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Headquarters: Santa Clara, CA

NVIDIA pioneered accelerated computing to help solve impactful challenges classical computers cannot. A quarter of a century in the making, NVIDIA accelerated computing is broadly recognized as the way to advance computing as Moore's law ends and AI lifts off.

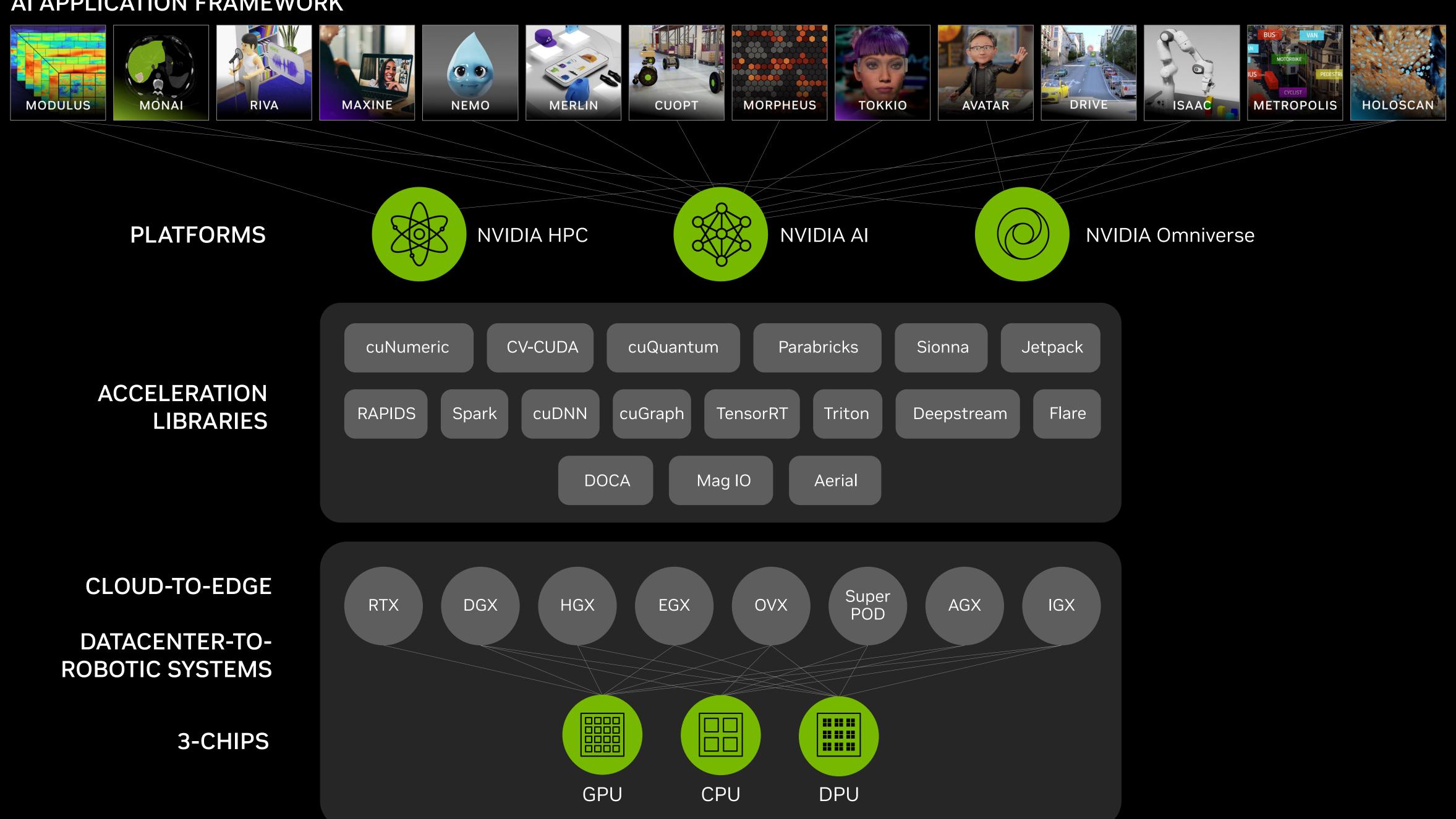
NVIDIA's platform is installed in several hundred million computers, is available in every cloud and from every server maker, powers over 75% of the TOP500 supercomputers, and boasts 4.7 million developers.



NVIDIA's Accelerated Computing Platform

Full-stack innovation across silicon, systems and software

AI APPLICATION FRAMEWORK



With nearly three decades of singular focus, NVIDIA is expert at accelerating software and scaling compute by a Million-X, going well beyond Moore's law

Accelerated computing requires full-stack innovation — optimizing across every layer of computing — from silicon and systems to software and algorithms, demanding deep understanding of the problem domain

Our full-stack platforms — NVIDIA HPC, NVIDIA AI, and NVIDIA Omniverse accelerate high performance computing, Al and industrial digitalization workloads

We accelerate workloads at data center scale, across thousands of compute nodes, treating the network and storage as part of the computing fabric

Our platform extends from the cloud and enterprise data centers to supercomputing centers, edge computing and PCs



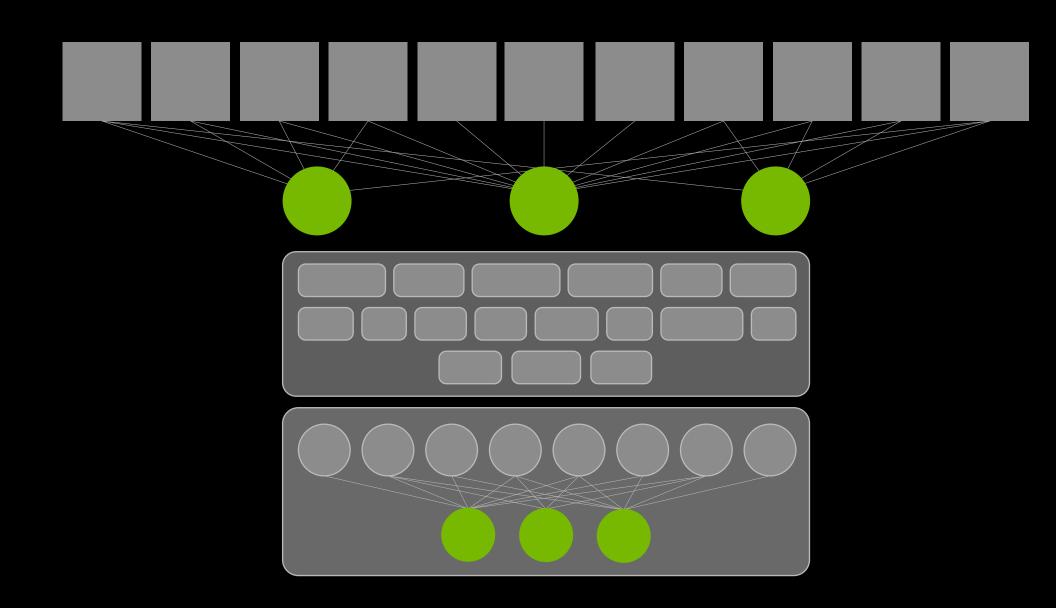
What Is Accelerated Computing?

A full-stack approach: silicon, systems, software

Not just a superfast chip – accelerated computing is a full-stack combination of:

- Chip(s) with specialized processors
- Algorithms in acceleration libraries
- Domain experts to refactor applications

To speed-up compute-intensive parts of an application



Amdahl's law:

The overall system speed-up (S) gained by optimizing a single part of a system by a factor (s) is limited by the proportion of execution time of that part (p).

$$S = \frac{1}{(1 - p) + \frac{p}{s}}$$

For example:

- If 90% of the runtime can be accelerated by 100X, the application is sped up 9X
- If 99% of the runtime can be accelerated by 100X, the application is sped up 50X
- If 80% of the runtime can be accelerated by 500X, or even 1000X, the application is sped up 5X



Why Accelerated Computing?

Advancing computing in the post-Moore's Law era

Accelerated computing is needed to tackle the most impactful opportunities of our time—like AI, climate simulation, drug discovery, ray tracing, and robotics

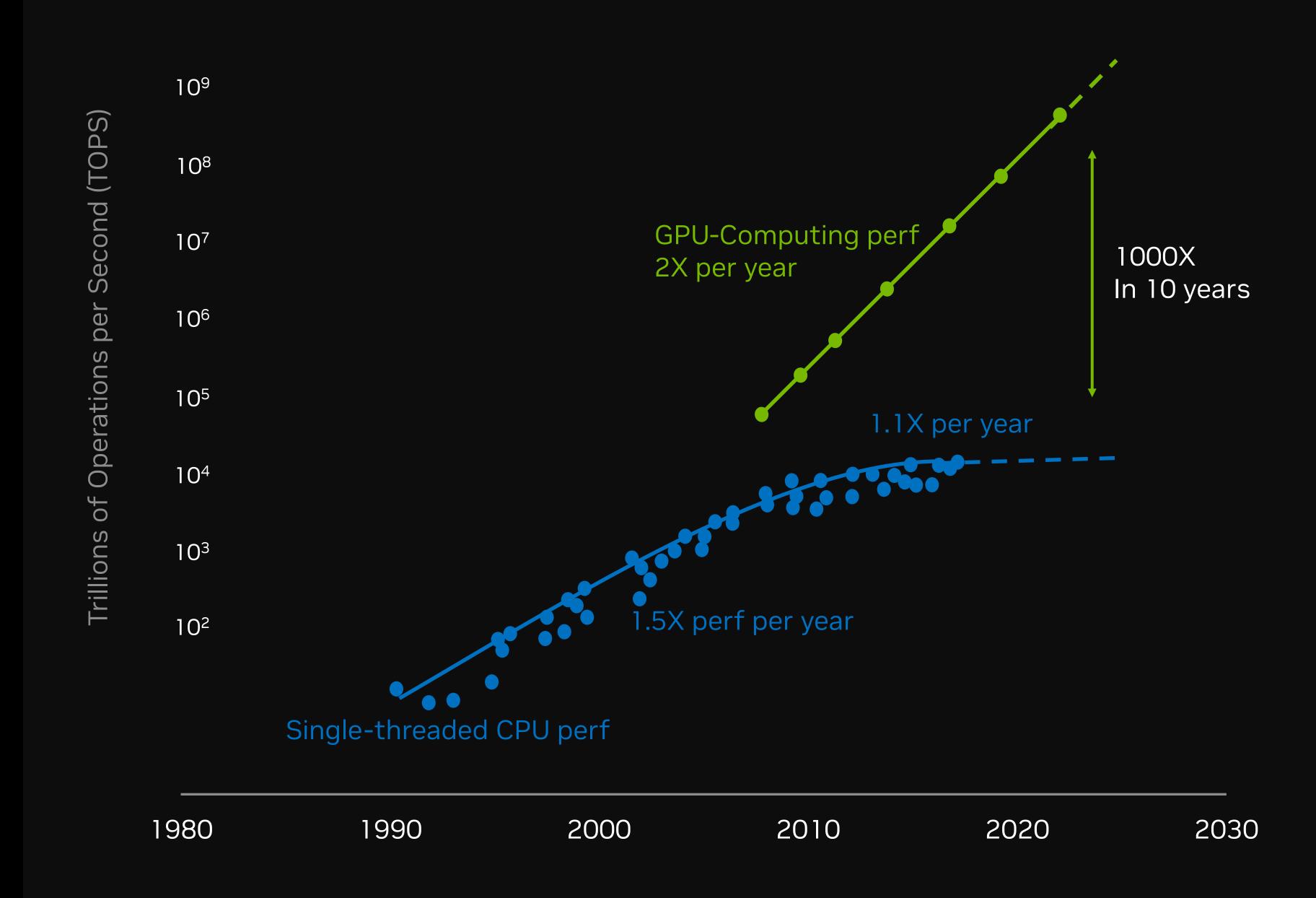
NVIDIA is uniquely dedicated to accelerated computing—working top-to-bottom, refactoring applications and creating new algorithms, and bottom-to-top—inventing new specialized processors, like RT Core and Tensor Core

"It's the end of Moore's Law as we know it."

- John Hennessy Oct 23, 2018

"Moore's Law is dead."

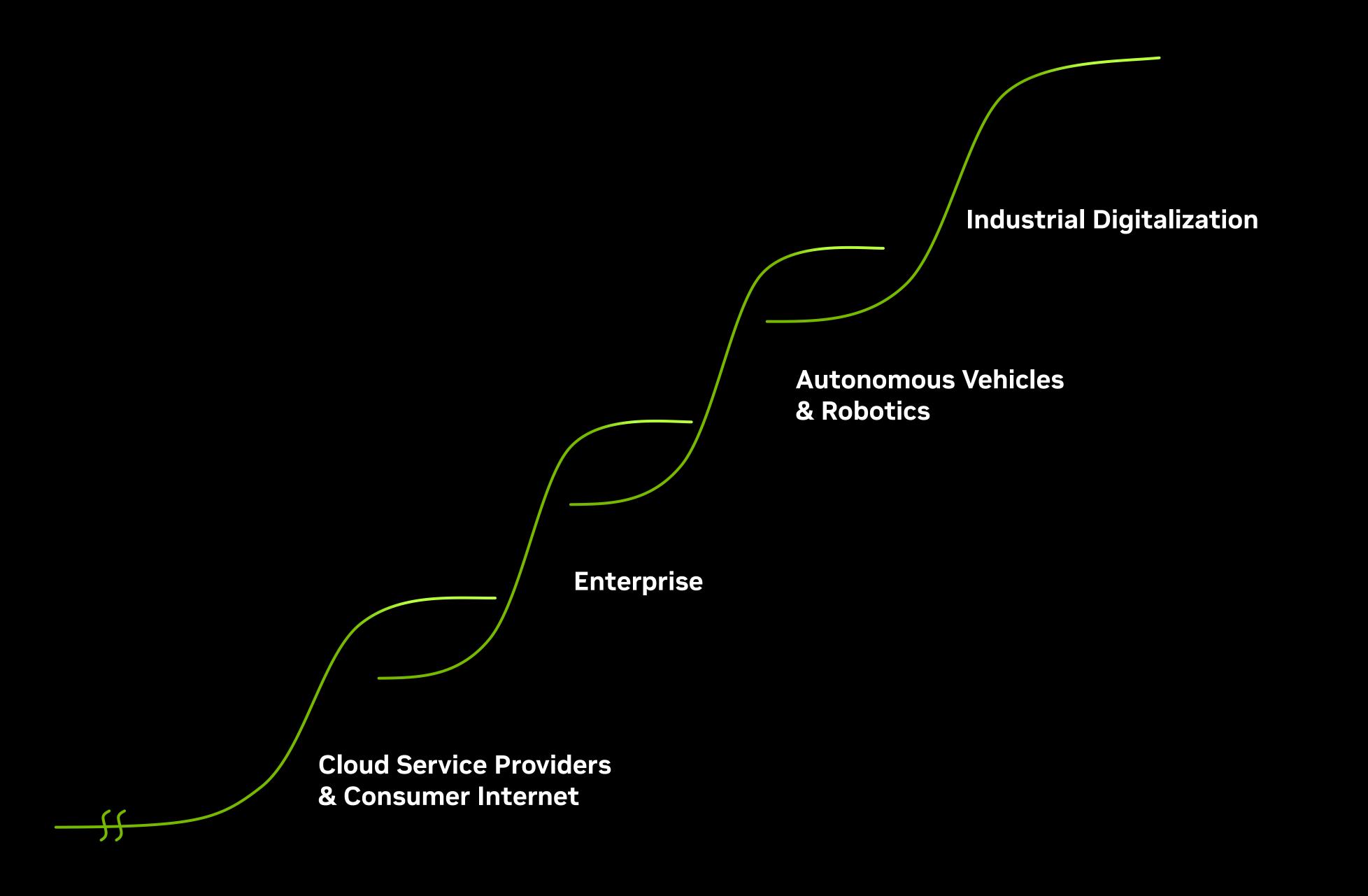
- Jensen Huang, GTC 2013





Waves of Adoption of Accelerated Computing

A generational computing platform shift



A new computing era has begun

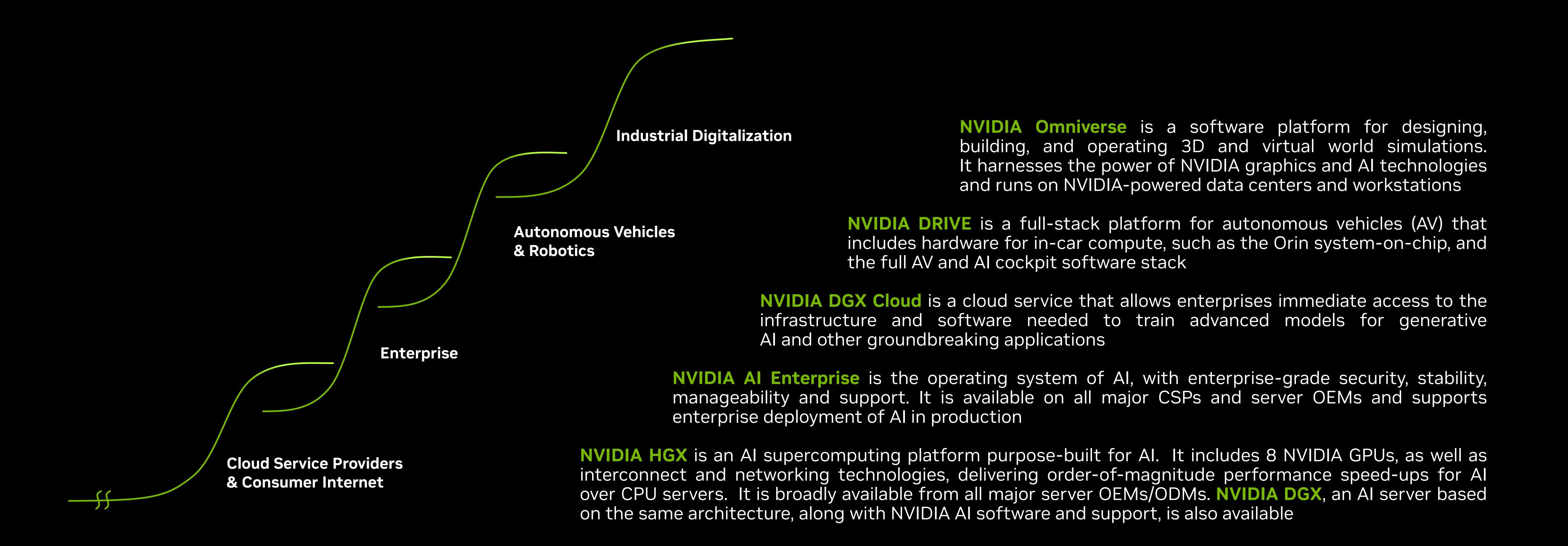
Accelerated computing enabled the rise of Al, which is driving a platform shift from general purpose to accelerated computing, and enabling new, never-before-possible applications

