

A New Era: Programmable Optics



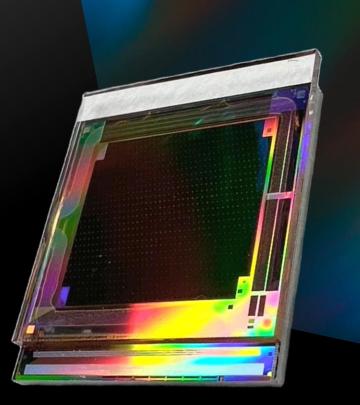
ABOUT LUMOTIVE

Lumotive's award-winning programmable optical semiconductors improve perception, increase computing power, and enable reliable high-speed communication in various industries.

The Light Control Metasurface (LCM™) chip is a highly patented, software-defined photonic beamforming technology in production currently.

"Lumotive's technological vision and innovative use of metamaterials hold great promise for products that help mobilize and automate the world"

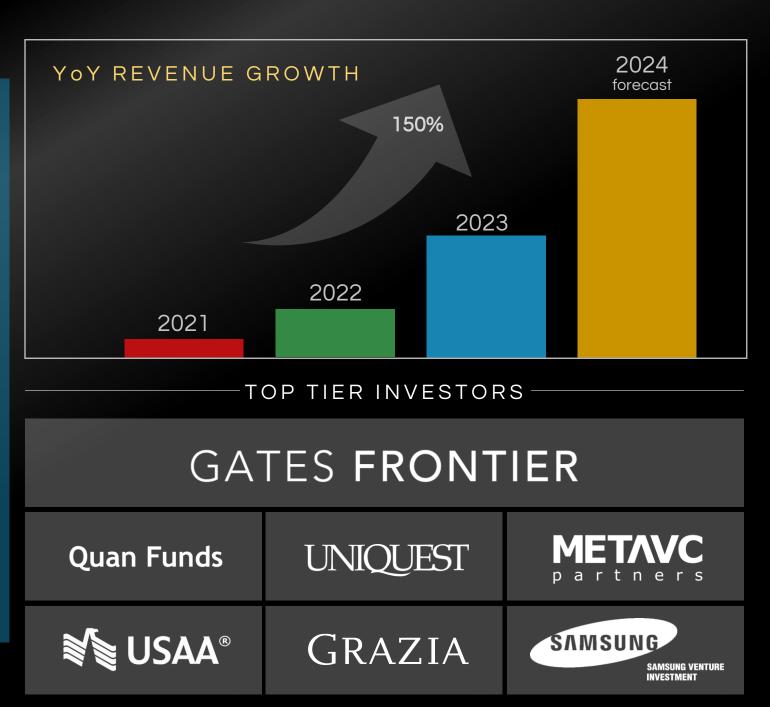
Bill Gates





LUMOTIVE AT A GLANCE

- Paradigm shift: Programable optics
- Multibillion dollar opportunity in 3D sensing, communication, Al computing, data center switches
- Protected by 100+ patents
- Multiple design wins
- In production

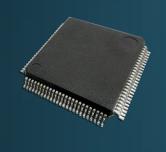




INNOVATIONS THAT CHANGED THE COURSE OF HISTORY





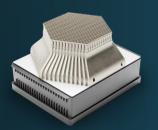


...revolutionized computing





THE PHASED ARRAY ANTENNA



...revolutionized telecommunications





NOW: LUMOTIVE IS REVOLUTIONIZING OPTICS







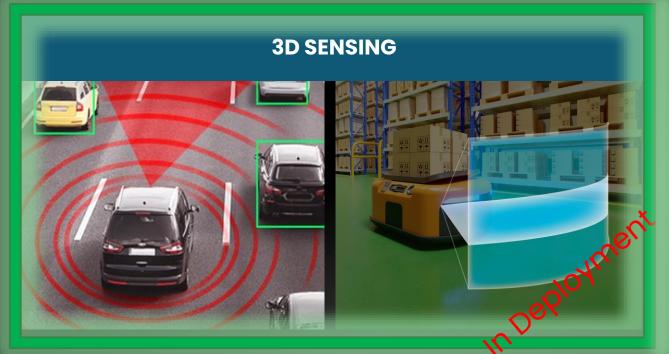
Mechanical beam steering

Enabling A New Era:
Programmable Optics

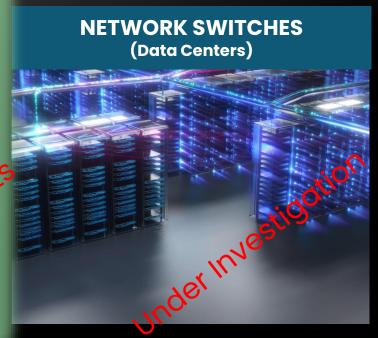
Simpler, Smaller, Sturdier, Cost-effective, and Software Defined



