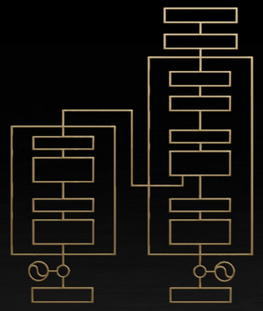

NVIDIA

Accelerated Computing
is the Path Forward

AI is Software that
Writes Software



Data Center is the
New Unit of Computing

AI-on-5G Kickstarts the
4th Industrial Revolution

Autonomous Systems in
Real and Virtual Worlds

NEW NVIDIA TECHNOLOGIES

Omniverse Isaac	Megatron Drug Discovery Quantum Computing	Jarvis Merlin Maxine Morpheus NVIDIA AI	DRIVE
RTX	DGX Grace BlueField DOCA	EGX 5G	Hyperion Atlan Orin

NVIDIA IS A COMPUTING PLATFORM

1B
CUDA GPUs

250
ExaFLOPS
in the Cloud

2,000
GPU Apps

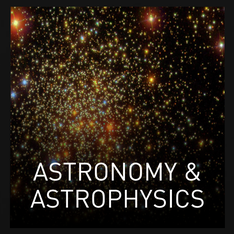
24M
CUDA
Downloads

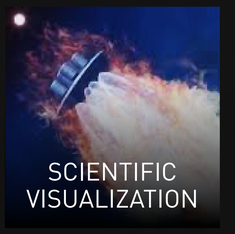
150
SDKs

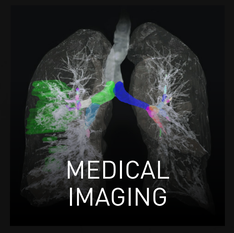
7,500
AI Startups

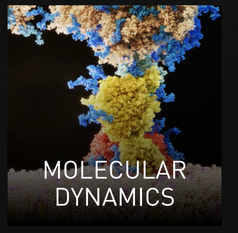
2.5M
Developers

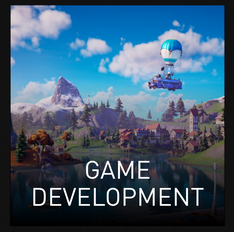
AN INSTRUMENT OF SCIENCE

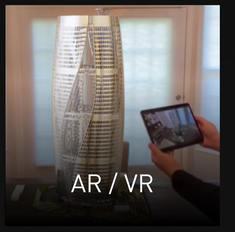








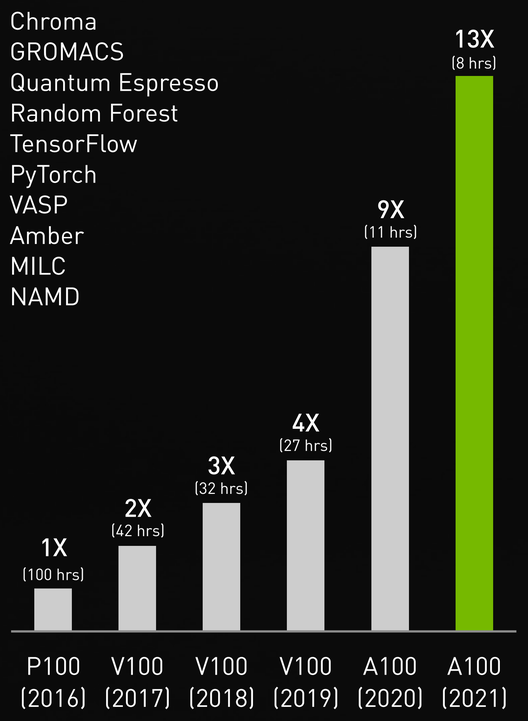




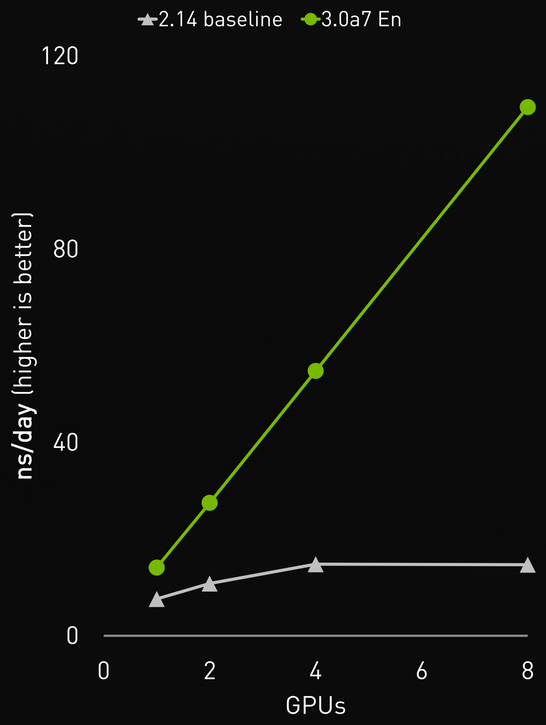
Leeza SOHO, Beijing
By ZAHA HADID ARCHITECTS

GIVING SCIENTISTS A TIME MACHINE

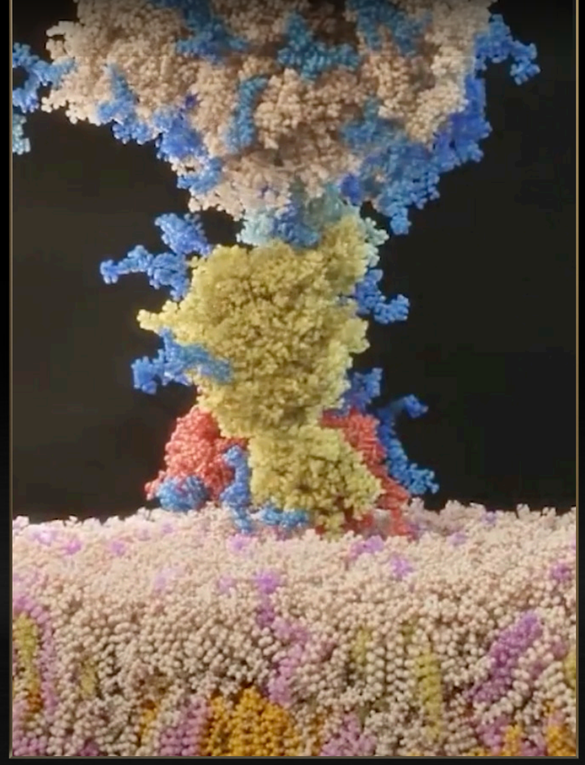
FULL-STACK OPTIMIZATION
13x in 5 years



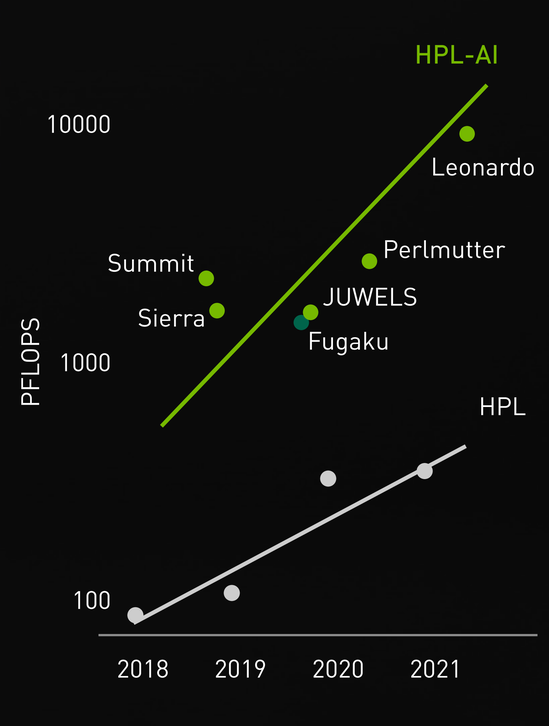
MULTI-GPU MULTI-NODE SCALE
NAMD Version 3.0