The trillion dollars of installed global data center infrastructure will transition to accelerated computing to achieve better performance, energy-efficiency and cost by an order of magnitude

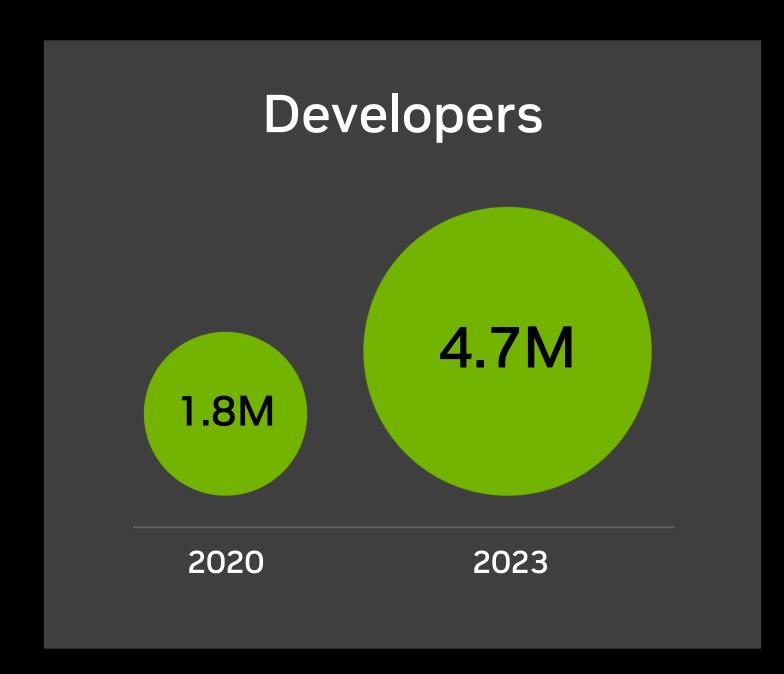
Hyperscale cloud service providers and consumer internet companies have been the early adopters of AI and accelerated computing, with broader enterprise adoption now under way

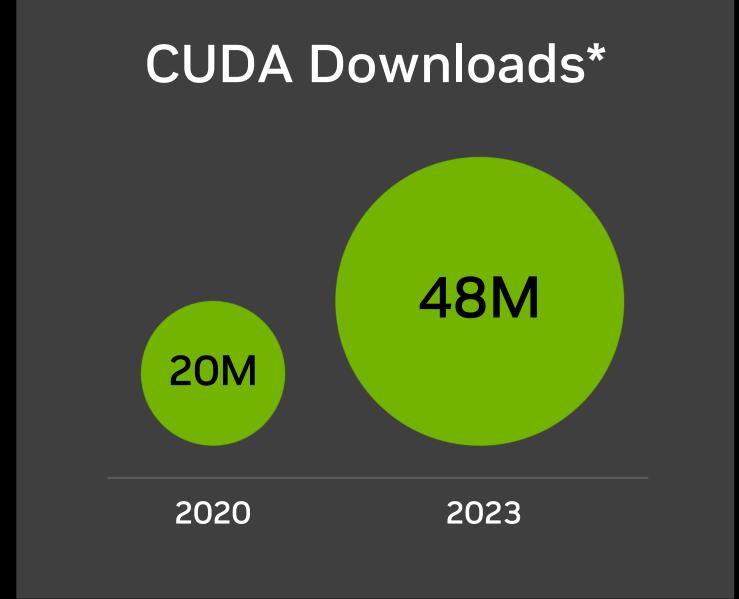
Al and accelerated computing will also make possible the next big waves — autonomous machines and industrial digitalization

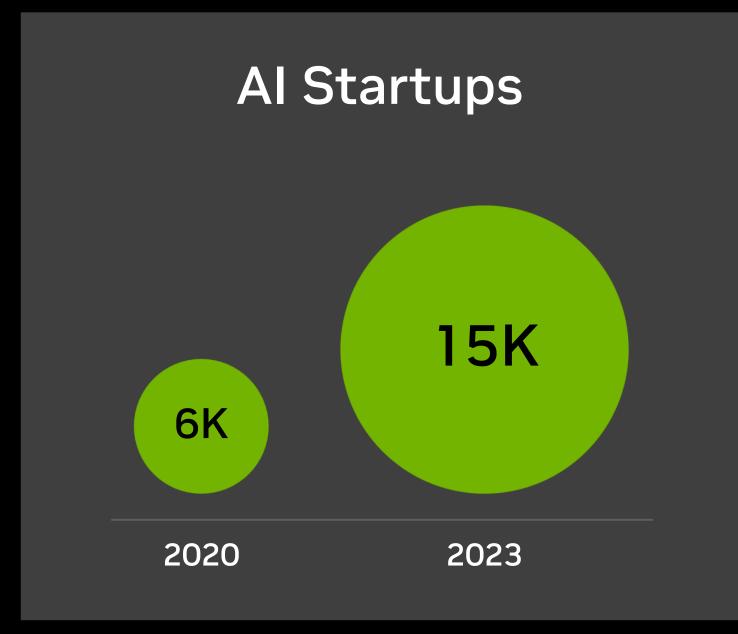
NVIDIA Accelerated Computing for Every Wave

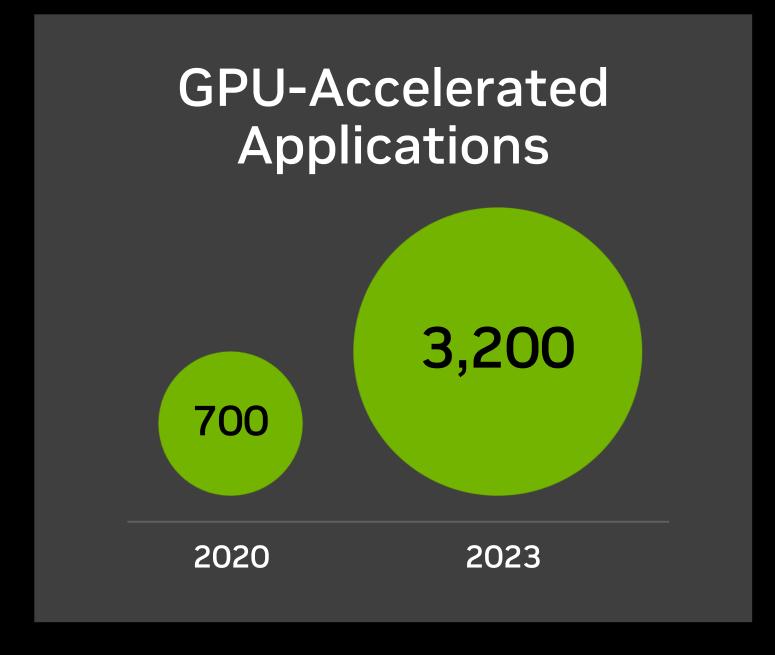


NVIDIA's Accelerated Computing Ecosystem









The NVIDIA accelerated computing platform has attracted the largest ecosystem of developers, supporting a rapidly growing universe of applications and industry innovation

Developers can engage with NVIDIA through CUDA our parallel computing programming model introduced in 2006— or at higher layers of the stack, including libraries, pre-trained AI models, SDKs and other development tools

300 Libraries

600 Al Models

100 Updated in the Last Year



NVIDIA's Multi-Sided Platform and Flywheel



NVIDIA Accelerated Computing Virtuous Cycle

The virtuous cycle of NVIDIA's accelerated computing starts with an installed base of several hundred million GPUs, all compatible with the CUDA programming model

- For developers NVIDIA's one architecture and large installed base give developer's software the best performance and greatest reach
- For end users NVIDIA is offered by virtually every computing provider and accelerates the most impactful applications from cloud to edge
- For cloud providers and OEMs NVIDIA's rich suite of Acceleration Platforms lets partners build one offering to address large markets including media & entertainment, healthcare, transportation, energy, financial services, manufacturing, retail, and more
- For NVIDIA Deep engagement with developers, computing providers, and customers in diverse industries enables unmatched expertise, scale, and speed of innovation across the entire accelerated computing stack propelling the flywheel



Huge ROI from AI Driving a Powerful New Investment Cycle

Al can augment creativity and productivity by orders of magnitude across industries

Knowledge workers will use copilots based on large language models to generate documents, answer questions, or summarize missed meetings, emails and chats — adding hours of productivity per week

Copilots specialized for fields such as software development, legal services or education can boost productivity by as much as 50%

Social media, search and e-commerce apps are using deep recommenders to offer more relevant content and ads to their customers, increasing engagement and monetization

Creators can generate stunning, photorealistic images with a single text prompt — compressing workflows that take days or weeks into minutes in industries from advertising to game development

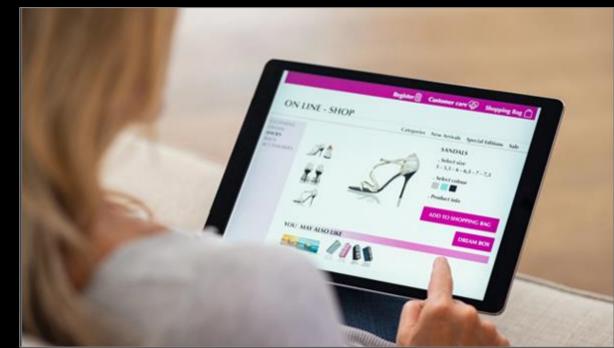
Call center agents augmented with AI chatbots can dramatically increase productivity and customer satisfaction

Drug discovery, financial services, agriculture and food services and climate forecasting are seeing order-of-magnitude workflow acceleration from Al

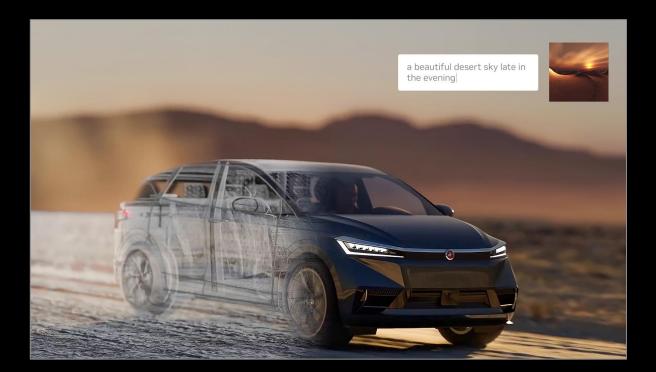


Office AI Copilots

Over 1B knowledge workers



Search & Social Media \$700B in digital advertising annually



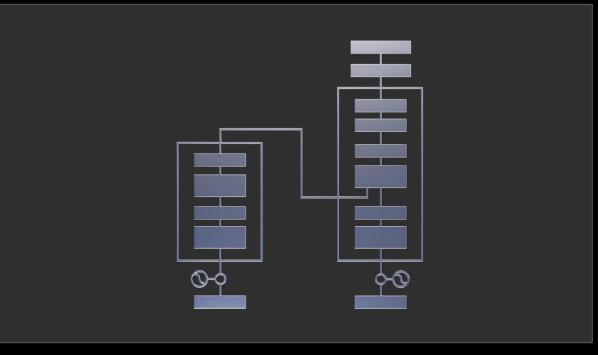
Al Content Creation
50M creators globally



Legal Services, Education

1M legal professionals in the US

9M educators in the US



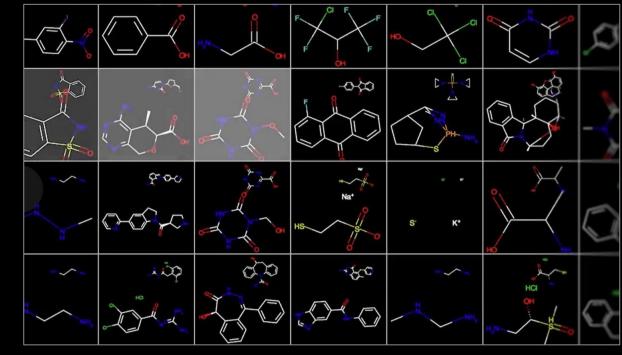
Al Software Development
30M software developers globally



Financial Services
678B annual credit card transactions



Customer Service with Al 15M call center agents globally



Drug Discovery

10¹⁸ molecules in chemical space
40 exabytes of genome data



Agri-Food | Climate

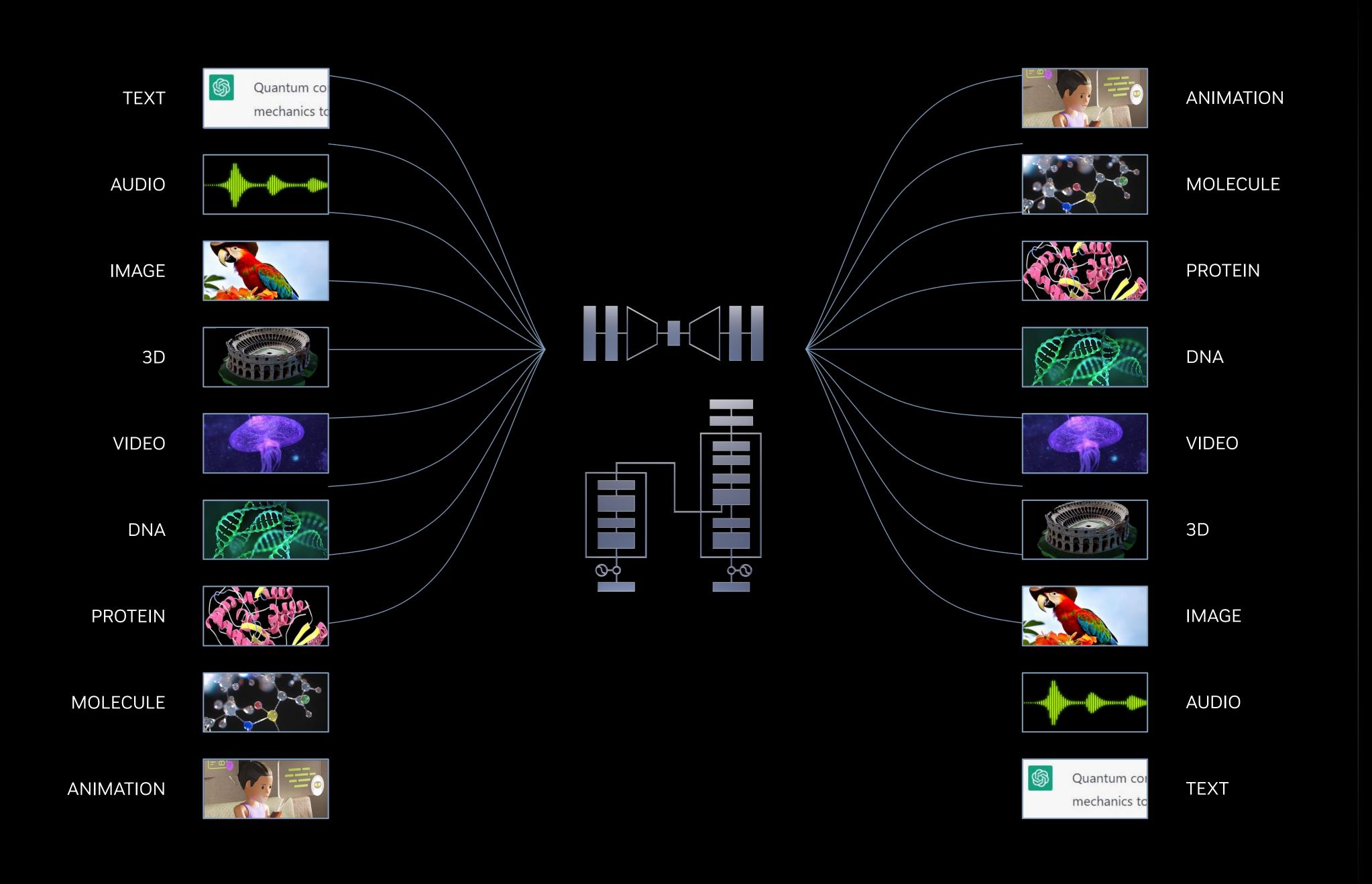
1B people in agri-food worldwide

Earth-2 for km-scale simulation



Generative Al

The most important computing platform of our generation



The era of generative AI has arrived, unlocking new opportunities for AI across many different applications

Generative Al is trained on large amounts of data to find patterns and relationships, learning the representation of almost anything with structure

It can then be prompted to generate text, images, video, code, or even proteins

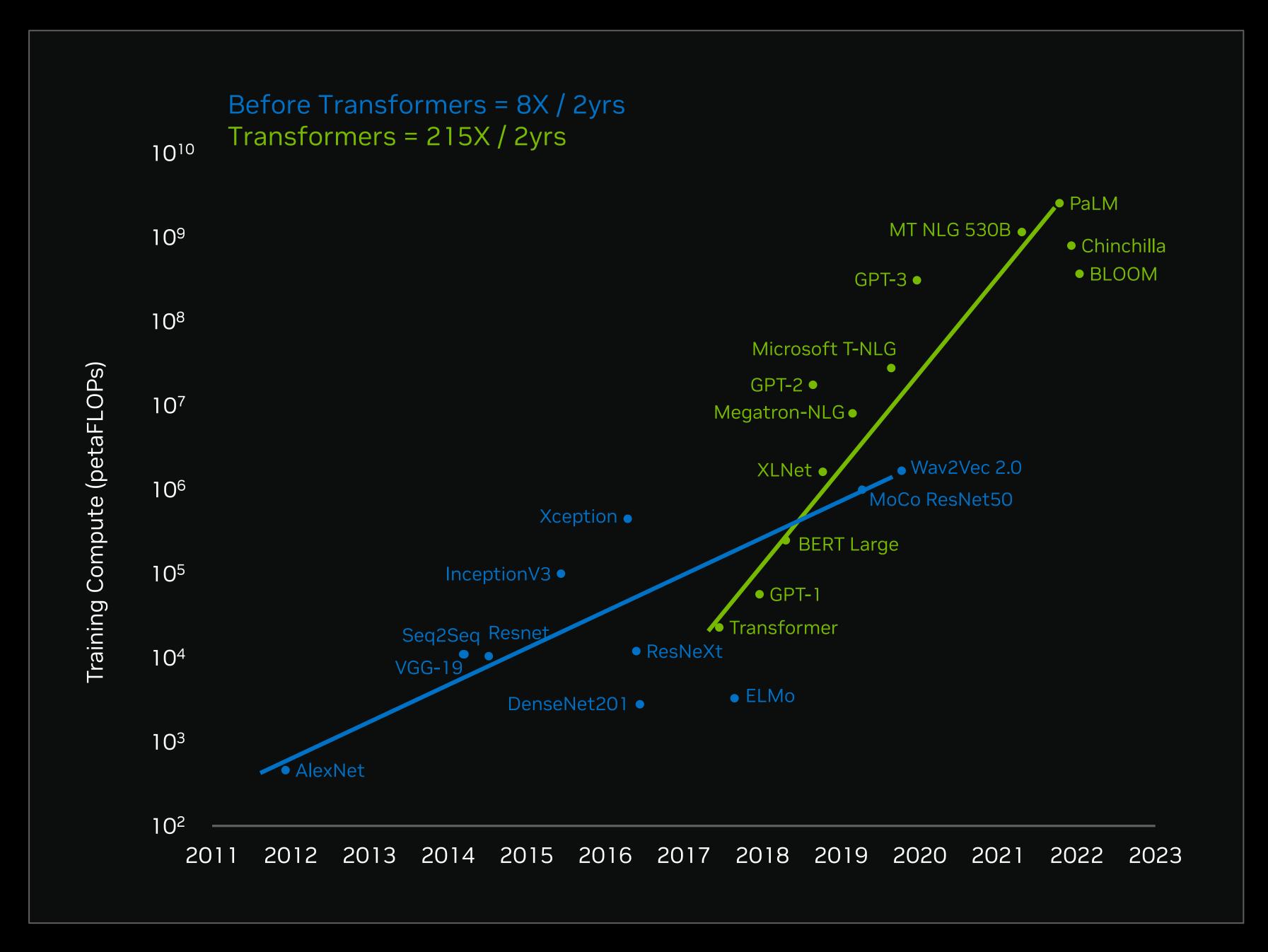
For the very first time, computers can augment the human ability to generate information and create

1,600+ Generative Al companies are building on NVIDIA



Modern Al is a Data Center Scale Computing Workload

Data centers are becoming Al factories: Data as input, intelligence as output



Large Language Models, based on the Transformer architecture, are one of today's most important advanced AI technologies, involving up to trillions of parameters that learn from text. Developing them is an expensive, time-consuming process that demands deep technical expertise, distributed data center-scale infrastructure, and a full-stack accelerated computing approach.