TRANSFORMATIVE ACROSS APPLICATIONS



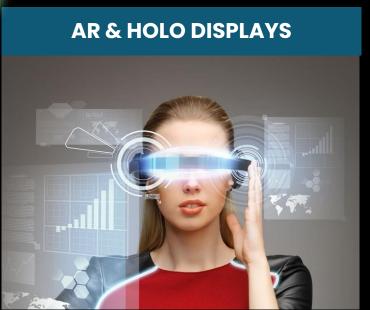












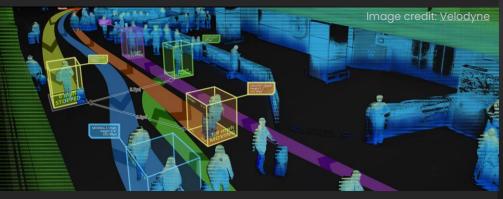


SCALABLE ACROSS 3D SENSING MARKETS

AR / XR & GAMING



SURVEILLANCE & SECURITY



ROBOTICS & DRONES



DEFENSE & AEROSPACE



AUTOMOTIVE



MANUFACTURING & LOGISTICS



CONSUMER ELECTRONICS



SMART INFRASTRUCTURE

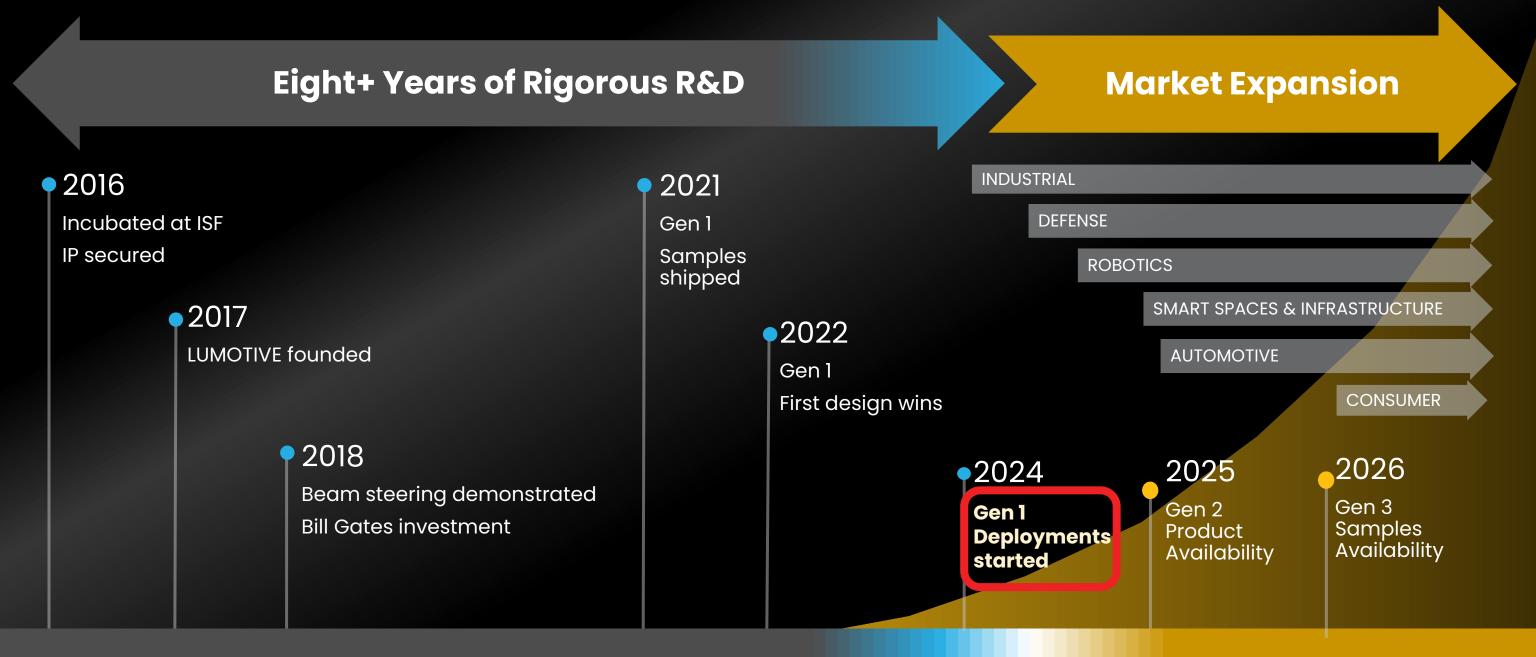


HEALTHCARE





THE HARD WORK IS DONE





WHY LUMOTIVE

Game-changing technology

Pioneering a New Era of programable Optics

Multiple large addressable markets 3D sensing, communication, Al computing, circuit Switch for datacenters, & more

Demonstrated product-market-fit

Strong traction in industrial, automotive, and defense sectors

Exceptional team

Proven track record of success

Strong moat

A war chest of robust IP and trade secrets



THANK YOU!



2022 Edison Award,



2022 AI Excellence Award, Virtual Reality



2021 EE Times Silicon 100: "Startups Worth Watching"



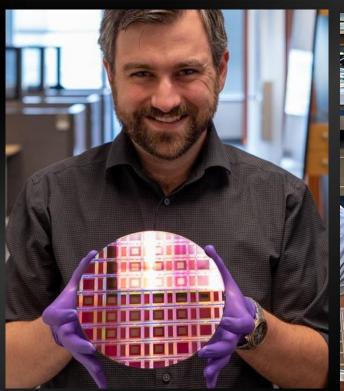
2022 SPIE & Photonics Media Prism Award



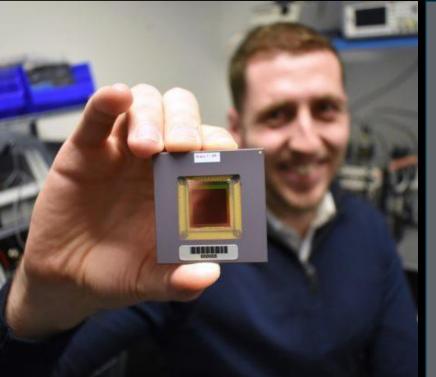
2022 & 2024 CES Innovation Awards



2021 Sensors Converge Award







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