LARGEST AI + MD SIMULATION
305 Million Atoms



EXASCALE HPC AI
HPL-AI and HPL Performance



FOR THE DA VINCIS OF OUR TIME

SCIENTISTS AT GTC

Yoshua Bengio
University of Montreal
Quebec AI Institute

Yann LeCun
Facebook
New York University

Geoffrey Hinton
University of Toronto
Google
Vector Institute

Daphne Koller
Insitro
Coursera
Stanford

Jürgen Schmidhuber
Dalle Molle Institute for
AI Research

Raquel Urtasun
University of Toronto

Alvy Ray Smith
Pixar
Altamira

Abhay Parasnis
Adobe

Kim Libreri
Epic Games

Rommie Amaro
University of
California, San Diego

Soumith Chintala
Facebook

Rose Yu
University of
California, San Diego

TALKS AT GTC

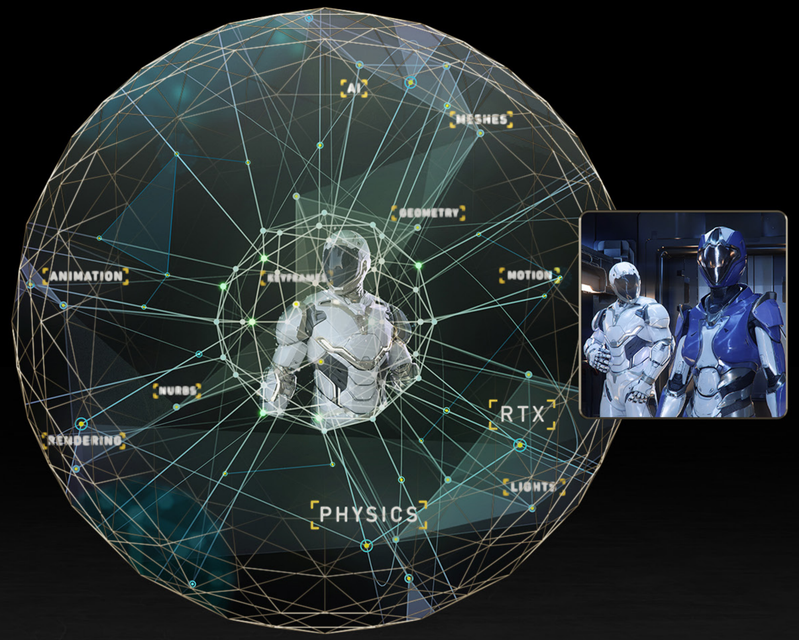
AI	5G	IOT & EDGE
QUANTUM COMPUTING	SPEECH NLU RECOMMENDERS	SELF-DRIVING CARS
CYBERSECURITY	DIGITAL TWINS	ROBOTICS

LEADERS AT GTC

Adobe · Alibaba Cloud · arm · Audi · aws
Baidu 百度 · Baker Hughes · Bayer · BMW · Epic Games · Ericsson
Facebook · Ford · Google · Industrial Light & Magic · Kroger
Microsoft · NASA · NTT · Oracle Cloud Infrastructure · PayPal
Pinterest · Pfizer · Pixar · Red Hat · Siemens Healthineers · Snapchat
Spotify · Tencent Cloud · Tesco · TSMC · Twitter
Verizon · vmware · Volkswagen · Walmart · Wells Fargo