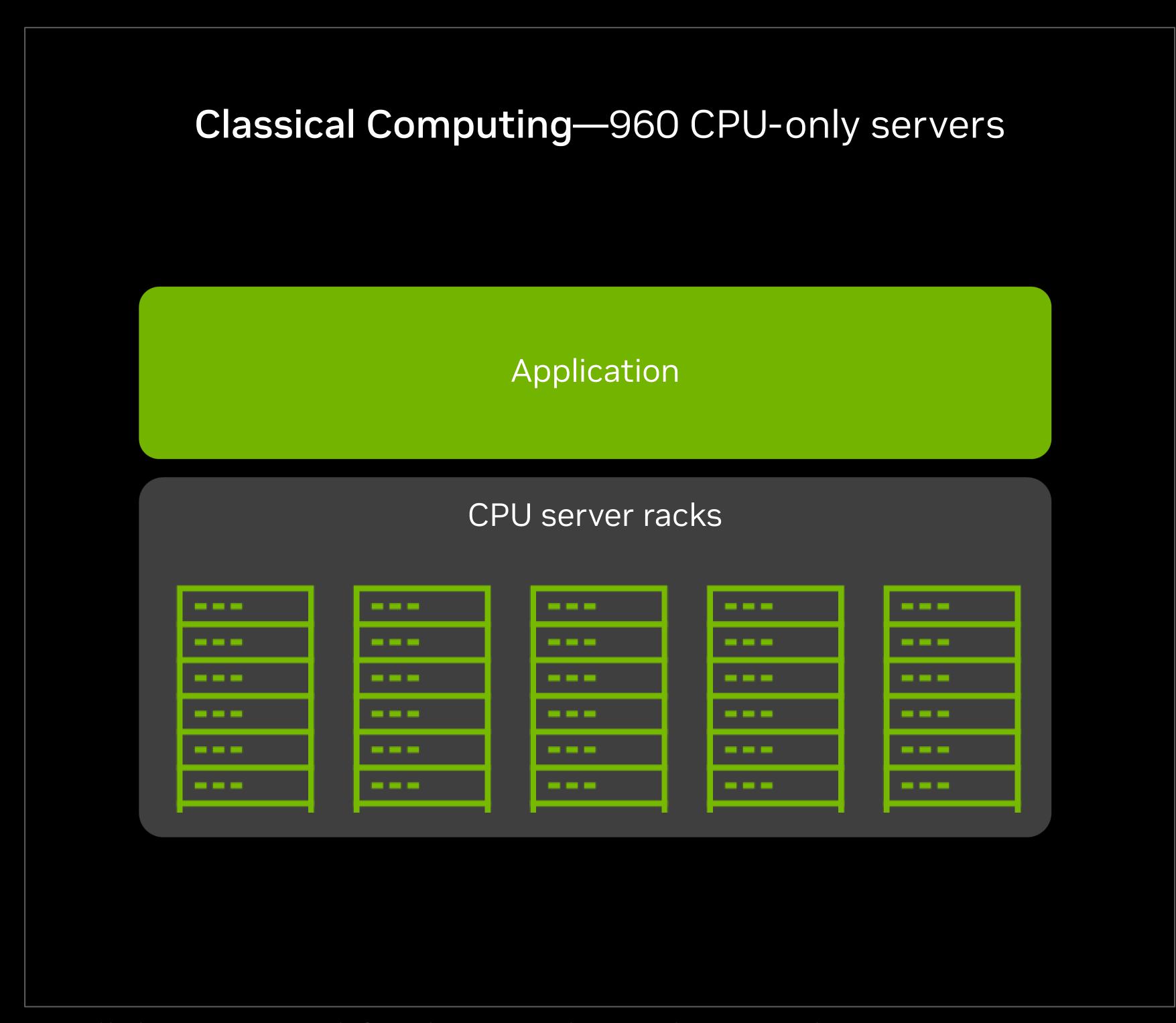
Al Training Computational Requirements

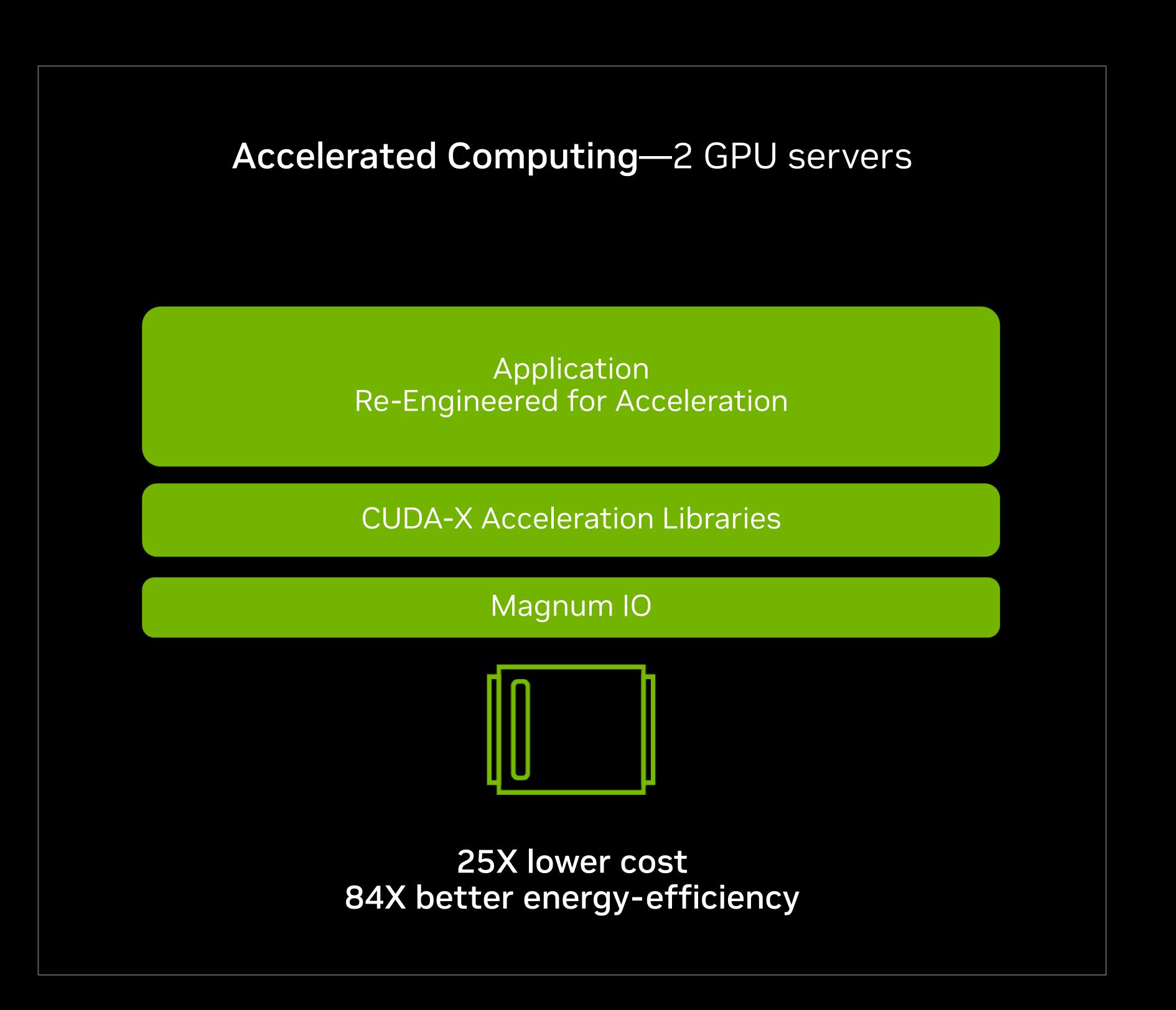
Fueling Giant-Scale Al Infrastructure NVIDIA compute & networking GPU | DPU | CPU

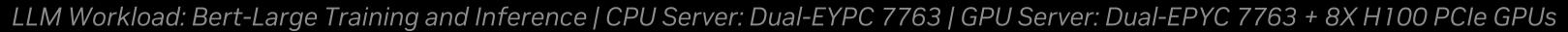


Full-Stack & Data Center Scale Acceleration

Drive significant cost savings and workload scaling



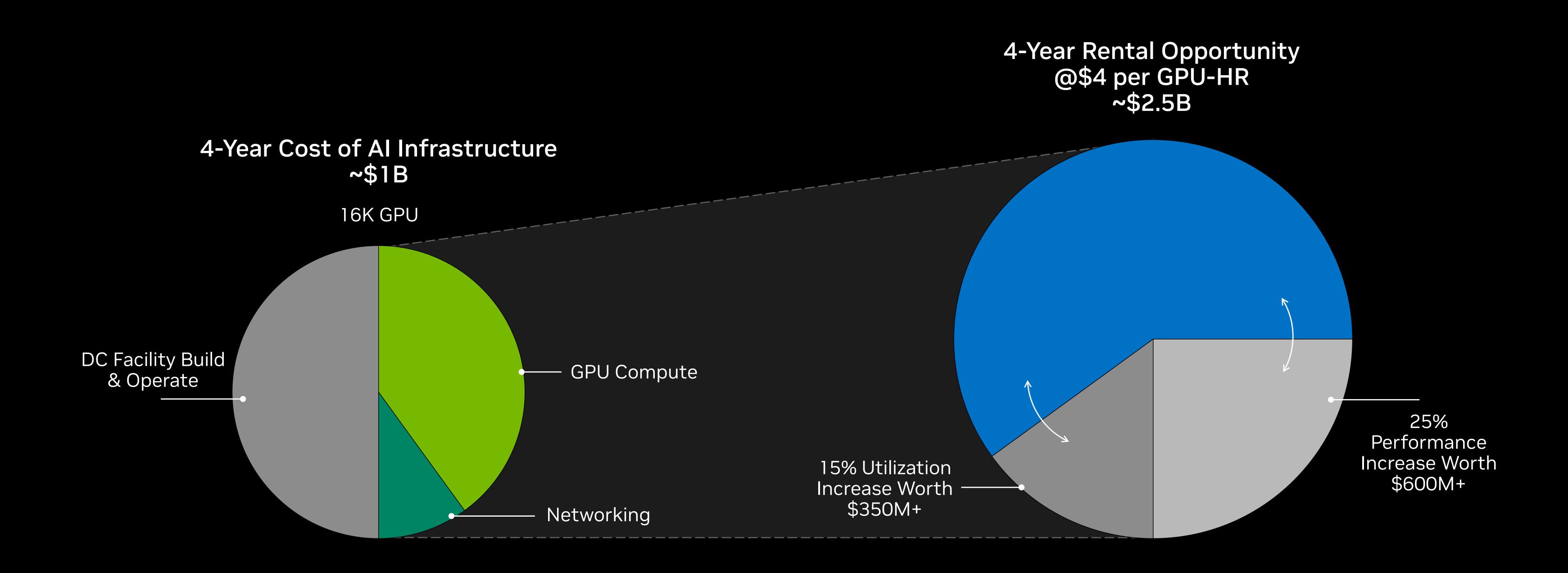






The High ROI of High Compute Performance

\$1 upfront investment in NVIDIA compute and networking can translate to \$5 in CSP revenue over 4 years

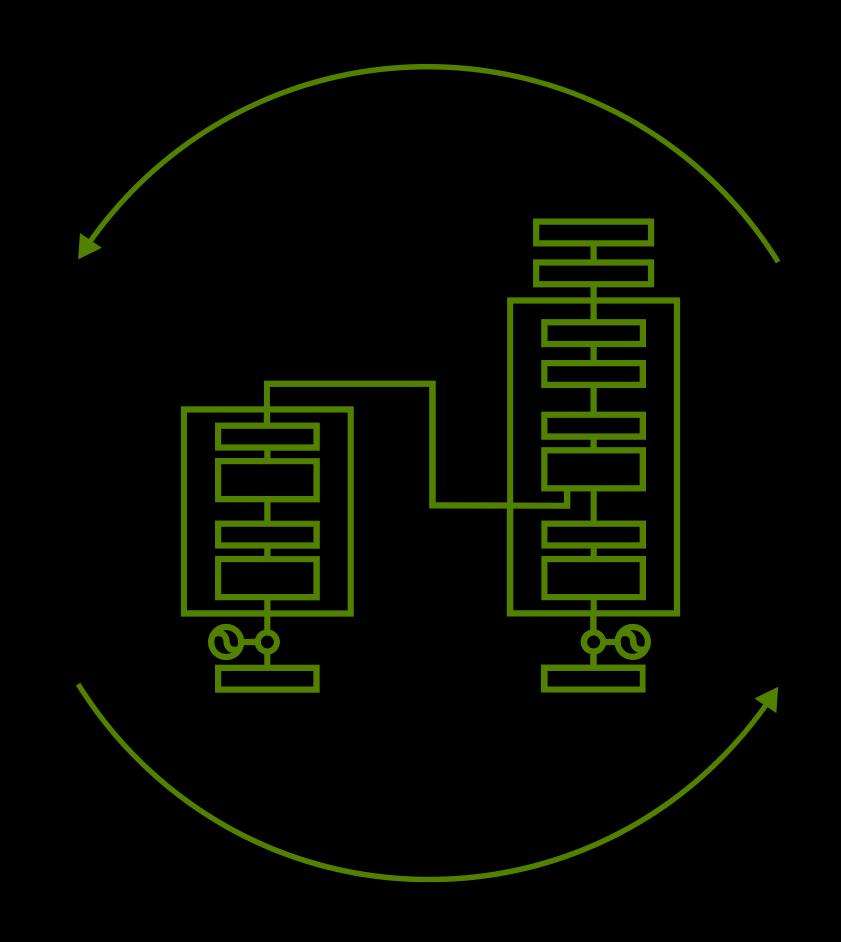


Training & Inference — One Architecture

Cloud | On-Prem | Edge







IN THE DATA CENTER NVIDIA L40 Image Generation NVIDIA L4 Al Video NVIDIA H100 | L40S Universal GPUs NVIDIA Grace Hopper RecSys, Gen Al

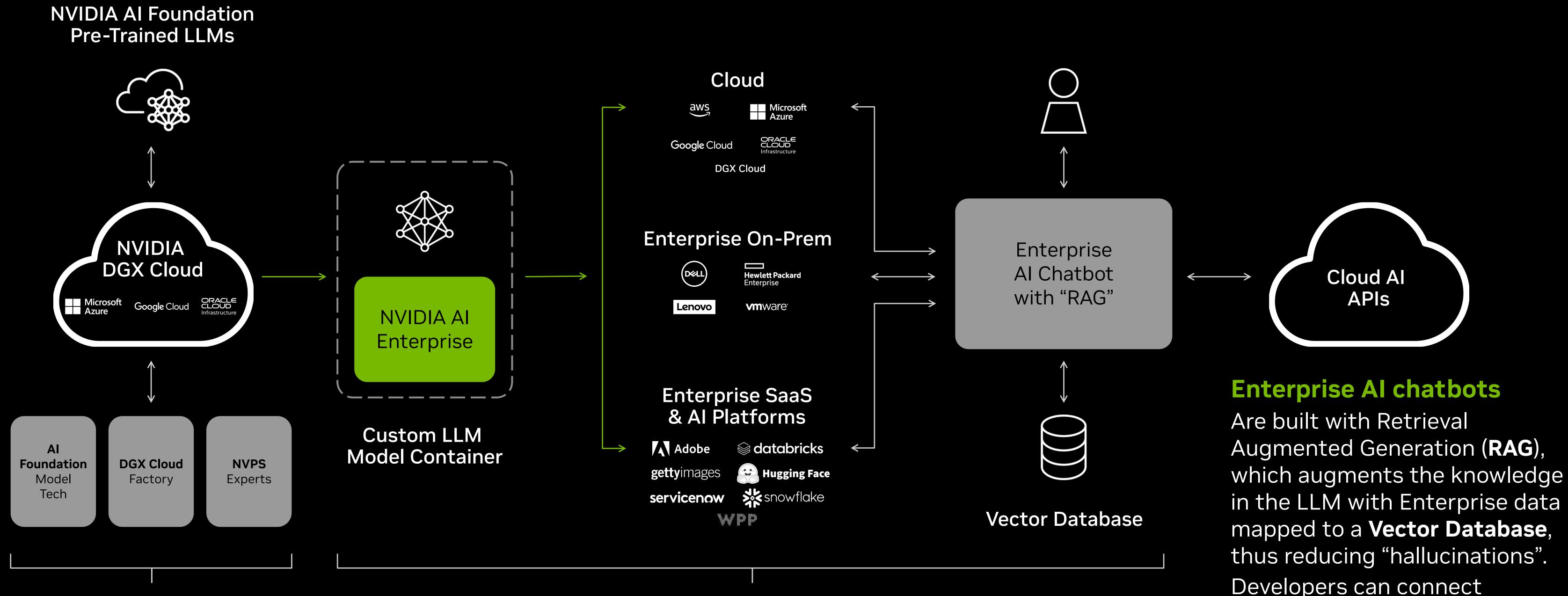


Inference



Powering the Al Industrial Revolution

Building and Running Enterprise Gen Al Applications



NVIDIA AI foundry service for building Enterprise Al applications

NVIDIA AI enterprise ecosystem for running Enterprise Al applications in the LLM with Enterprise data mapped to a Vector Database, thus reducing "hallucinations". Developers can connect

Cloud Al

APIs

additional or 3rd party services to the AI chatbot via cloud AI APIs.



