
Phantom AI	C	42	197	Driver assistance predicting the motion of objects
Cognosos	C	25	105	Wireless battery sensor platform
Empower Semiconductor	C2	30	201	Power management
Lambda	B	44	170	Deep learning infrastructure software
Adept	B	350	1,000	ML model reimagining how people interact with computers
Soft Robotics	C	26	90	Robotic end-of-arm tools for automation
Third Wave Automation	B	10	145	Autonomous forklift technology
Peaxy	B	12	67	Predictive analytics for battery and energy

ABOUT CONNECTED VISION ADVISORS

DEEP TECH INVESTMENT BANKING



- + **We are a deep tech investment banking firm.** We advise on M&A and capital raise transactions. We are experts at driving strategic value in technology deals.
- + **We aren't your typical financial bankers.** We are electrical engineers and former executives, and we have seen deals from all sides: large tech, startups and as bankers. Our experience gives us unique insights that helps us drive the best outcome for our clients.
- + **We focus on AI, Computer Vision, Semiconductor Ecosystems and Edge Intelligence,** working with market-leading software, hardware and IP companies.
- + **Our team is global,** based in the USA, Europe and Canada. We have deep experience doing deals across North America and Europe.
- + **We work with buyers and investors** like Qualcomm, SONY, Cisco, ARM, Bosch, Amazon, Renesas, Intel, Lattice, Cadence, Faurecia and many more.

Transaction Experience

 Series B 	RADAR IMAGING SEMICONDUCTOR Has been acquired by 	 Has been acquired by 	SPORTS TECH COMPUTER VISION AI Has been acquired by 	SMART BUILDING COMPUTER VISION AI Has been acquired by 	 IP licensed by
IoT Security & AIOPS Has been acquired by 	CLOUD NATIVE ACTIVE TESTING Has been acquired by 	SMART GRID IoT Has been acquired by 	 Has been acquired by 	 faurecia Strategic Advisory	TWISTEDPAIR Has been acquired by



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