Black Myth: Wukong by Game Science

NVIDIA OMNIVERSE

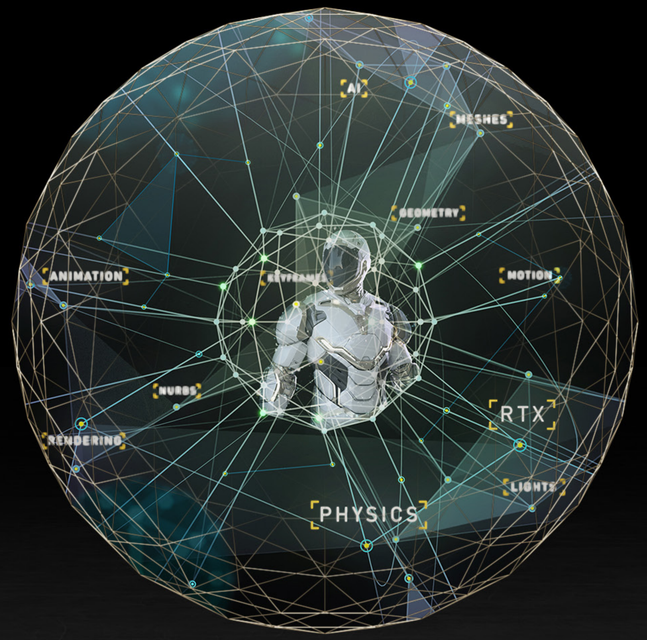


AI Path-Tracing USD Materials Physics

NVIDIA OMNIVERSE

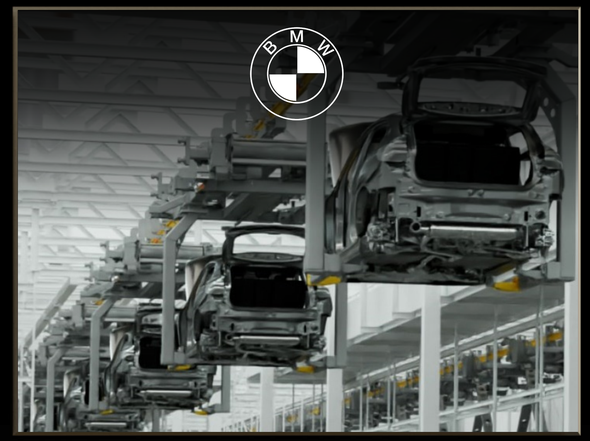
AI Path-Tracing USD Materials Physics

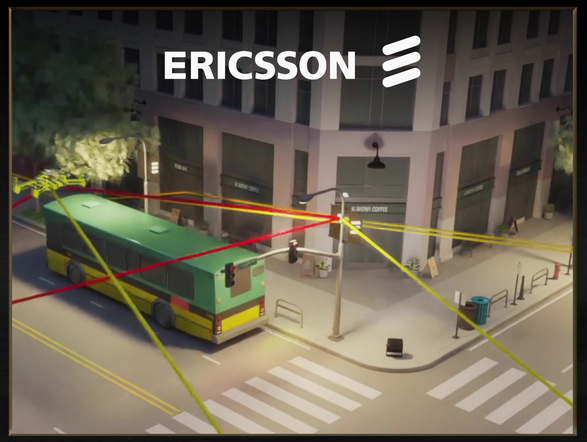
NVIDIA OMNIVERSE

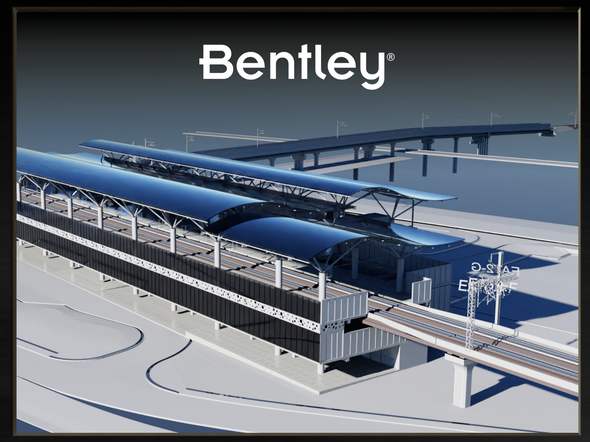


AI Path-Tracing USD Materials Physics

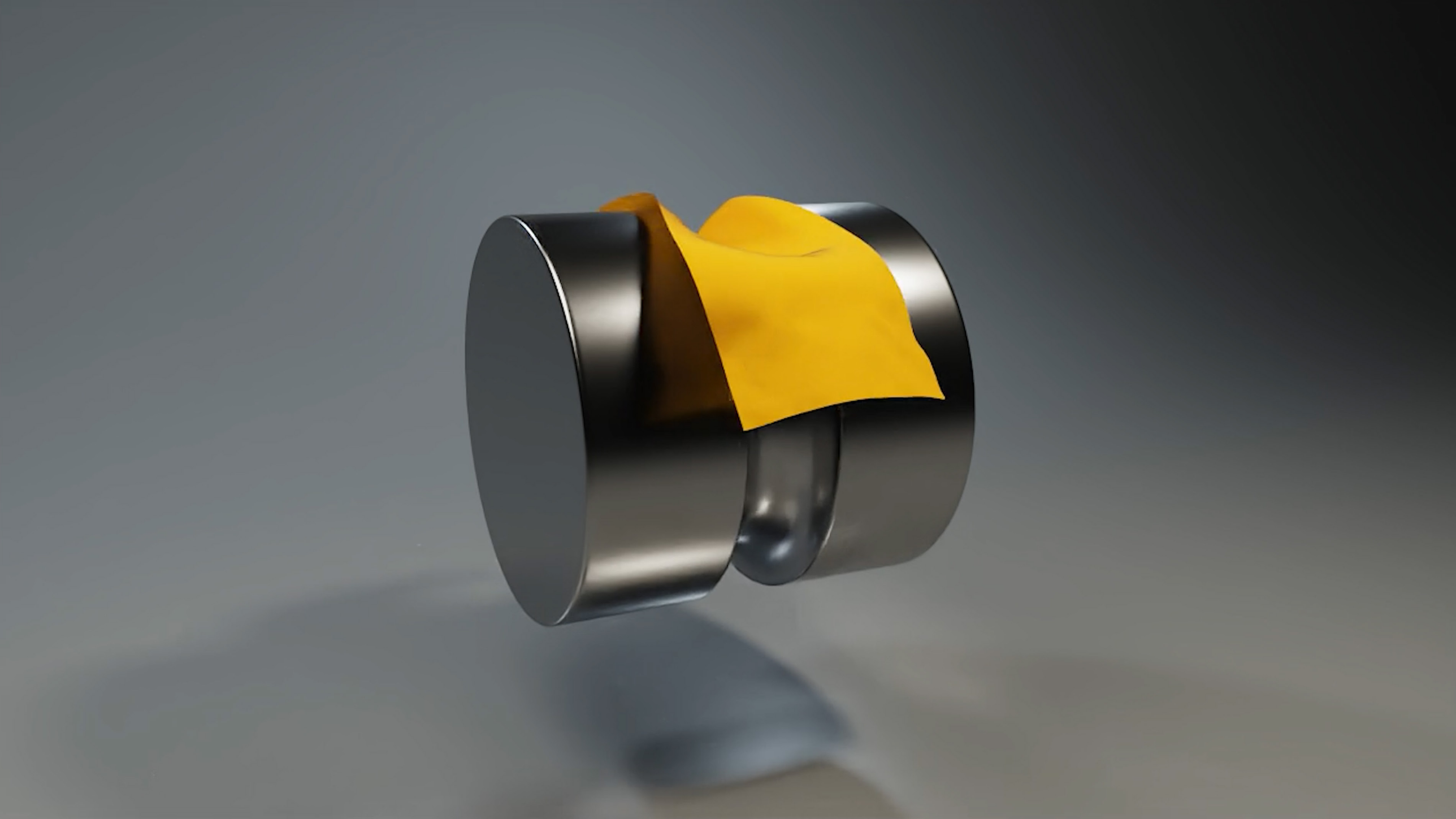
COLLABORATING AND SIMULATING IN OMNIVERSE







10M DESIGNERS | 20M CREATORS | 1M SCIENTISTS | 2M DEVELOPERS | 40M ENGINEERS



NVIDIA ISAAC DIGITAL TWIN IN OMNIVERSE


PathTracing: 872/0

CONNECTING AND CREATING WITH OMNIVERSE

SOFTWARE

Adobe
AUTODESK
Bentley Advancing Infrastructure
blender
CLO Virtual Fashion
esri THE SCIENCE OF WHERE
FOUNDRY
golaem human ex machina
GRAPHISOFT
ipolog
MathWorks
NETALLIED SYSTEMS
onshape
ParaView
PIXAR Animation Studios
Pixologic makers of ZBrush
REALLUSION
Rhinoceros design, model, present, analyze, realize...
SideFX
SOLIDWORKS
Trimble
UNREAL ENGINE
wrnch

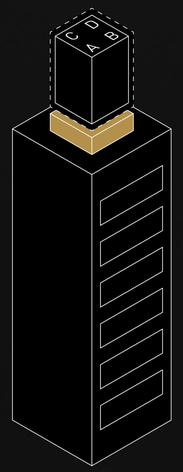
SYSTEMS

ASUS
BOXX
CISCO
DELL Technologies
hp
Lenovo
PNY
SUPERMICRO

PIONEERS

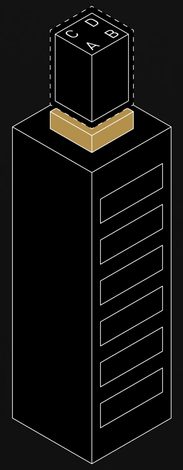
BMW GROUP
ERICSSON
Foster + Partners
FRAMESTORE
IBI
Gensler
INDUSTRIAL LIGHT & MAGIC
KITESTRING
KPF
Lightcraft TECHNOLOGY
TANGENT
TURBOSQUID
W-B WOODS BAGOT
WPP
VOLVO

DATA CENTER IS THE NEW UNIT OF COMPUTING

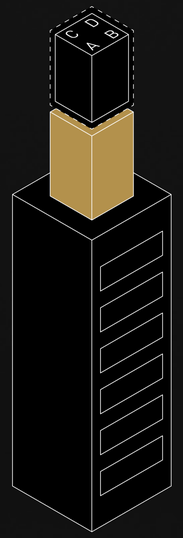


Monolithic

DATA CENTER IS THE NEW UNIT OF COMPUTING

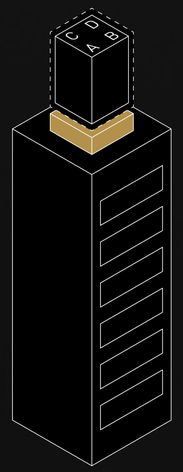


Monolithic

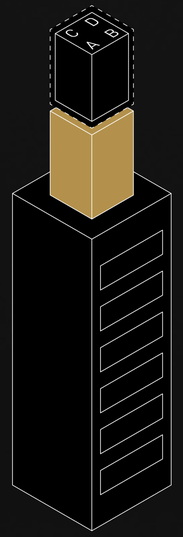


Software-Defined
Data Center

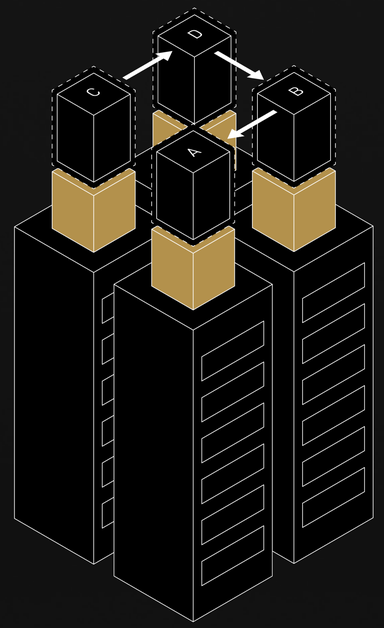
DATA CENTER IS THE NEW UNIT OF COMPUTING