The NVIDIA AI Foundry Model on DGX Cloud

For building enterprise Al applications

NVIDIA's "AI foundry" service leverages our AI infrastructure and expertise to build custom AI models for enterprise customers — analogous to a semiconductor foundry that uses its infrastructure and expertise to build custom chips for fabless customers.

An enterprise customer starts with an NVIDIA or 3rd party pre-trained Al model, available in NVIDIA Al Foundations. This model making service includes frameworks such as NVIDIA NeMo for custom LLMs and NVIDIA Picasso for custom generative Al for visual design.

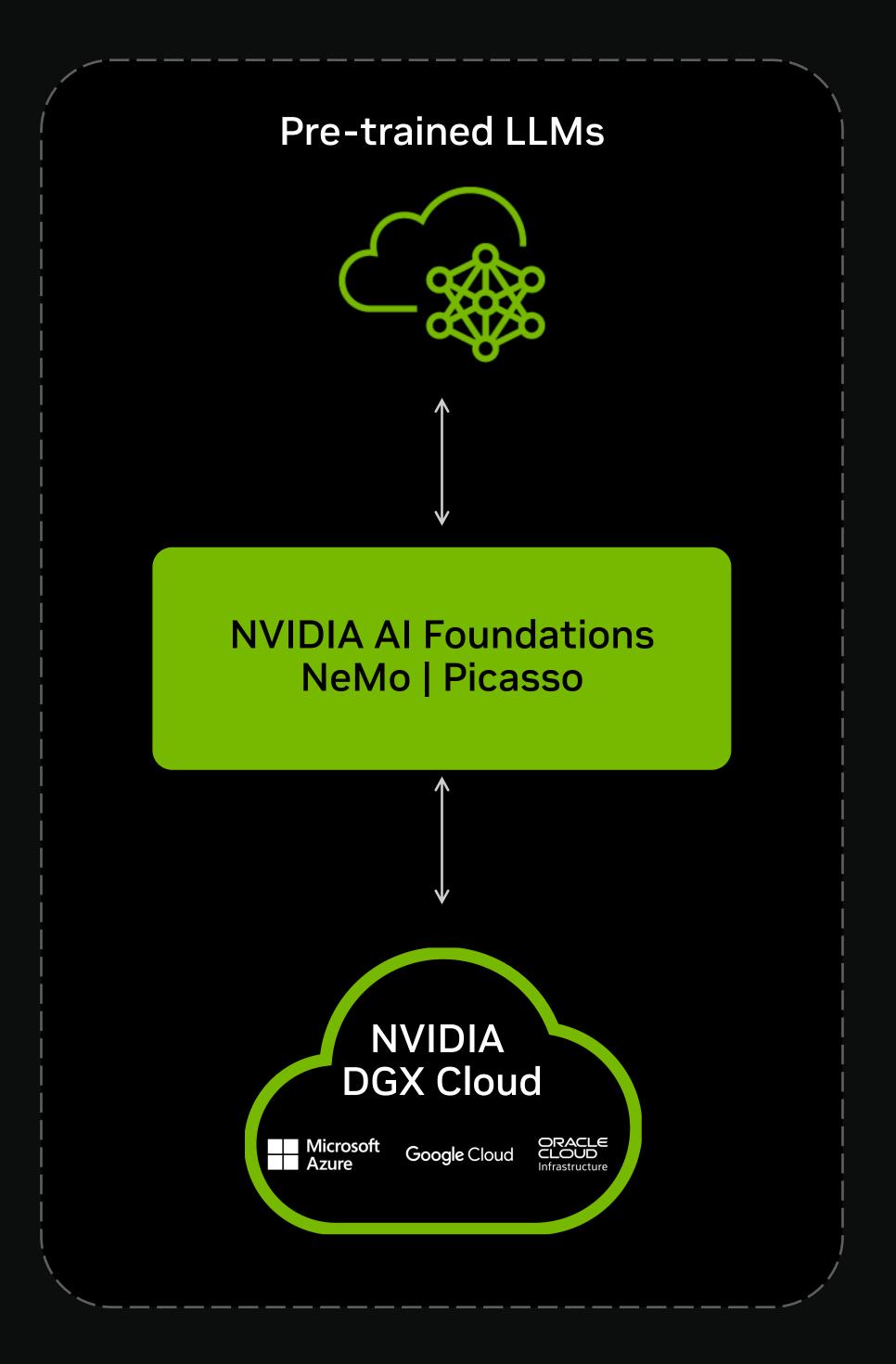
With help from NVIDIA experts, the enterprise customer fine-tunes the model on their proprietary enterprise data and adds guardrails, using tools available in NVIDIA AI Foundations.

The fine-tuning and optimization is done on NVIDIA DGX Cloud, a cloud service that allows enterprises immediate access to NVIDIA Al infrastructure and software, hosted at partner cloud providers.

The enterprise customer ends up with a fully-trained and optimized Al model, fine-tuned on their proprietary enterprise data, that can be deployed anywhere — in the cloud or on-prem.

The NVIDIA AI Foundry model generates revenue based on per-node, per-month consumption of NVIDIA DGX Cloud.





NVIDIA AI foundry

Al Factories — A New Class of Data Centers

For running enterprise Al applications

"Al factories" are a new class of data centers specially built for processing, refining and transforming vast amounts of data into valuable Al models and tokens.

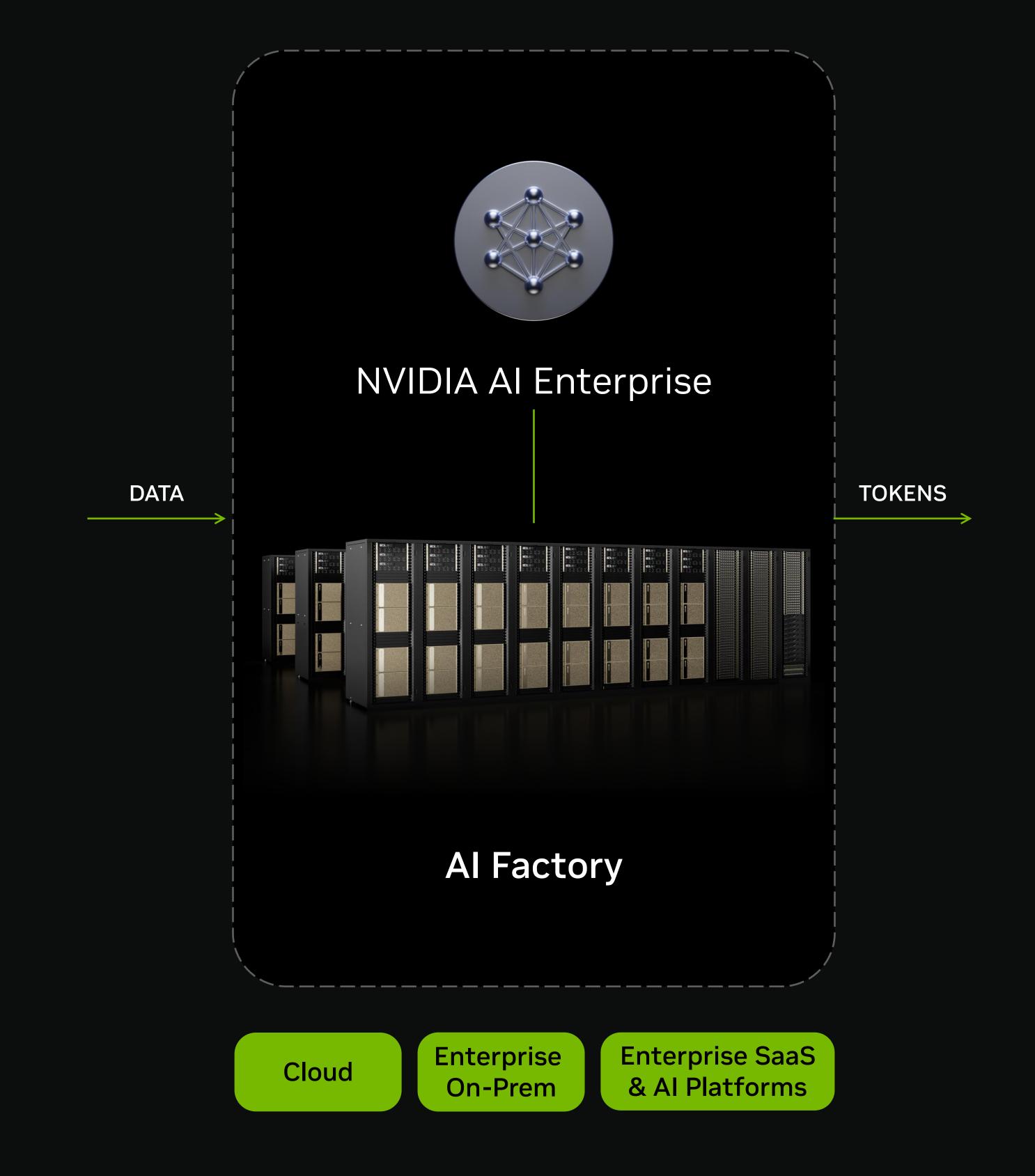
Unlike traditional data centers built for IT workloads, AI factories are built to deliver automated, professional skills.

Al factories are not multi-workload or multi-tenant. They run one workload – an Al model – and have just one customer or owner — analogous to a traditional factory.

Al factories can be built on-prem, in the cloud, or in the data centers of SaaS and Al platform vendors.

We believe that in the future, every important company will run its own AI factories in order to securely process its valuable proprietary data and turn it into monetizable tokens, encapsulating its knowledge, intelligence, and creativity.

In addition to the up-front revenue opportunity from data center systems, NVIDIA can generate recurring revenue from AI factories for their use of NVIDIA AI Enterprise, the operating system for enterprise AI.





NVIDIA AI Enterprise

The operating system for enterprise Al

NVIDIA AI Enterprise

NVIDIA AI Enterprise is software for deploying and running AI with enterprise-grade security, API stability, manageability and support.

Cloud-native and available in every major cloud marketplace.

Certified to run on servers and workstations from all major OEMs.

Supported by all major global system integrators.

Integrated with and distributed by VMware.