Monolithic

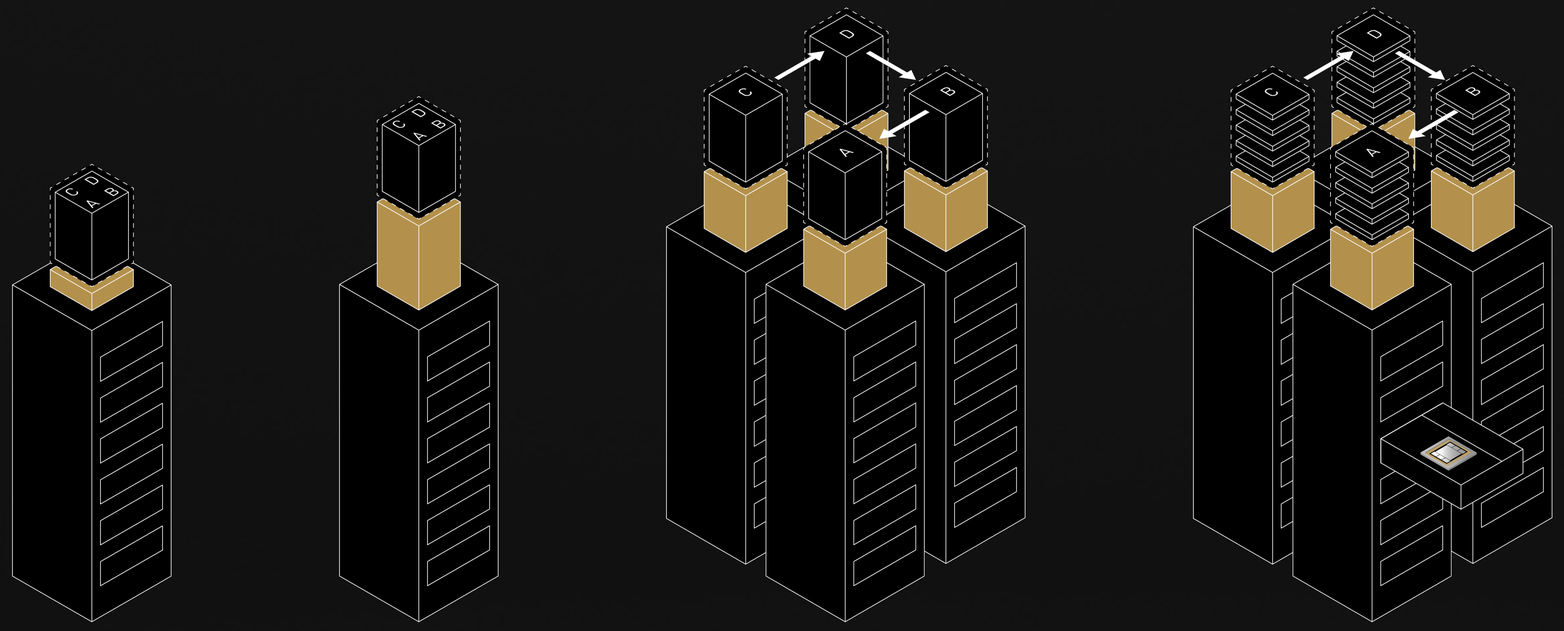


Software-Defined
Data Center



Disaggregated,
Micro-Services, Scaled Out

DATA CENTER IS THE NEW UNIT OF COMPUTING



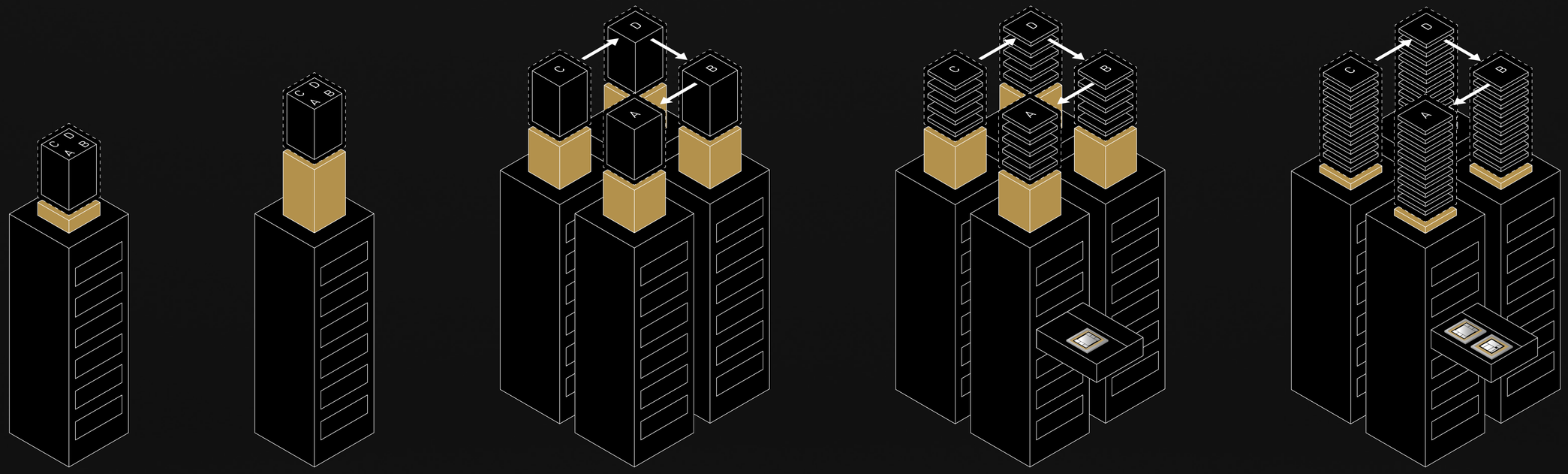
Monolithic

Software-Defined
Data Center

Disaggregated,
Micro-Services, Scaled Out

GPU-Accelerated
Computing

DATA CENTER IS THE NEW UNIT OF COMPUTING



Monolithic

Software-Defined
Data Center

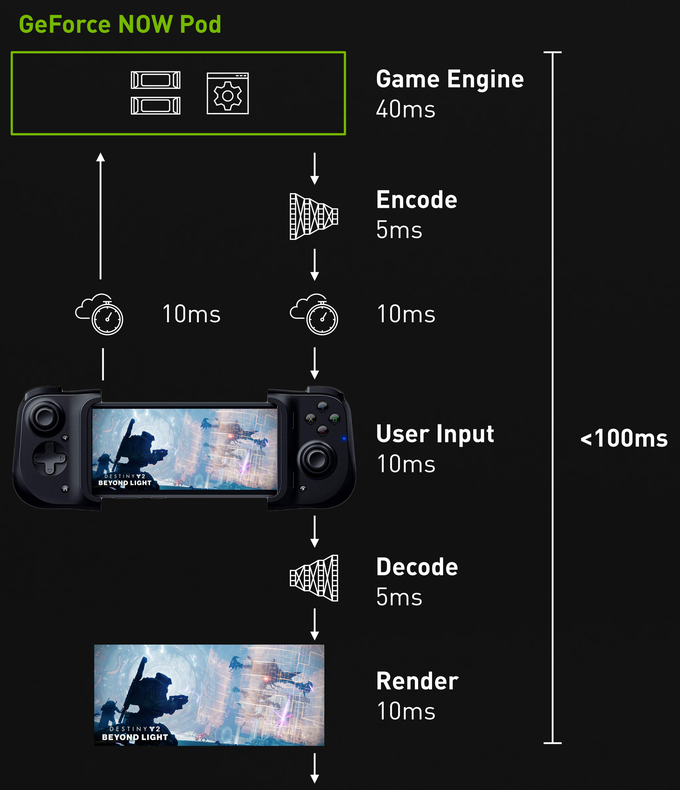
Disaggregated,
Micro-Services, Scaled Out