AI Use Cases and Workflows



LLM



Medical Imaging



Speech Al



Video Analytics



Recommenders



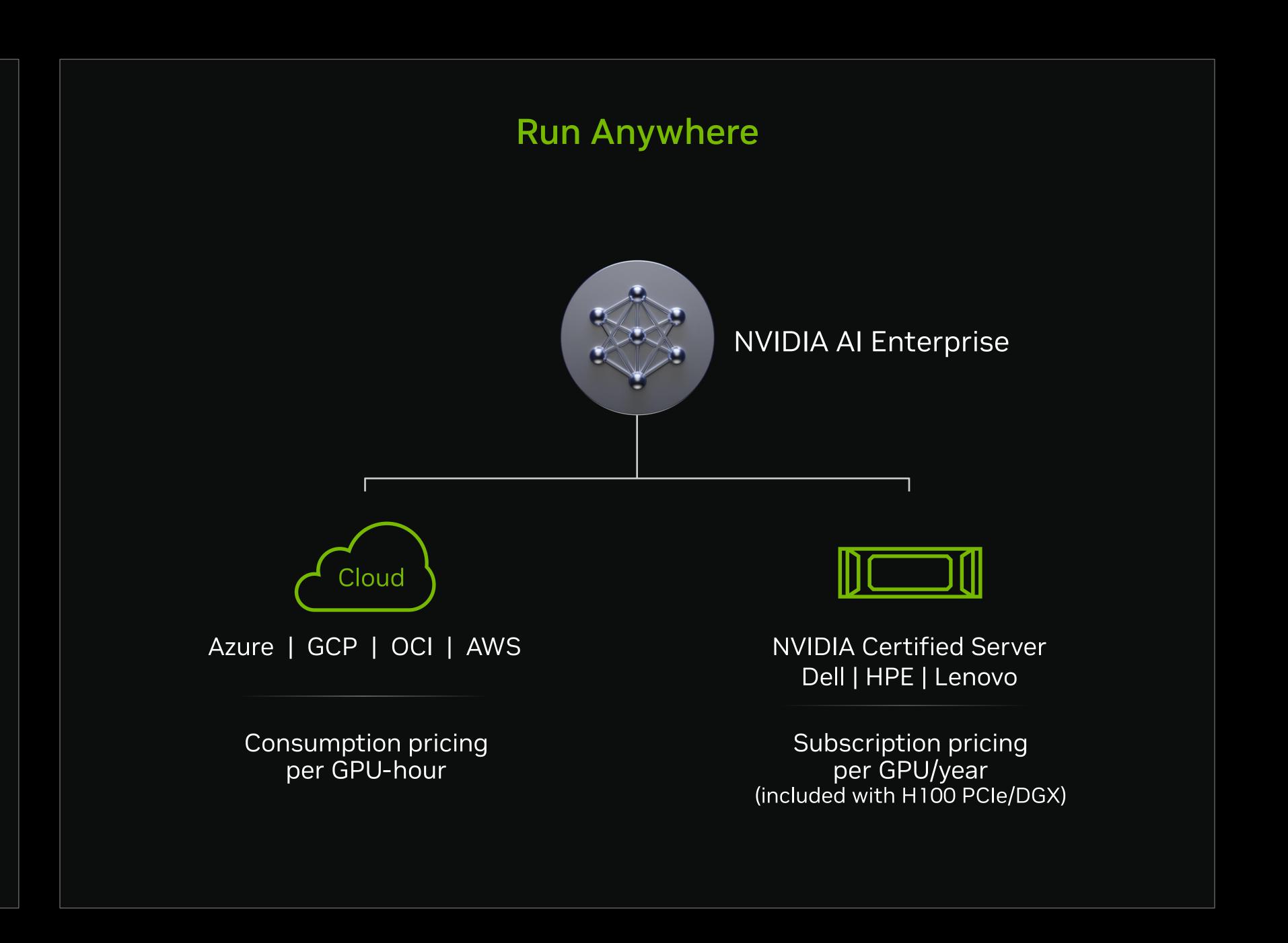
Route Optimization



Cybersecurity



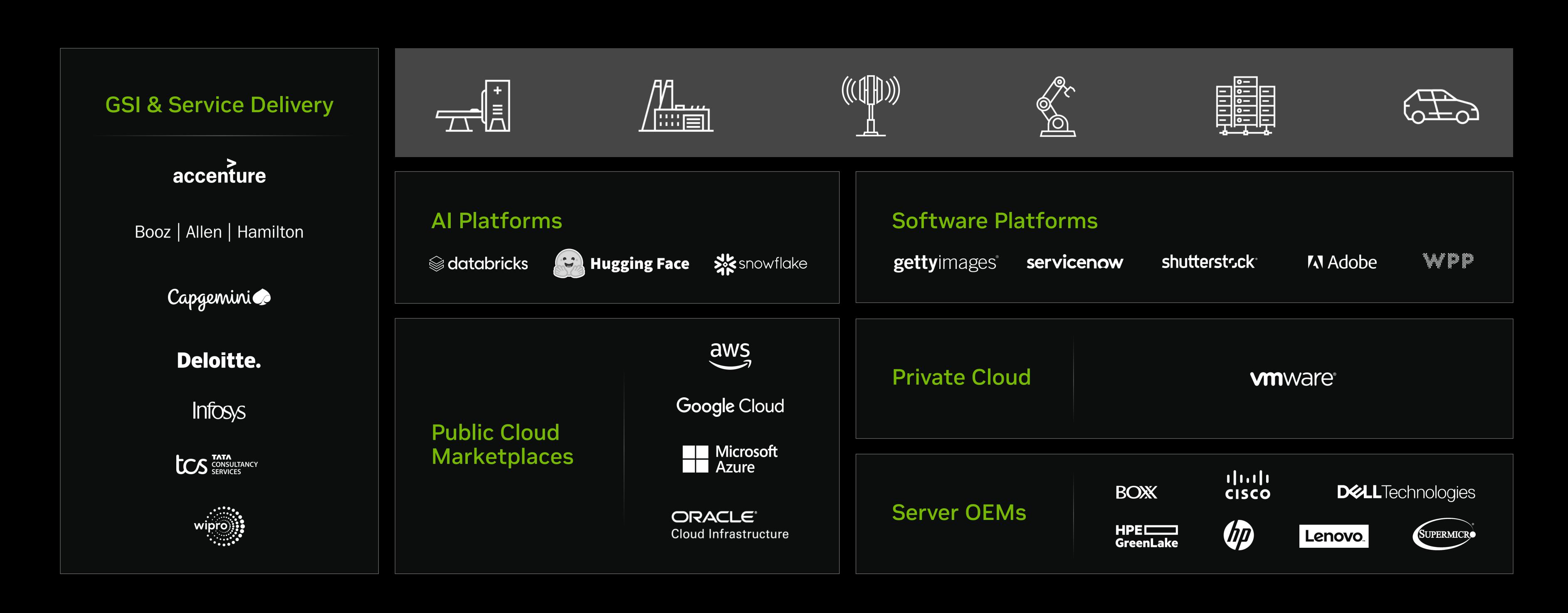
More





NVIDIA AI Enterprise

Broad and deep ecosystem and distribution to reach every enterprise



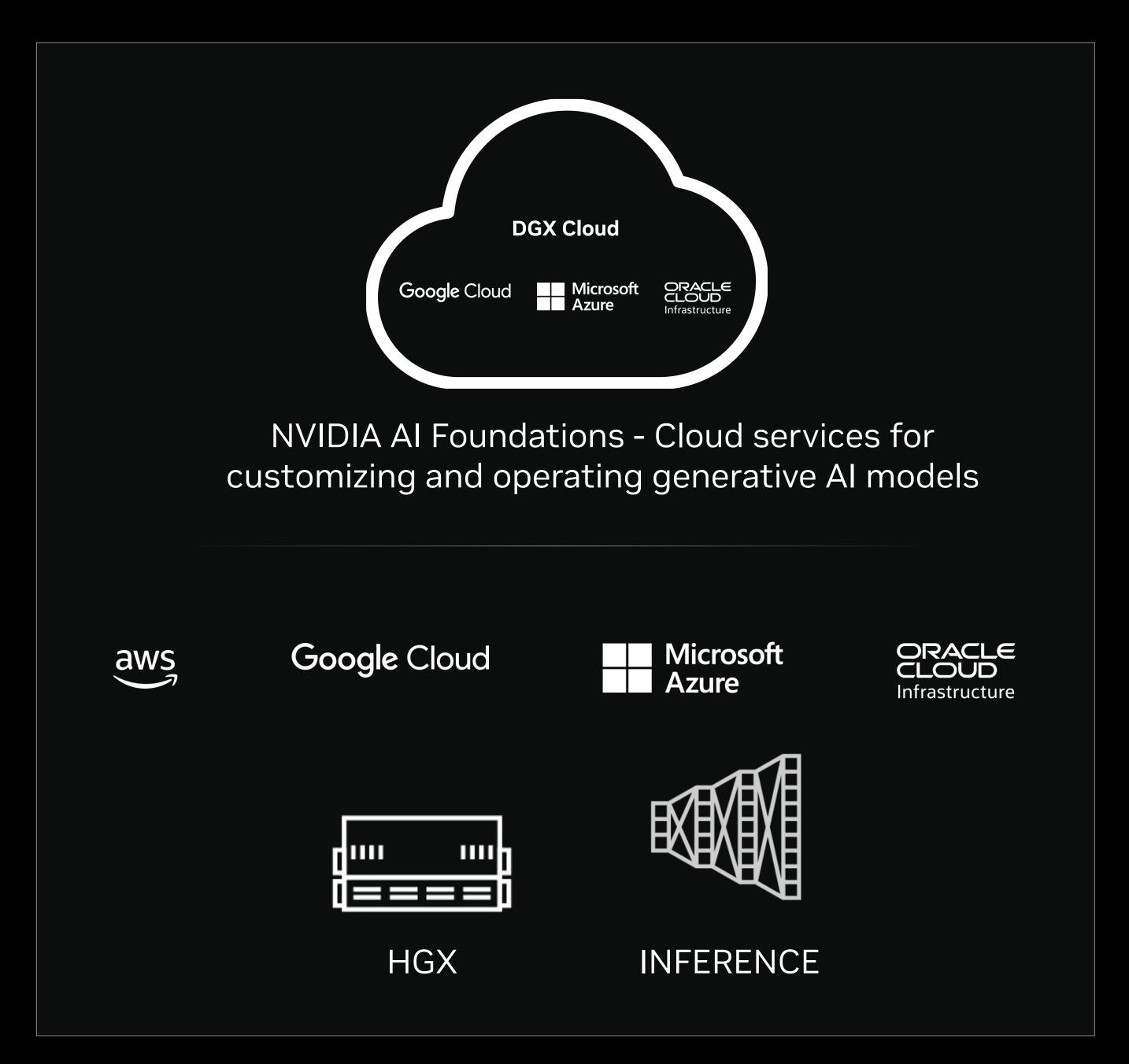


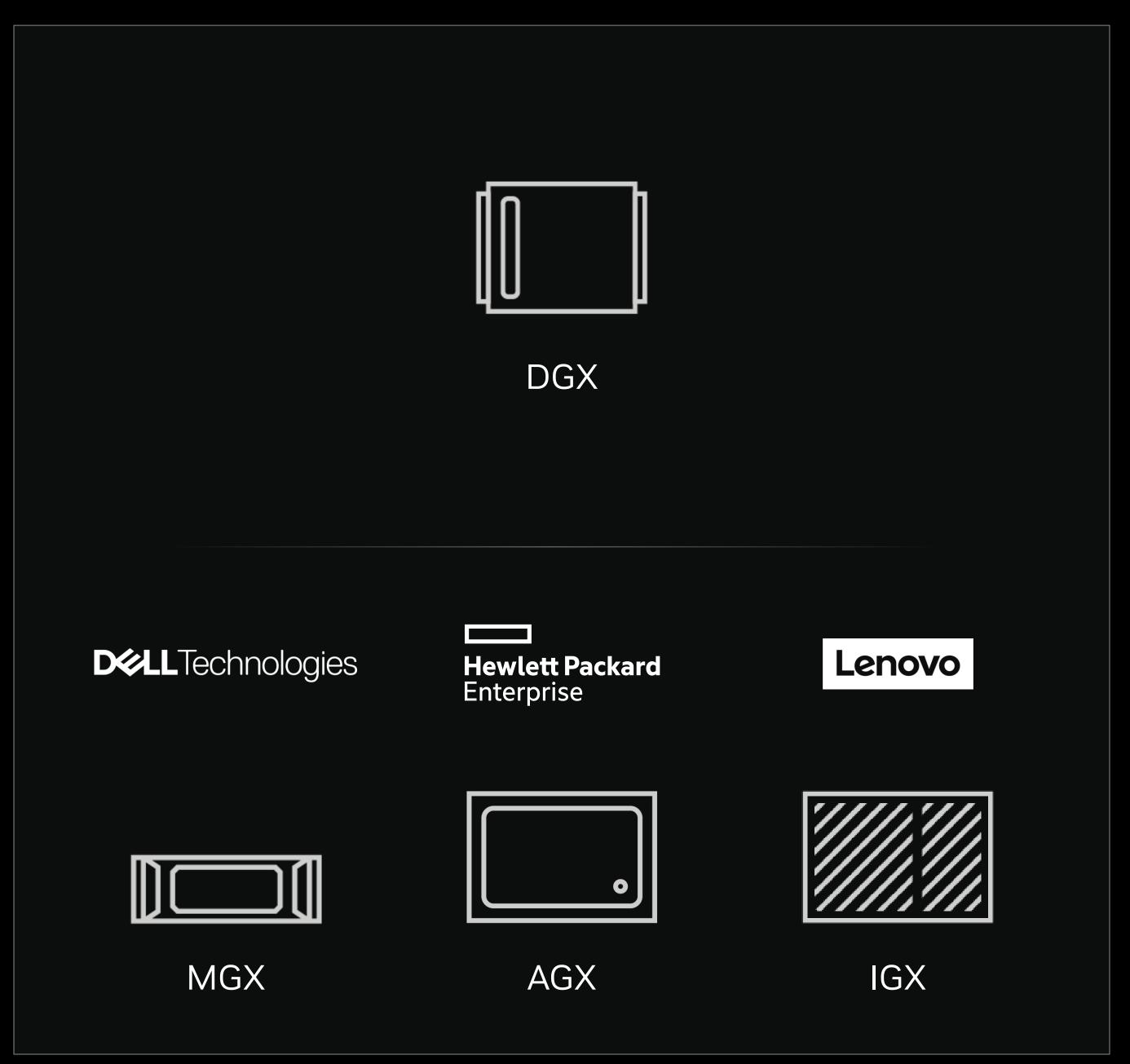
NVIDIA Go-to-Market Across Cloud and On-Premises

Reaching customers everywhere



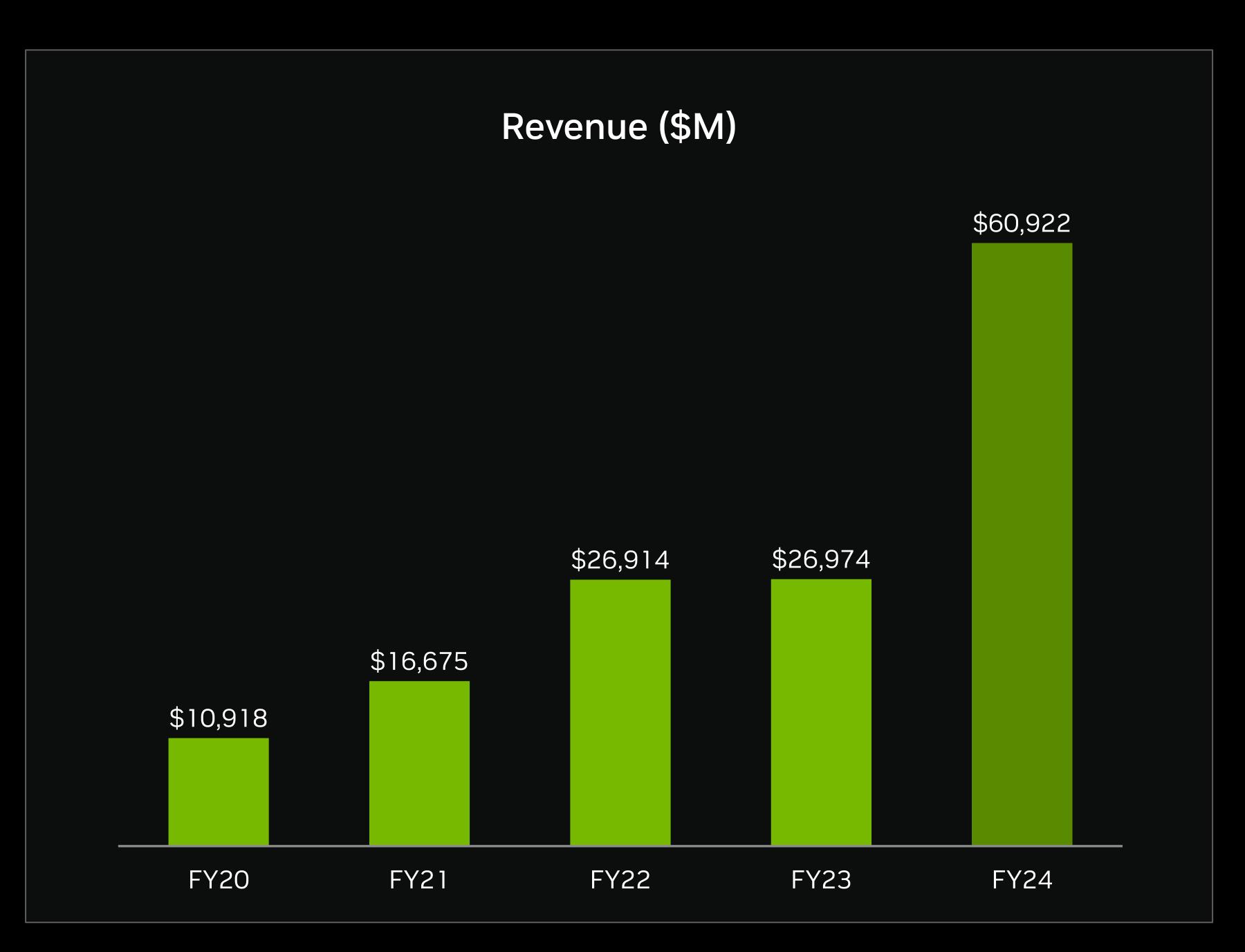
Partners

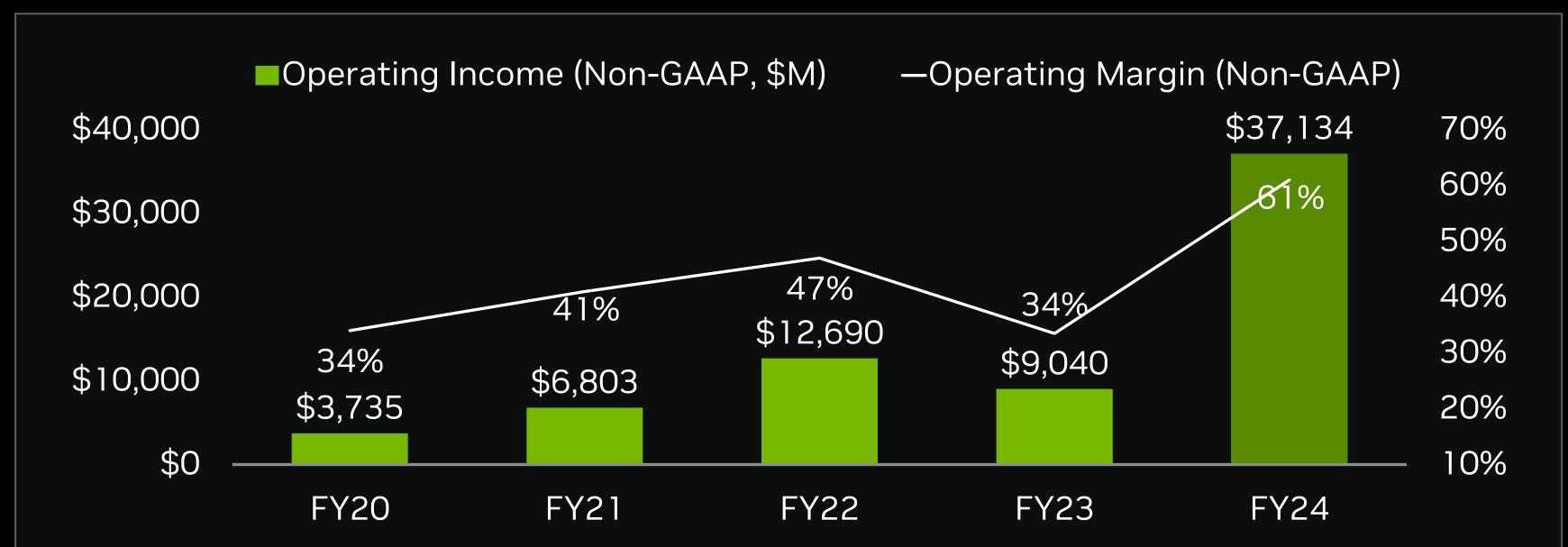




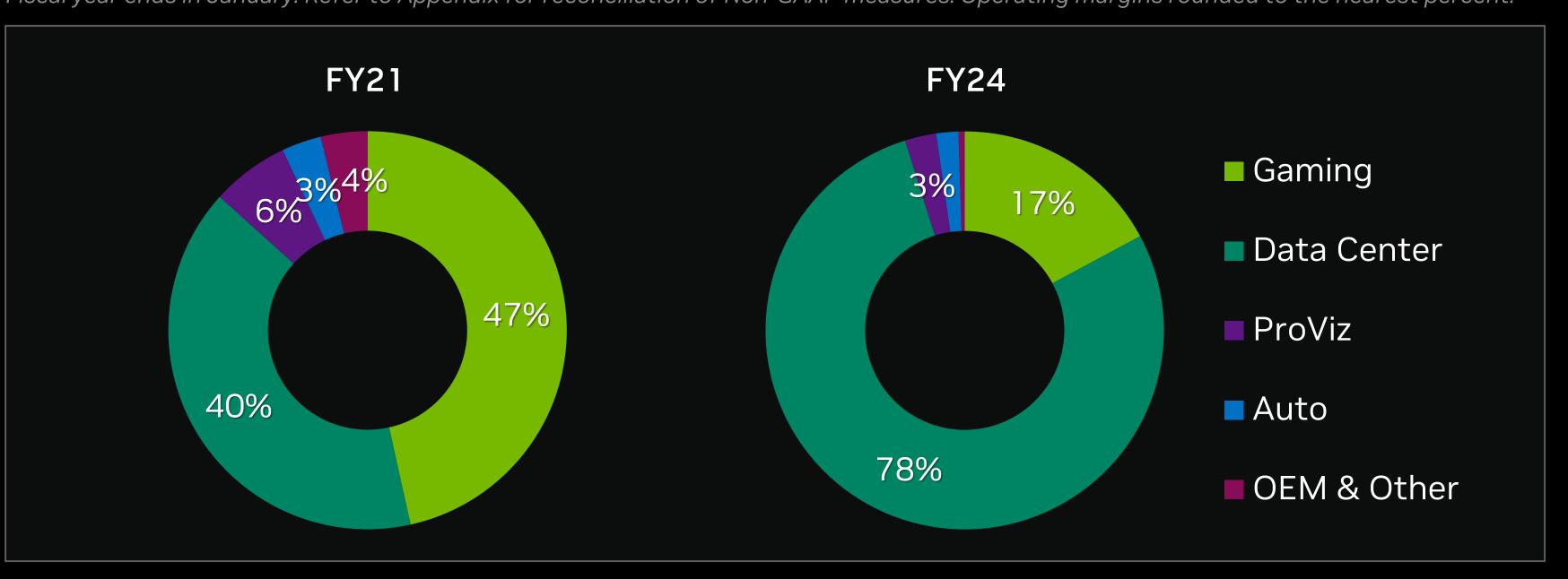
Cloud On-Prem

Driving Strong & Profitable Growth





Fiscal year ends in January. Refer to Appendix for reconciliation of Non-GAAP measures. Operating margins rounded to the nearest percent.





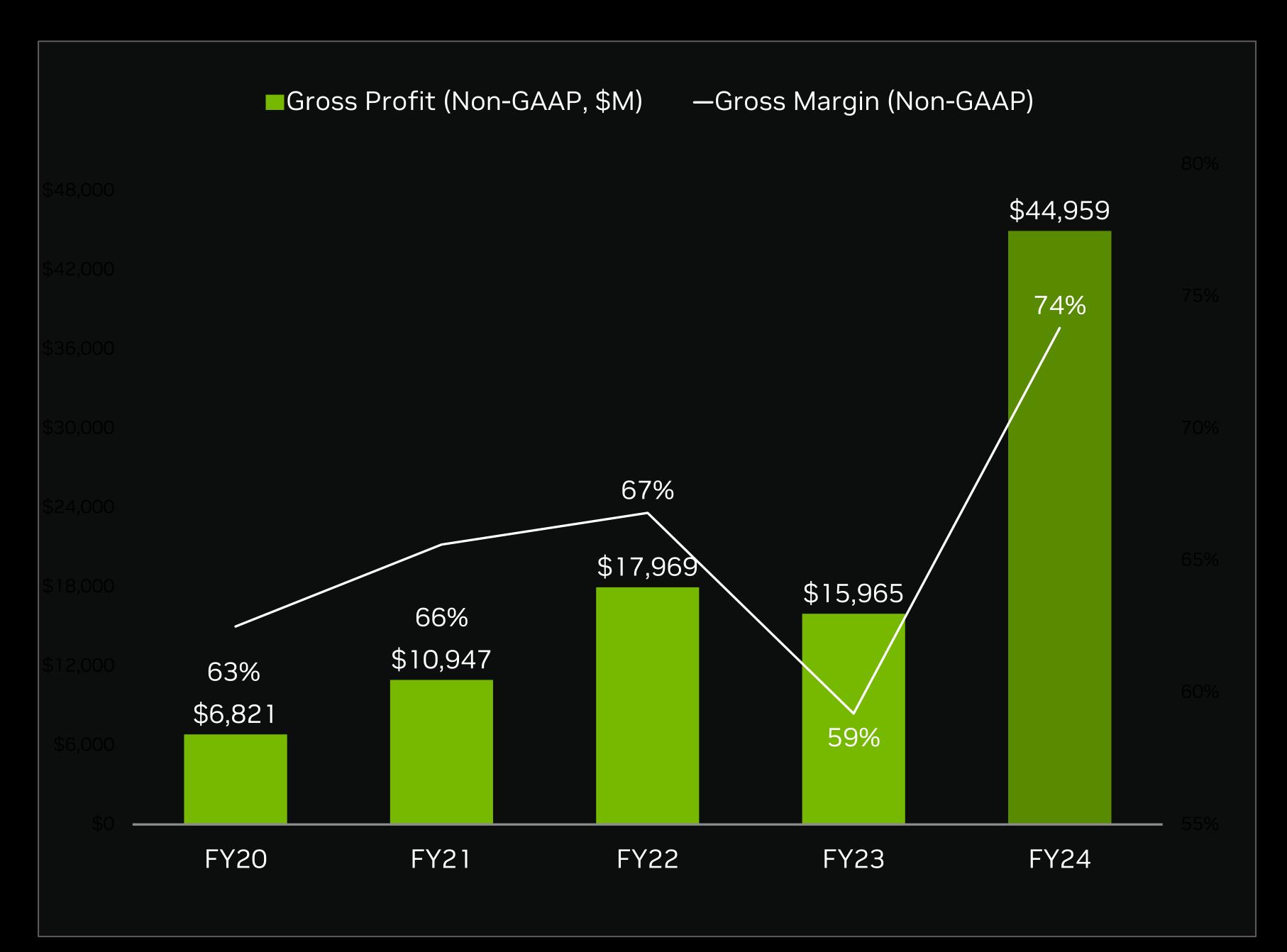
NVIDIA Gross Margins Reflect Value of Acceleration

Accelerated computing requires full-stack and data center-scale innovation across silicon, systems, algorithms and applications.