GPU-Accelerated
Computing

DPU-Accelerated
Data Center Infrastructure

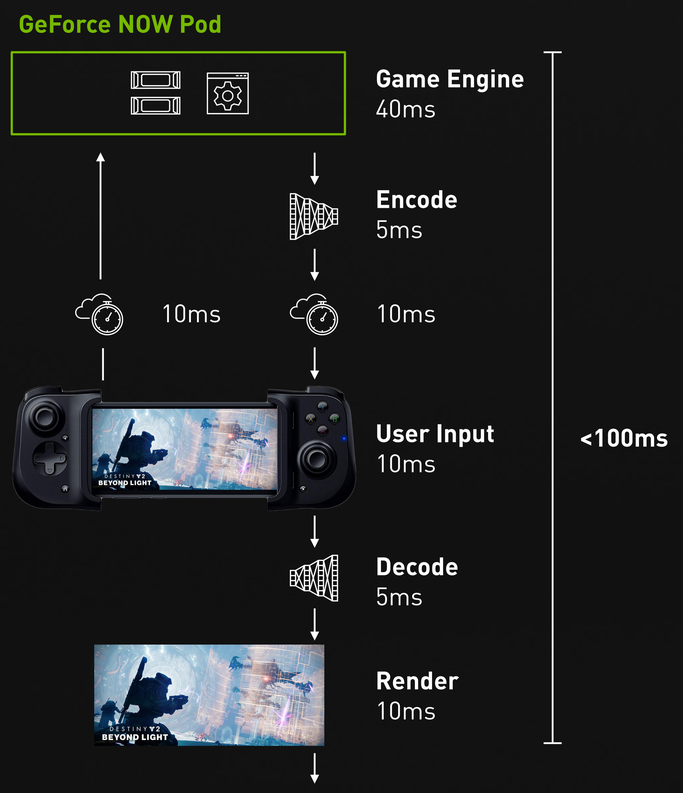
BLUEFIELD SECURES AND ACCELERATES GEFORCE NOW CLOUD GAMING

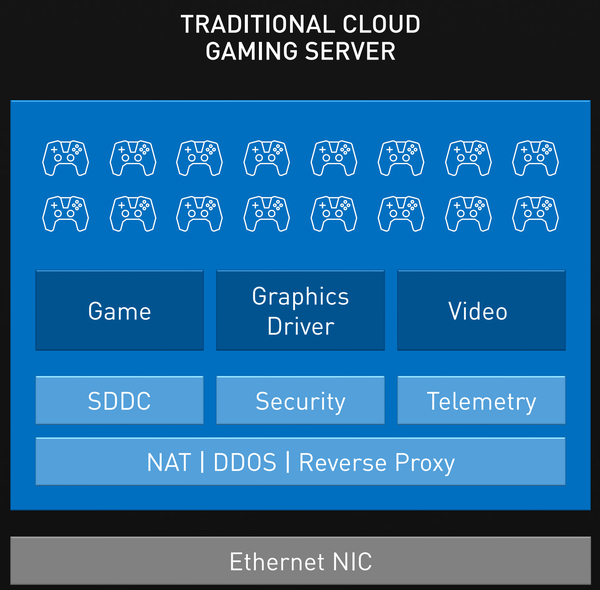
Isolate and Secure Infrastructure | High Quality-of-Service | More Concurrent Users



BLUEFIELD SECURES AND ACCELERATES GEFORCE NOW CLOUD GAMING

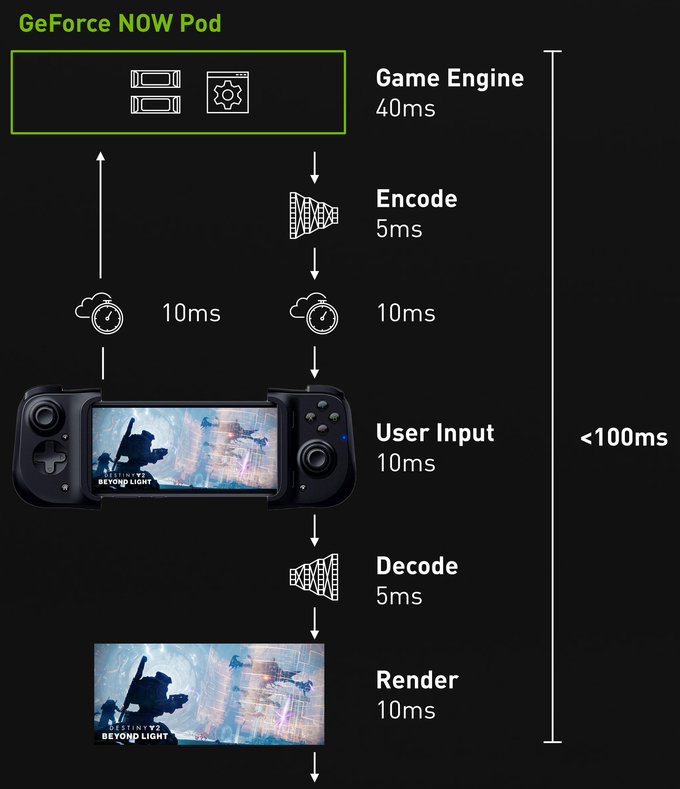
Isolate and Secure Infrastructure | High Quality-of-Service | More Concurrent Users

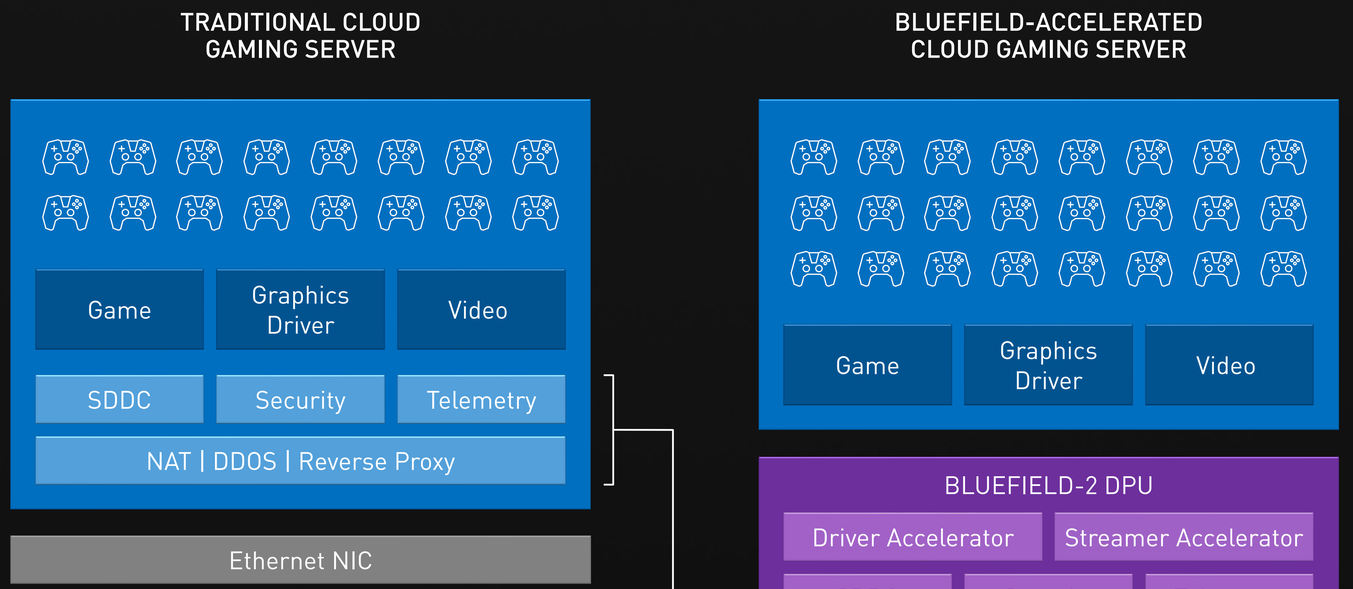


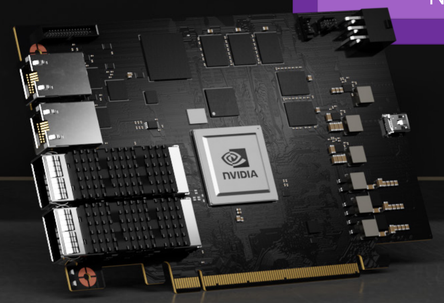


BLUEFIELD SECURES AND ACCELERATES GEFORCE NOW CLOUD GAMING

Isolate and Secure Infrastructure | High Quality-of-Service | More Concurrent Users