Significant expertise and effort are required, but application speed-ups can be incredible, resulting in dramatic cost and time-to-solution savings.

For example, 2 NVIDIA HGX nodes with 16 NVIDIA H100 GPUs that cost \$400K can replace 960 nodes of CPU servers that cost \$10M for the same LLM workload.

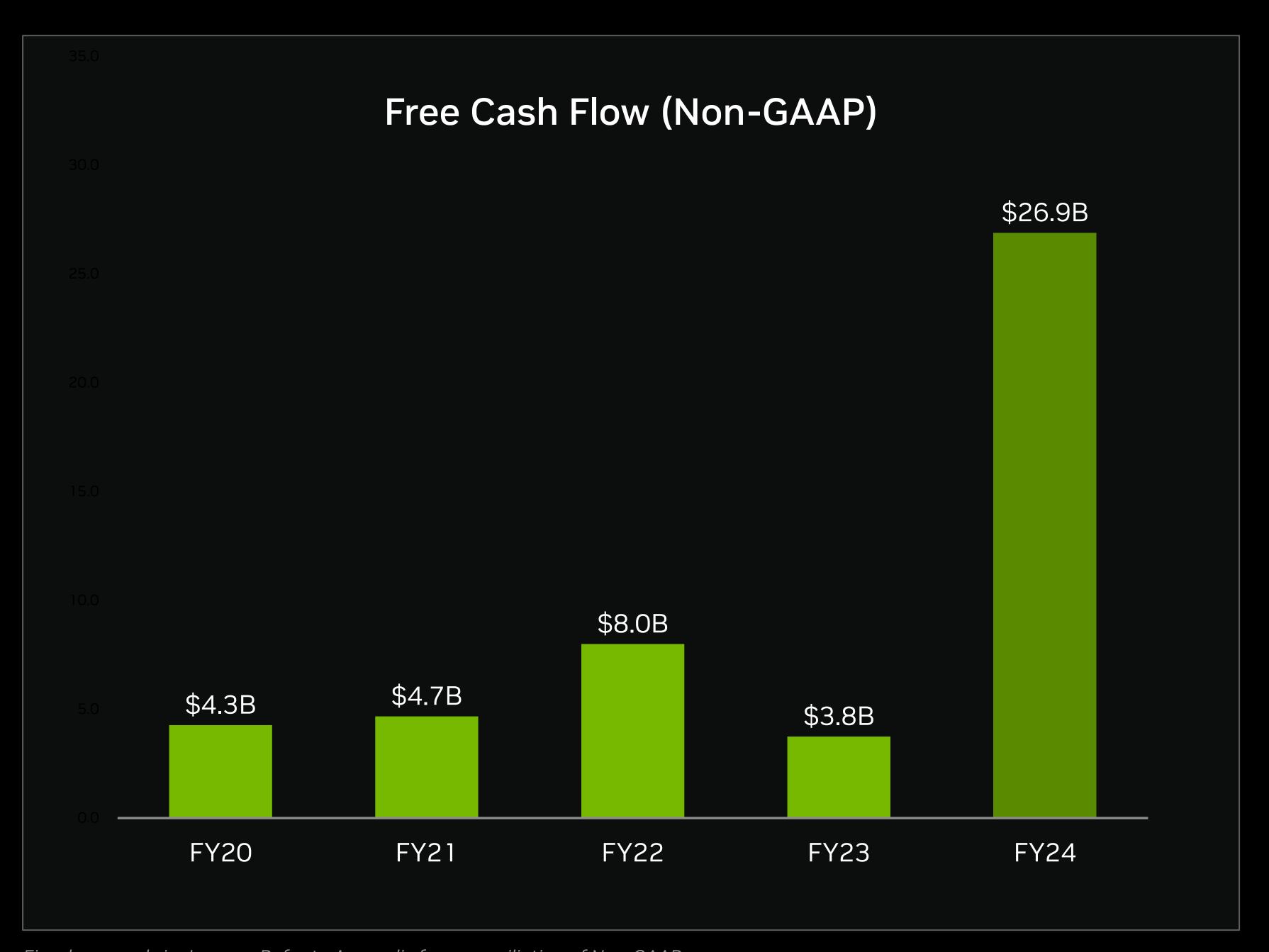
NVIDIA chips carry the value of the full-stack, not just the chip.



Fiscal year ends in January. Refer to Appendix for reconciliation of Non-GAAP measures. Gross margins are rounded to the nearest percent.

Cost comparison example based on latest available NVIDIA A 100 GPU and Intel CPU inference results in the commercially available category of the MLPerf industry benchmark; includes related infrastructure costs such as networking.

Strong Cash Flow Generation





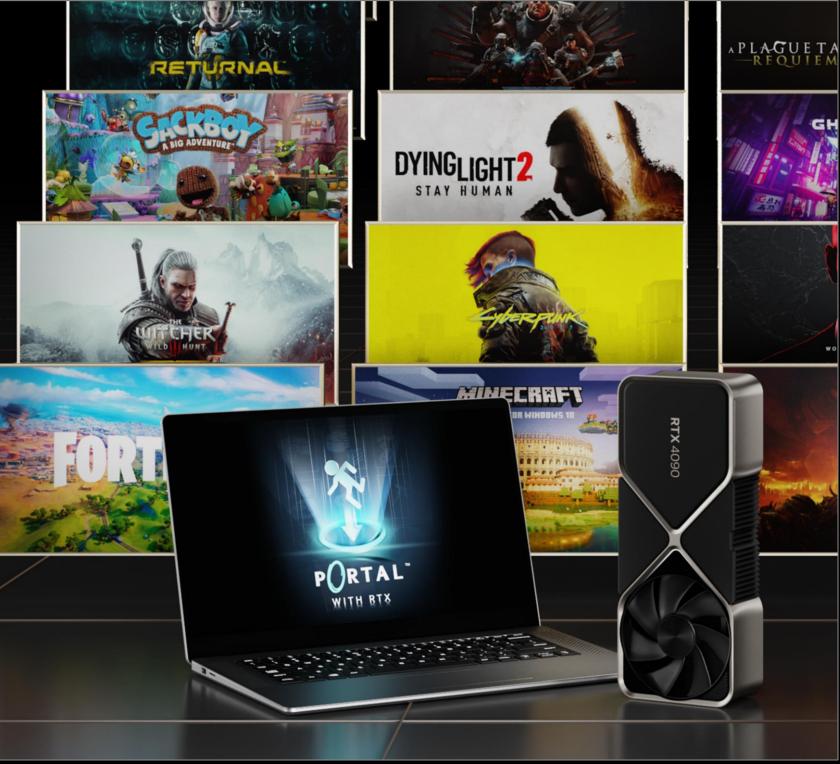
Fiscal year ends in January. Refer to Appendix for reconciliation of Non-GAAP measures.



¹ Subject to continuing determination by our Board of Directors.

Our Market Platforms at a Glance









Data Center

78% of FY24 Revenue

FY24 Revenue \$47.5B 5-YR CAGR 75%

DGX/HGX/MGX/IGX systems
GPU | CPU | DPU | Networking
NVIDIA AI software

Gaming

17% of FY24 Revenue

FY24 Revenue \$10.4B 5-YR CAGR 11%

GeForce GPUs for PC gaming
GeForce NOW cloud gaming

Professional Visualization

3% of FY24 Revenue

FY24 Revenue \$1.6B 5-YR CAGR 7%

NVIDIA RTX GPUs for workstations

Omniverse software

Automotive

2% of FY24 Revenue

FY24 Revenue \$1.1B 5-YR CAGR 11%

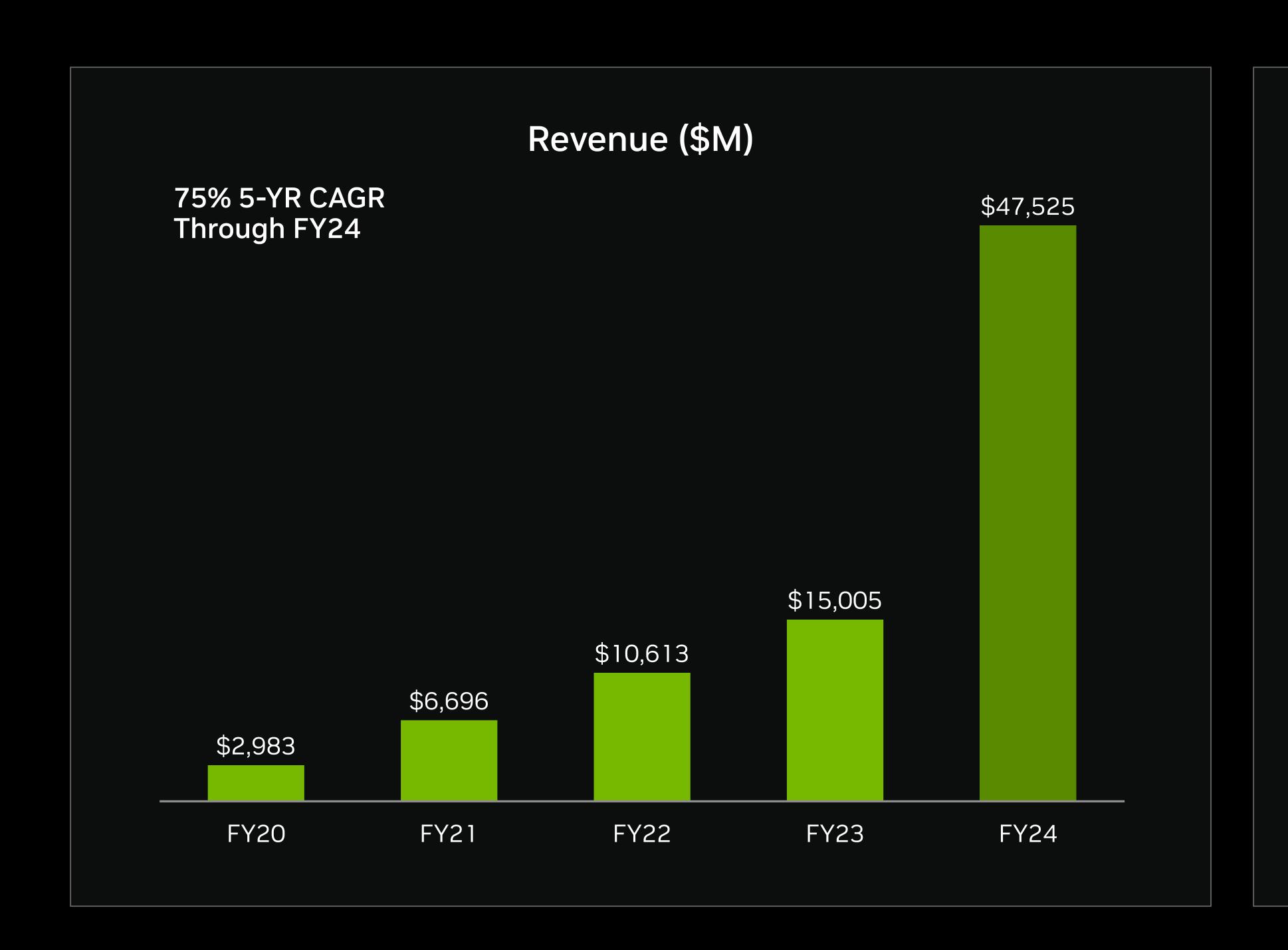
DRIVE Hyperion sensor architecture with AGX compute

DRIVE AV & IX full stack software for ADAS, AV & AI cockpit



Data Center

The leading accelerated computing platform



Leader in AI & HPC

#1 in Al training and inference

Used by all hyperscale and major cloud computing providers and over 40,000 companies

Powers over 75% of the TOP500 supercomputers

Growth Drivers

Broad data center platform transition from general-purpose to accelerated computing

Emergence of "Al factory" — optimized for refining data and training, inferencing, and generating Al

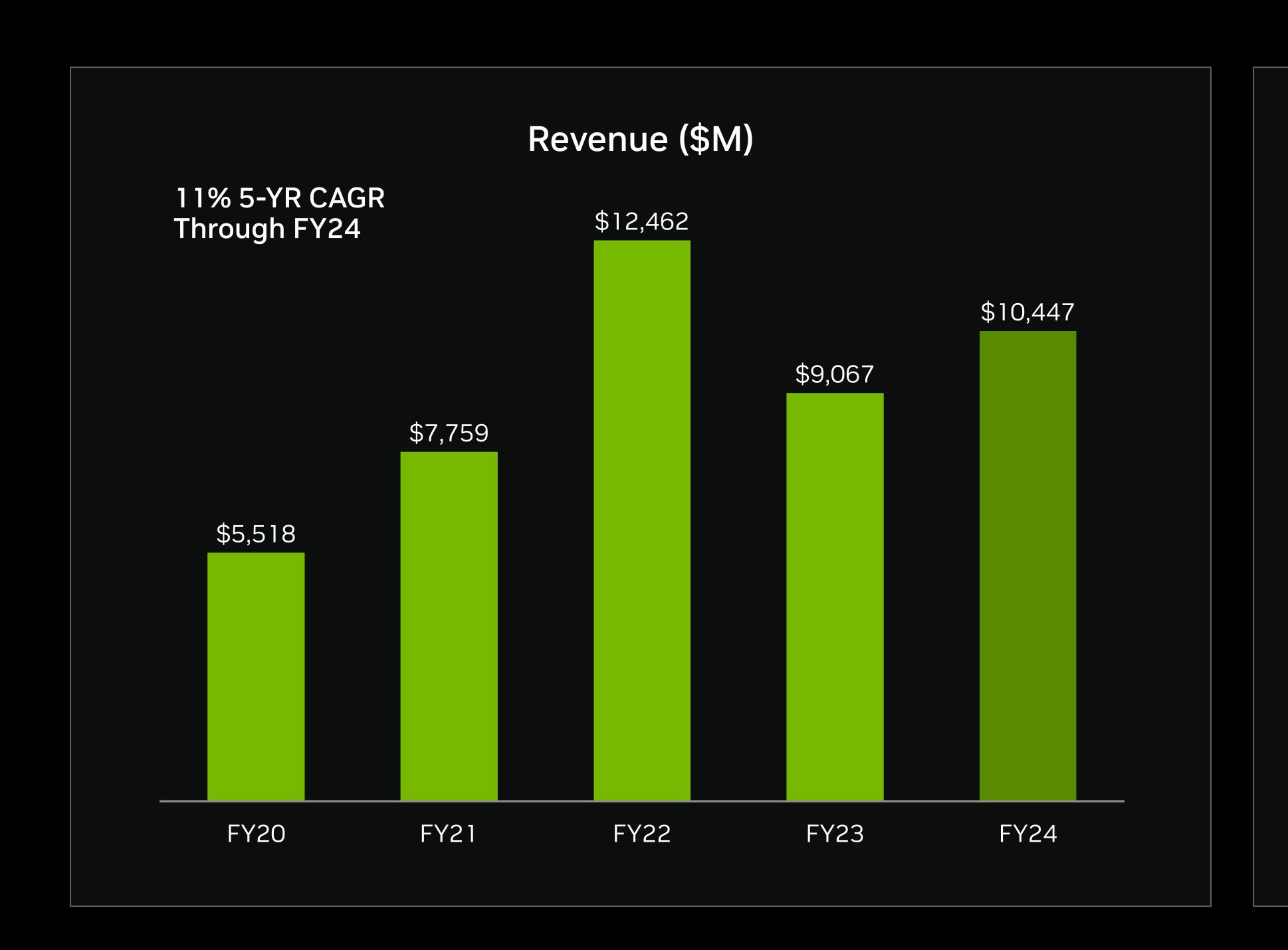
Broader and faster product launch cadence to meet a growing and diverse set of Al opportunities

DGX Cloud services and NVIDIA AI Enterprise software for building and running enterprise AI applications



Gaming

GeForce — the world's largest gaming platform



Leader in PC Gaming

Strong #1 market position

15 of the top 15 most popular GPUs on Steam

Leading performance & innovation

200M+ gamers on GeForce

Growth Drivers

Rising adoption of NVIDIA RTX in games

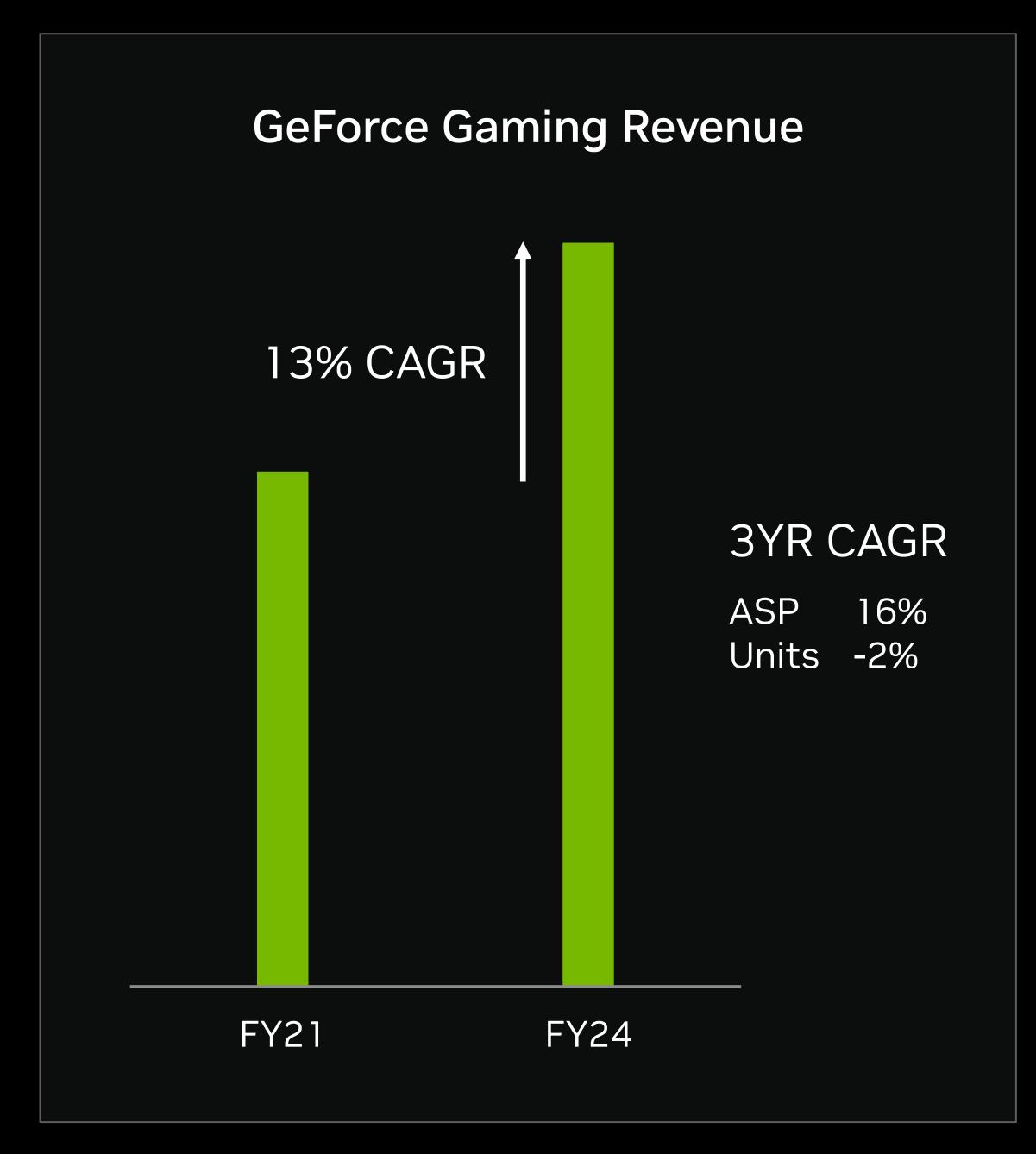
Expanding universe of gamers & creators

Gaming laptops & Gen AI on PCs

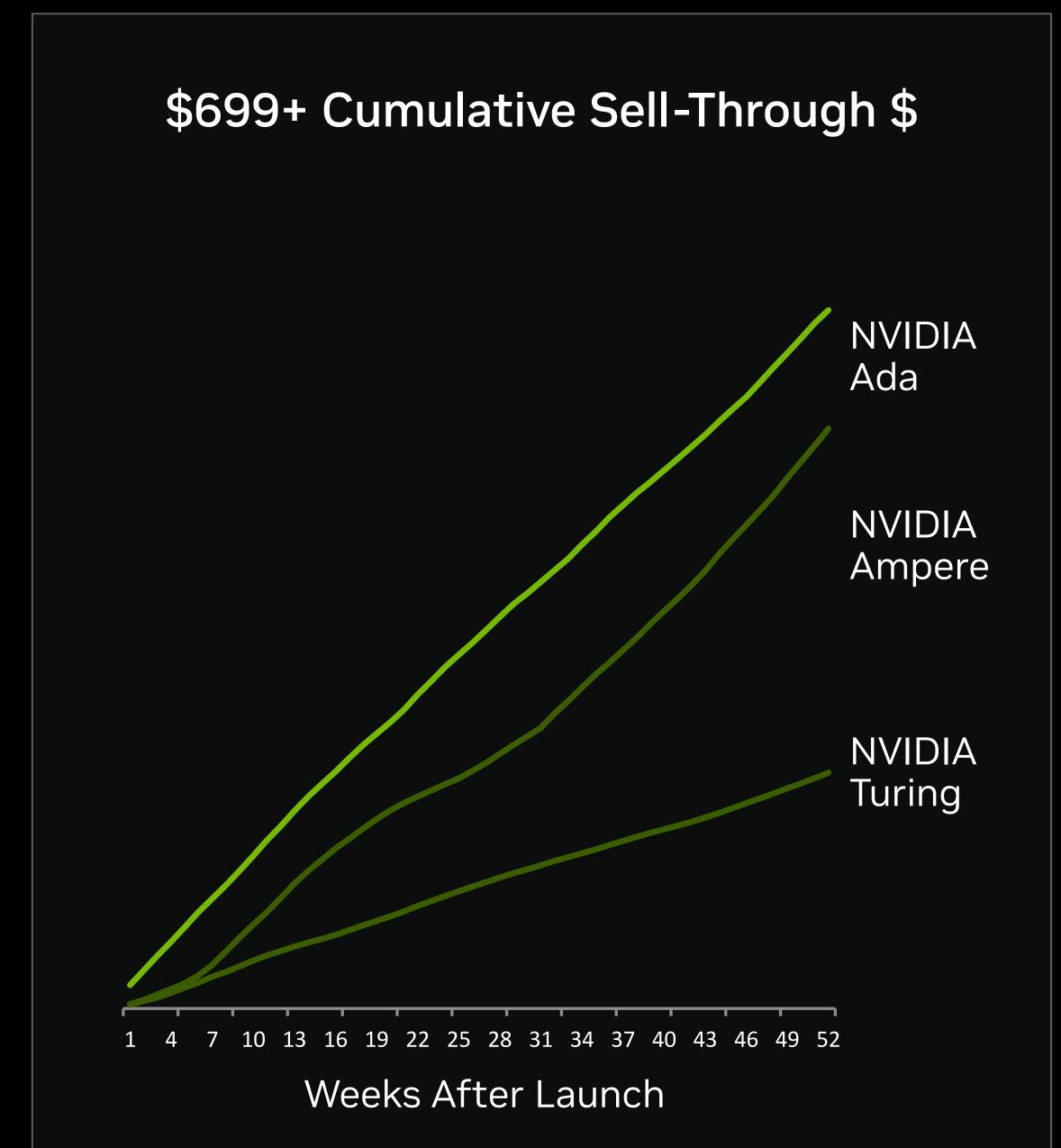
GeForce NOW Cloud gaming



GeForce Extends Growth, Large Upgrade Opportunity



Installed Base 53% RTX RTX 3060+ 25% RTX3060+ Performance



More Gamers, Richer Mix

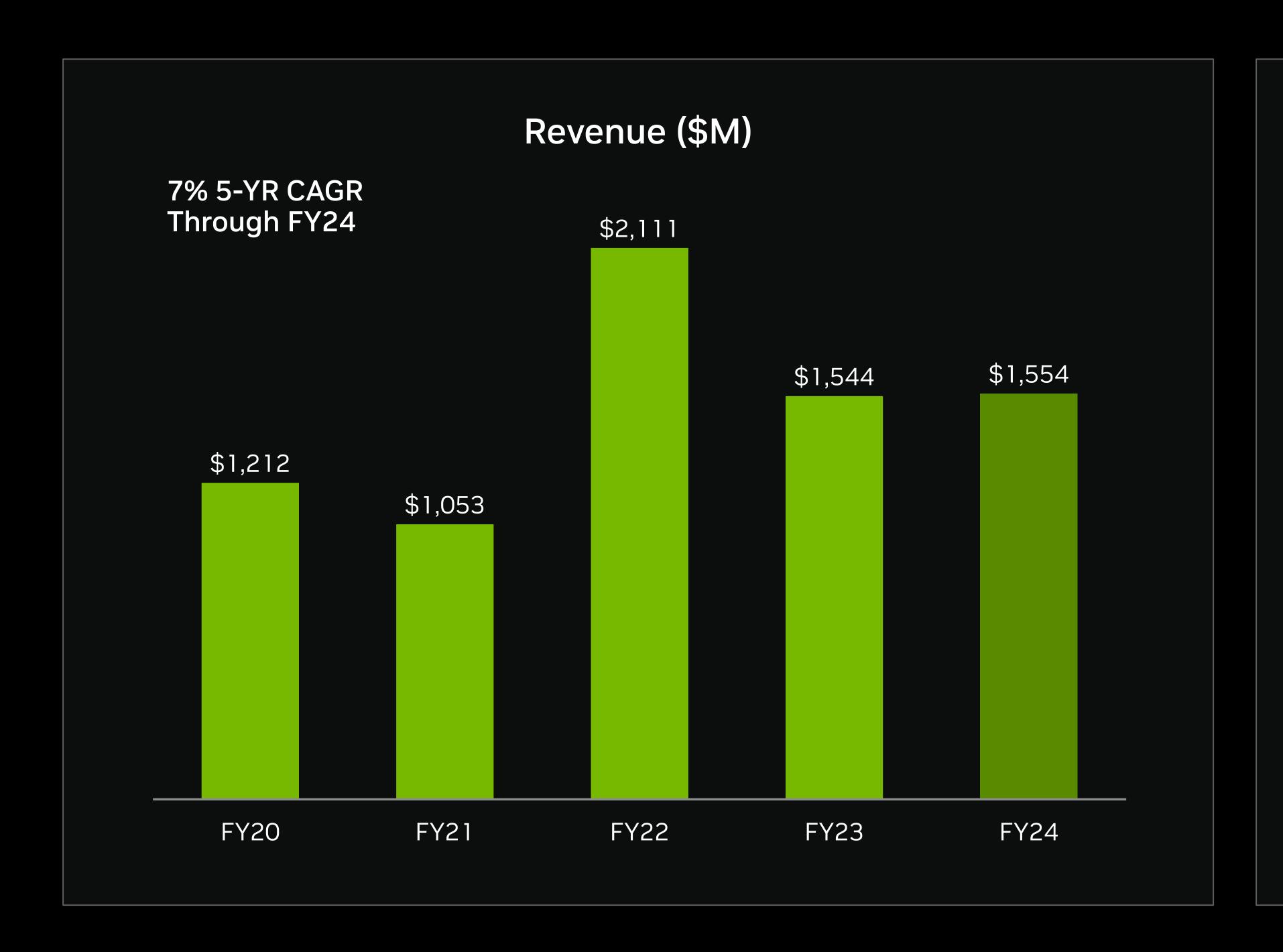
Installed Base Needs Upgrade

Ada: 3X Turing Ramp at \$699+



Professional Visualization

Workstation graphics



Leader in Workstation Graphics

95%+ market share in graphics for workstations

45M Designers and Creators

Strong software ecosystem with over 100 RTX accelerated and supported applications

Growth Drivers

Gen AI adoption across design and creative industries

Enterprise AI development, model fine tuning, cross-industry
Ray tracing revolutionizing design and content creation

Expanding universe of designers and creators

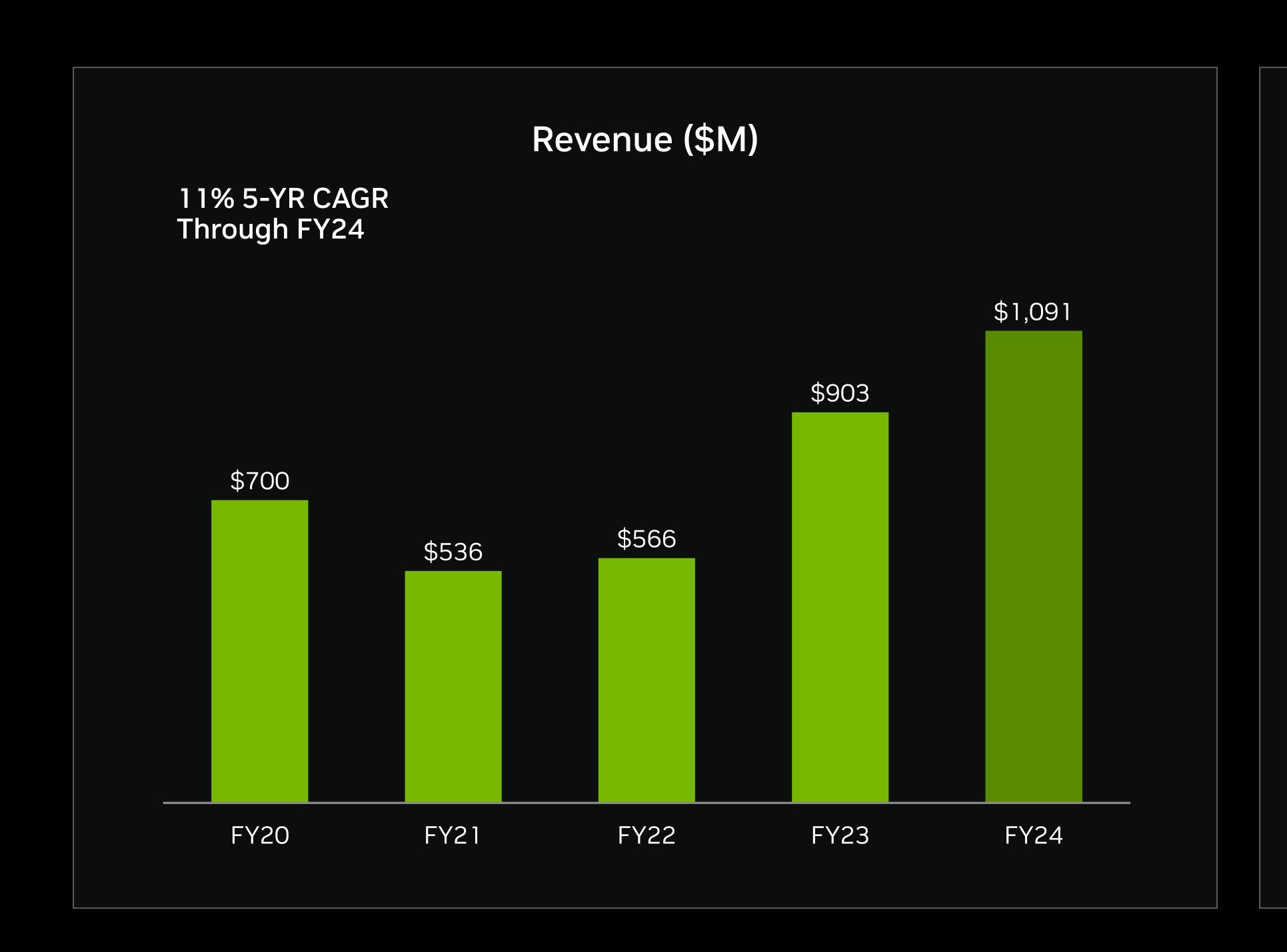
Omniverse for digital twins and collaborative 3D design

Hybrid work environments



Automotive

Autonomous Vehicle and Al Cockpit



Leader in Autonomous Driving

NVIDIA DRIVE is our end-to-end Autonomous Vehicle (AV) and AI Cockpit platform featuring a full software stack and is powered by NVIDIA (systems-on-a-chip) SoCs in the vehicle

DRIVE Orin SoC ramp began in FY23

Next-generation DRIVE Thor SoC ramp to begin in FY26

Over 40 customers including 20 of top 30 EV makers, 7 of top 10 truck makers, 8 of top 10 robotaxi makers

Growth Drivers

Adoption of centralized car computing and software-defined vehicle architectures

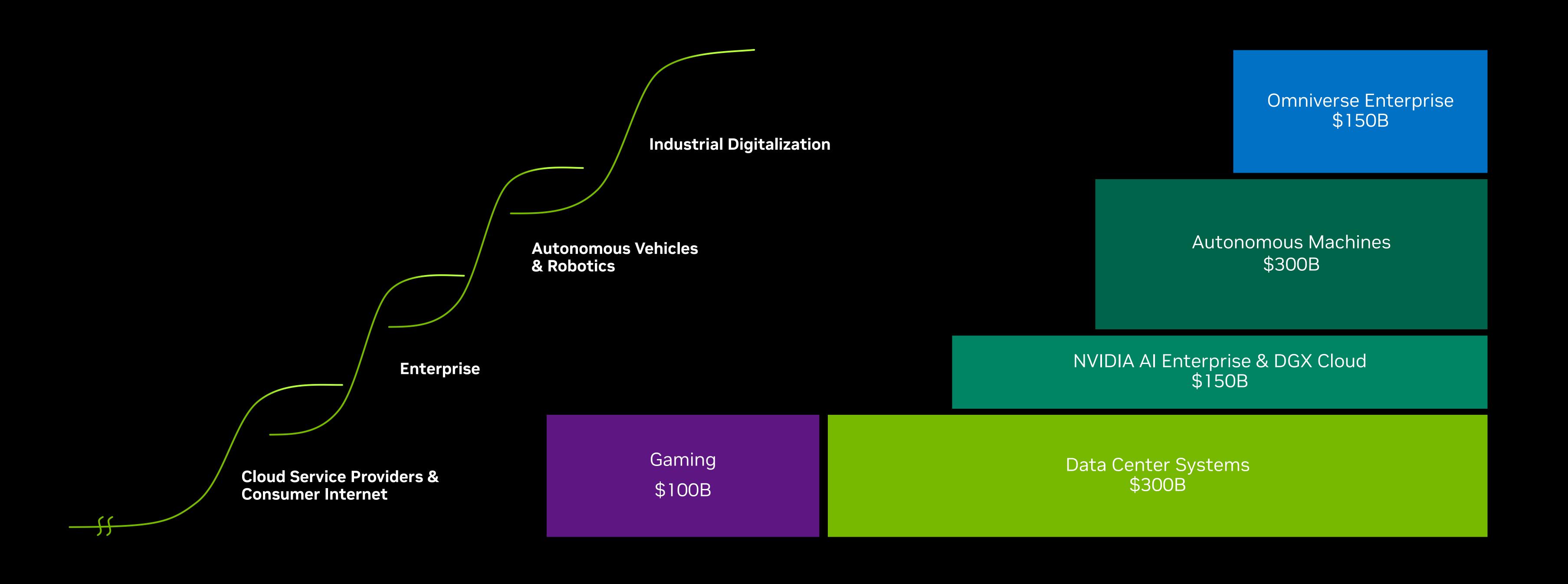
AV software and services:

Mercedes-Benz

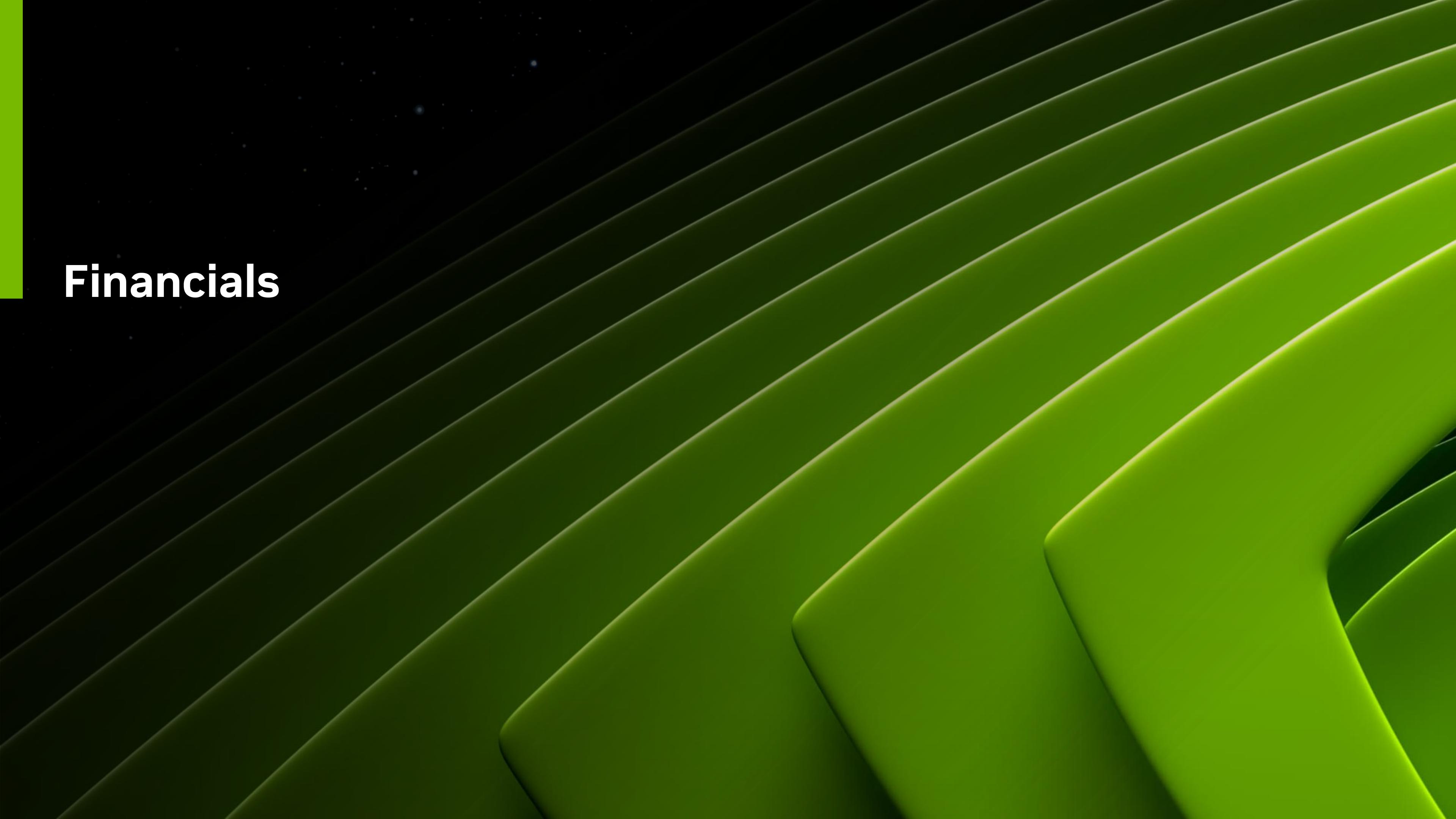
Jaguar Land Rover



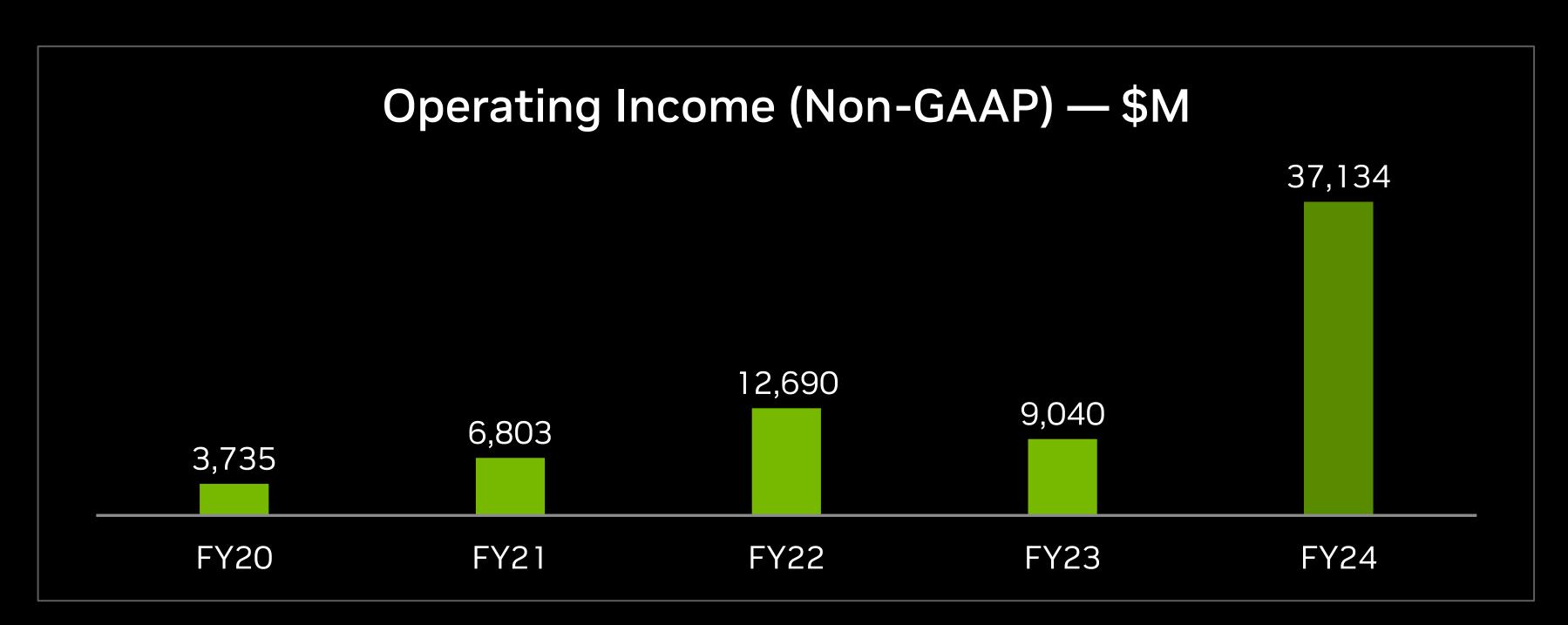
\$1 Trillion Long-Term Available Market Opportunity

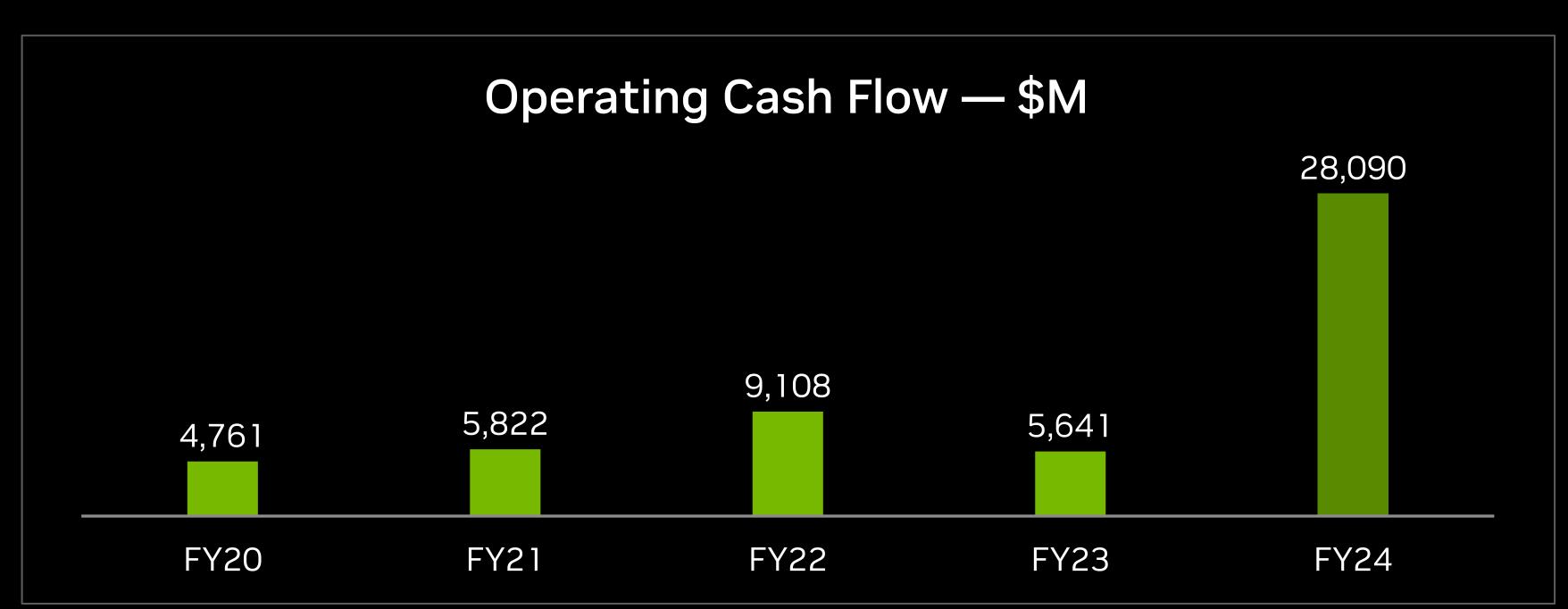


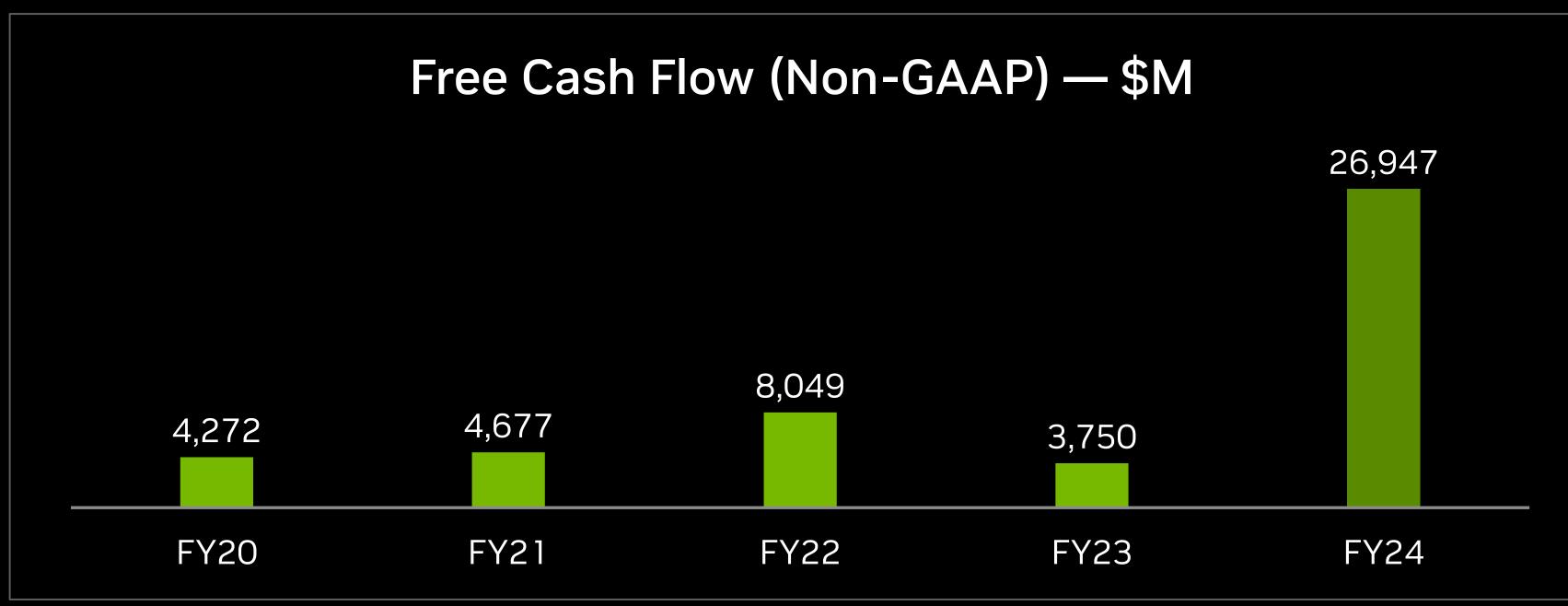


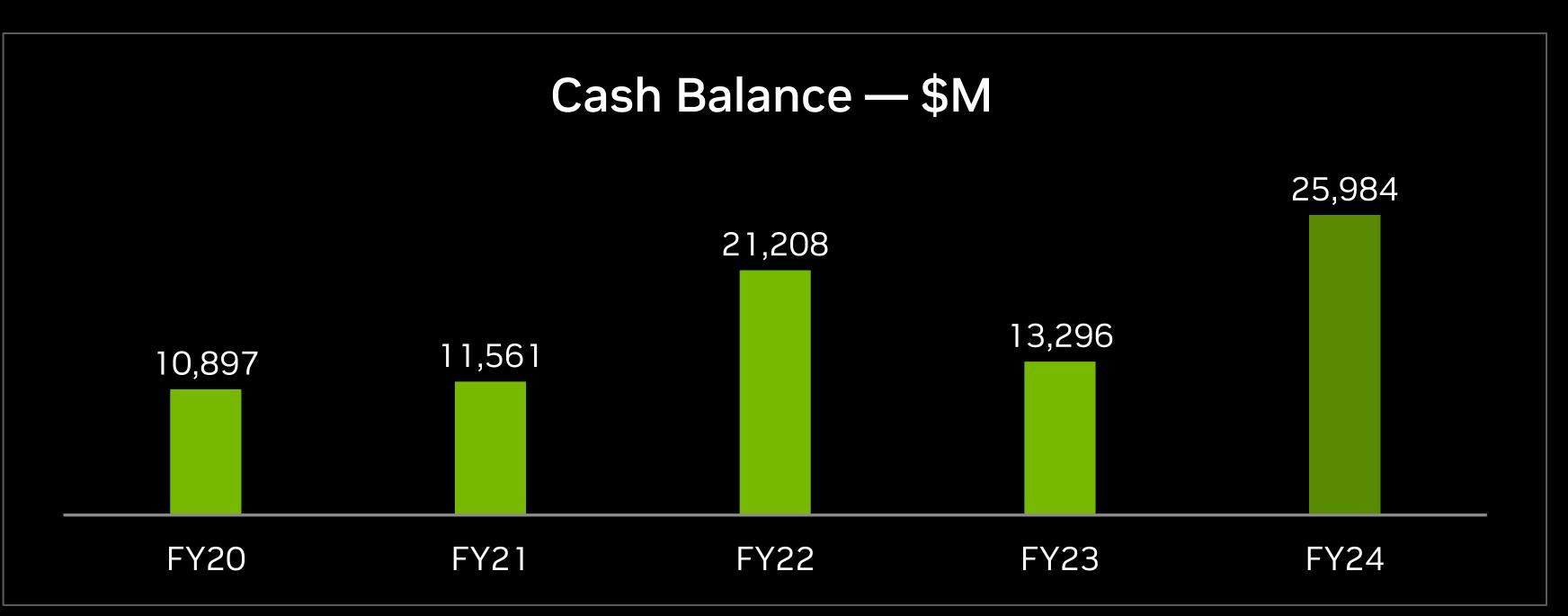


Annual Cash & Cash Flow Metrics









Cash balance is defined as cash and cash equivalents plus marketable securities Refer to Appendix for reconciliation of non-GAAP measures



Corporate Sustainability

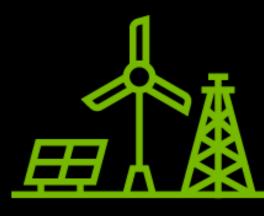
Environmentally Conscious



By FY26, we will engage manufacturing suppliers comprising at least 67% of NVIDIA's scope 3 category 1 GHG emissions with goal of effecting supplier adoption of science-based targets



NVIDIA GPUs are as much as 20X more energy efficient for certain AI and HPC workloads than traditional CPUs



We will achieve & maintain 100% renewable electricity for our operations and data centers by FY25

A Place For People To Do Their Life's Work



"100 Best Companies to Work For"
FORTUNE

"America's Most Just Companies"

CNBC

"Most Responsible Companies" NEWSWEEK

"Best Places to Work for LGBT Equality"
HUMAN RIGHTS CAMPAIGN

Management

Time Magazine's 100 Most Influential Companies

Fast Company's Best Workplaces for Innovators

Fortune's World's Most Admired Companies

Wall Street Journal's Management Top 250 All-Stars

Corporate Governance

43% of Board is Gender, Racially, or Ethnically Diverse

93% of Directors are independent



Reconciliation of Non-GAAP to GAAP Financial Measures

Reconciliation of Non-GAAP to GAAP Financial Measures

Gross Margin (\$ in Millions & Margin Percentage)	Non-GAAP	Acquisition-Related and Other Costs (A)	Stock-Based Compensation (B)	IP-Related Costs	GAAP
FY 2020	\$6,821		(39)	(14)	\$6,768
	62.5%		(O.4)	(O.1)	62.0%
FY 2021	\$10,947	(425)	(88)	(38)	\$10,396
	65.6%	(2.6)	(0.5)	(0.2)	62.3%
FY 2022	\$17,969	(344)	(141)	(9)	\$17,475
	66.8%	(1.4)	(0.5)		64.9%
FY 2023	\$15,965	(455)	(138)	(16)	\$15,356
	59.2%	(1.7)	(0.5)	(O.1)	56.9%
FY 2024	\$44,959	(477)	(141)	(40)	\$44,301
	73.8%	(8.0)	(0.2)	(O.1)	72.7%



Reconciliation of Non-GAAP to GAAP Financial Measures (contd.)

Operating Income and Margin (\$ in Millions & Margin Percentage)	Non-GAAP	Acquisition Termination Cost	Acquisition-Related and Other Costs (A)	Stock-Based Compensation (B)	IP-Related Costs	Other (C)	GAAP
FY 2020	\$3,735		(31)	(844)	(14)		\$2,846
	34.2%		(0.3)	(7.7)	(O.1)		26.1%
FY 2021	\$6,803		(836)	(1,397)	(38)		\$4,532
	40.8%		(5.0)	(8.4)	(0.2)		27.2%
FY 2022	\$12,690		(636)	(2,004)	(9)		\$10,041
	47.2%		(2.5)	(7.4)			37.3%
FY 2023	\$9,040	(1,353)	(674)	(2,710)	(16)	(63)	\$4,224
	33.5%	(5.0)	(2.5)	(10.0)	(O.1)	(0.2)	15.7%
FY 2024	\$37,134		(583)	(3,549)	(40)	10	\$32,972
	61.0%		(1.0)	(5.8)	(O.1)		54.1%



A. Consists of amortization of acquisition-related intangible assets, inventory step-up, transaction costs, compensation charges, and other costs
B. Stock-based compensation charge was allocated to cost of goods sold, research and development expense, and sales, general and administrative expense
C. Comprises of legal settlement cost, contributions, restructuring costs and assets held for sale related adjustments

Reconciliation of Non-GAAP to GAAP Financial Measures (contd.)

(\$ in Millions)	Free Cash Flow	Purchases Related to Property and Equipment and Intangible Assets	Principal Payments on Property and Equipment and Intangible Assets	Net Cash Provided by Operating Activities
FY 2020	\$4,272	489		\$4,761
FY 2021	\$4,677	1,128	17	\$5,822
FY 2022	\$8,049	976	83	\$9,108
FY 2023	\$3,750	1,833	58	\$5,641
FY 2024	\$26,947	1,069	74	\$28,090