ANNOUNCING

DOCA 1.0 AND BLUEFIELD PARTNER ECOSYSTEM

Data Center on a Chip Architecture

Software Development Framework for BlueField DPUs

Offload, Accelerate, and Isolate Infrastructure Processing

Support for Hyperscale, Enterprise, Supercomputing and Hyperconverged Infrastructure

Transparent Offload and Acceleration of VMware ESX

Software Compatibility for Generations of BlueField DPUs

ANNOUNCING

NVIDIA BLUEFIELD-3

400 Gbps Data Center Infra Processor

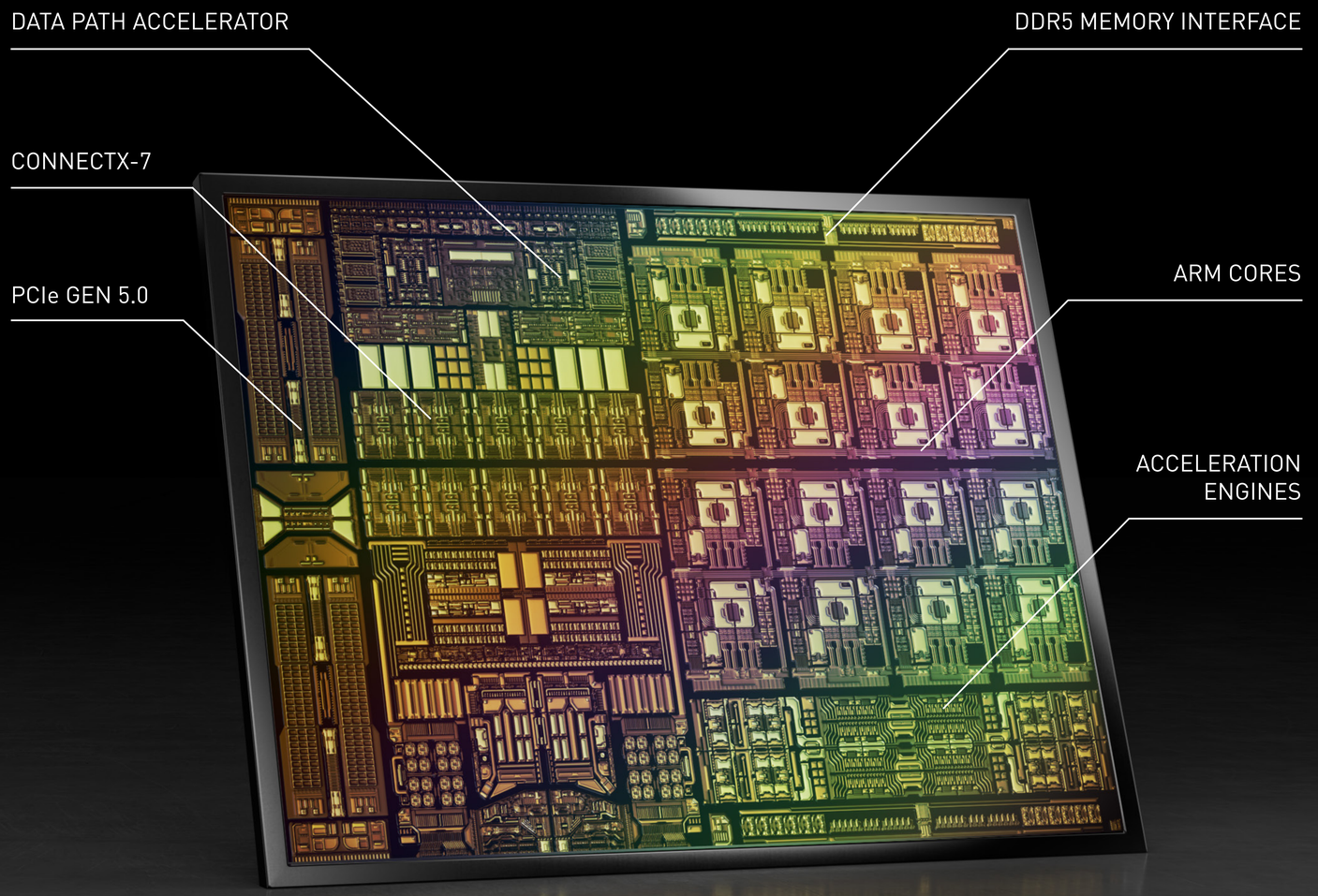
Offloads and Accelerates Data Center Infrastructure

Isolates Application from Control and Management Plane

Powerful CPU – 16x Arm A78 Cores

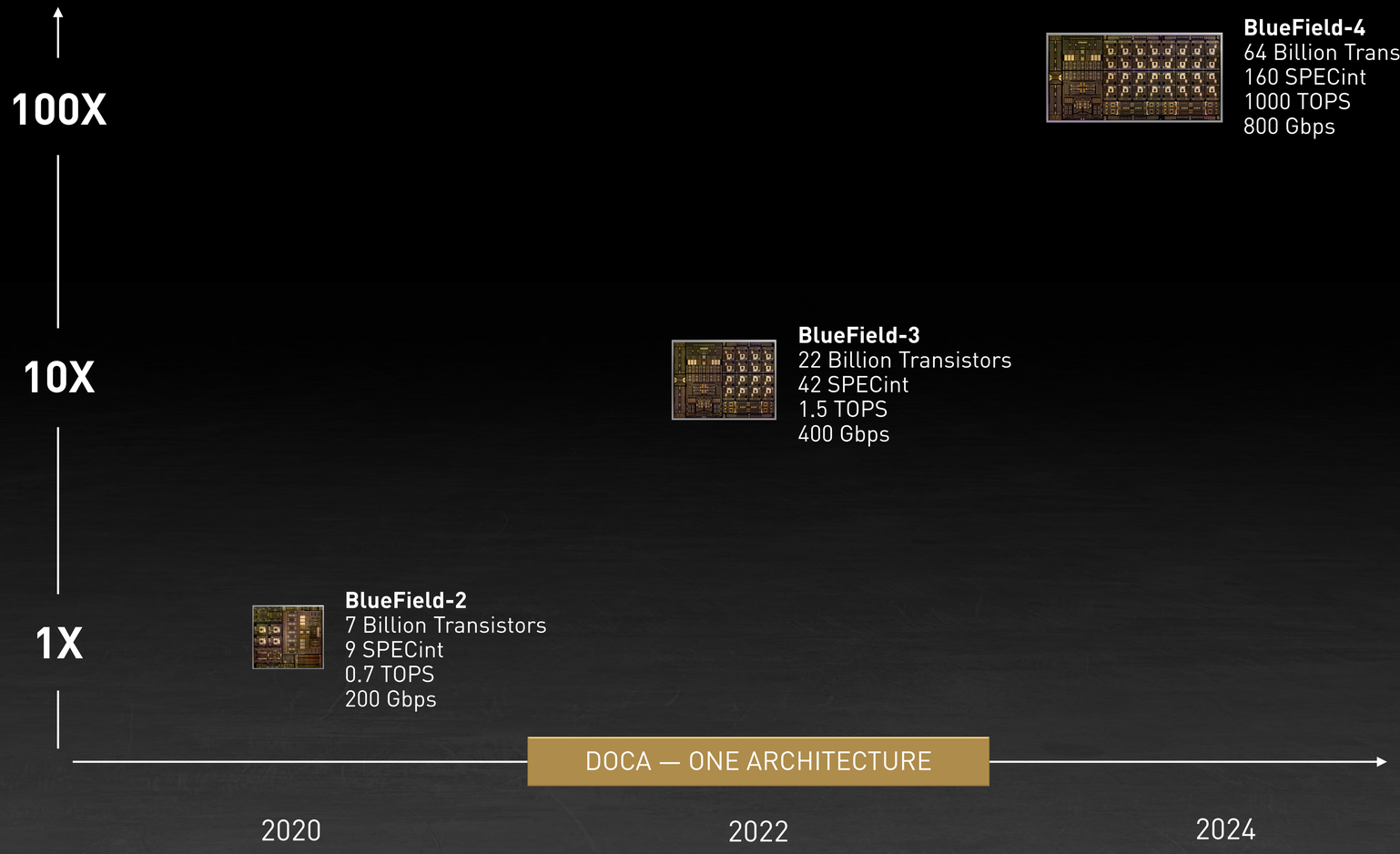
Process Networking, Storage, and Security at 400 Gbps

22 Billion Transistors



EXPONENTIAL GROWTH IN DATA CENTER INFRASTRUCTURE PROCESSING

Cloud-Native | Disaggregation | Micro-Services | AI | Zero-Trust Security



SPECrate2017_int

NVIDIA DGX

The Computer of AI Researchers

9 of 10
Top Universities

8 of 10
Top Global Telcos

7 of 10
Top U.S. Hospitals

7 of 10
Top Consumer Companies

6 of 10
Top U.S. Banks

7 of 10
Top Car Makers

10 of 10
Top Aerospace Companies

DGX SUPERPOD
AI Data Center As-a-Product

DGX A100
AI Data Center Building Block

DGX STATION A100
AI Data Center-in-a-Box

ANNOUNCING NVIDIA DGX STATION 320G

Workgroup AI Supercomputer-in-a-Box

Plug-into-the-Wall Instant AI Infrastructure

2.5 petaFLOPS

320 GB at 8 TB/sec

7.68 TB NVMe

28 MIGs

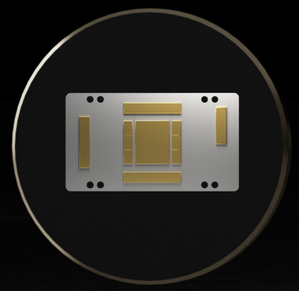
1500W and < 37db

$149,000 or $9,000/Month Subscription

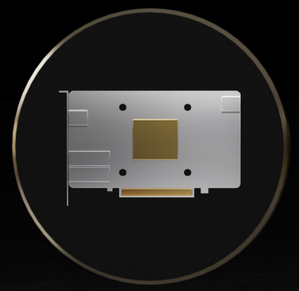

DGX STATION
NVIDIA

ANNOUNCING THE NEW DGX SUPERPOD

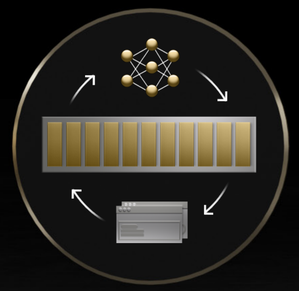
World's First Cloud-Native Supercomputer | Secured by NVIDIA BlueField | Multi-Tenant Bare-Metal Performance



A100 80GB

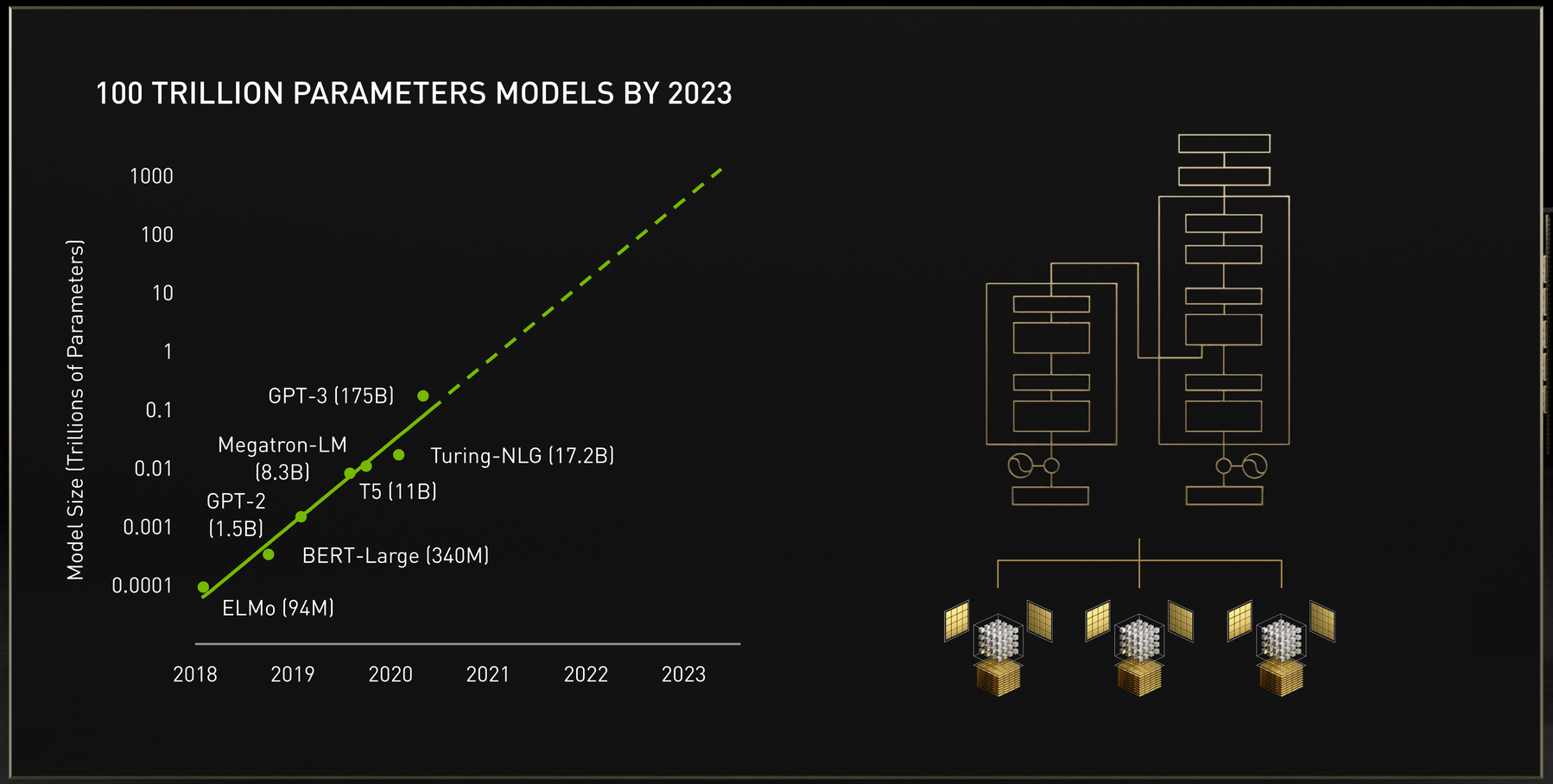


BLUEFIELD-2

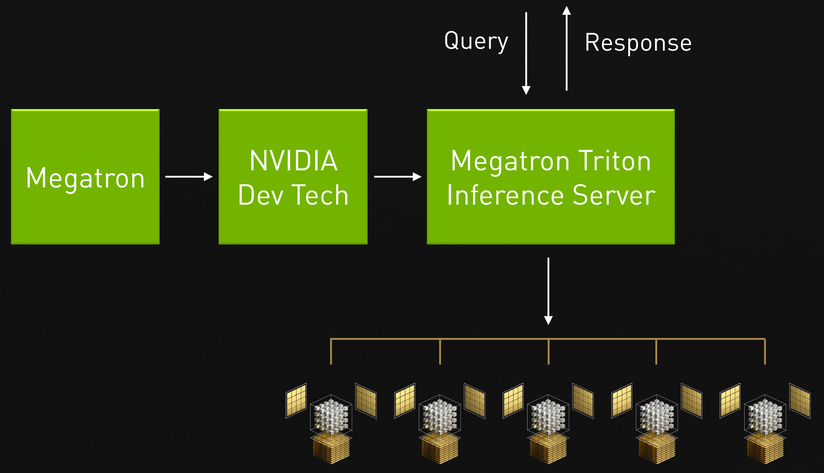


BASE COMMAND

NVIDIA MEGATRON TRAINS TRANSFORMERS



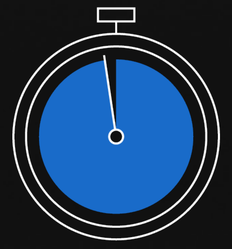
NVIDIA MEGATRON TRITON



RUN GPT-3 BASED CHATBOTS

16 QUERIES
1 Second
DGX A100

1 QUERY
>1 Minute
Dual Socket CPU Server



Input sequence length=128 tokens (average of 102 words), Output sequence length=8 tokens (average of 6 words)
GPU: Megatron GPT-3 on DGX-A100-80GB, Batch size=16, FP16, FasterTransformer 4.0, Triton 2.6
CPU: OpenAI GPT-3 on Xeon Platinum 8280 2S, 755GB System memory, Batch size=1, FP32, TensorFlow 2.3

ANNOUNCING

NAVER ADOPTS DGX SUPERPOD TO CREATE LANGUAGE UNDERSTANDING AI SERVICES

#1 Internet Tech Platform in Korea

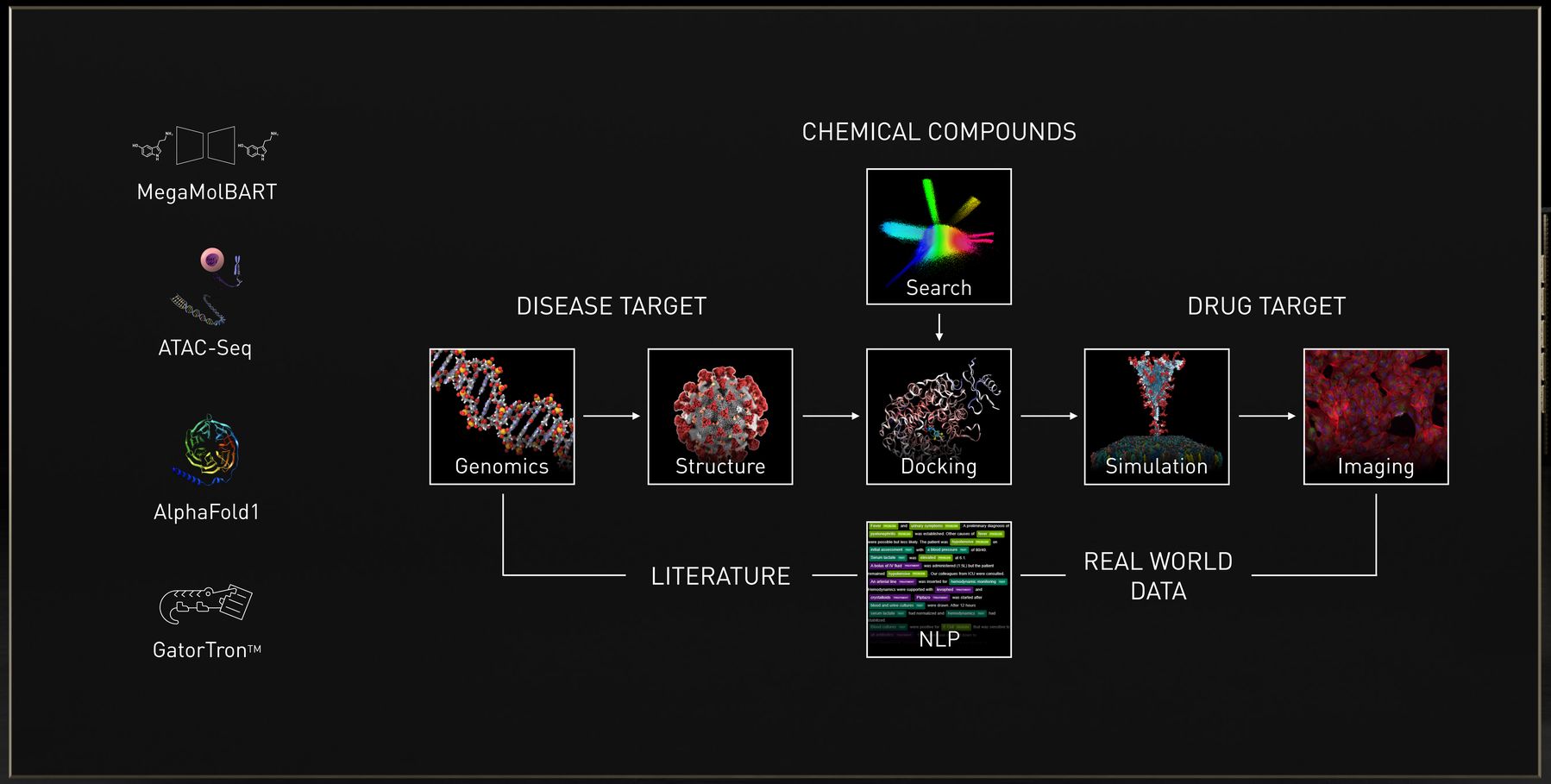
Construct AI R&D Belt Across Asia and Europe

Develop Giant AI Language Models

DGX SuperPOD to Build Global-Scale
AI Supercomputing Infrastructure

NAVER

NVIDIA CLARA DISCOVERY



ANNOUNCING OXFORD NANOPORE TECHNOLOGIES ADOPTS NVIDIA DGX

Oxford NANOPORE Technologies

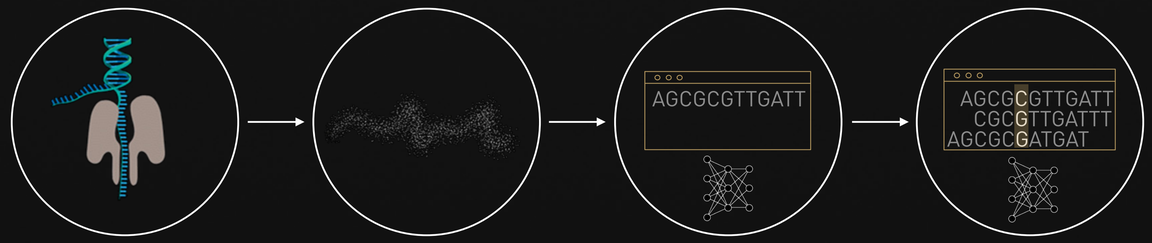
PromethION with DGX

GridION with V100

MinION Mk1C with AGX

NANOPORE SEQUENCE PROCESS

Model Trained on DGX SuperPOD | Inference on DGX or V100 or Jetson



DNA SAMPLE
NANOPORE

NANOPORE
SEQUENCING SIGNAL

"BONITO"
BASE CALLER
98.3% RAW ACCURACY

"MEDAKA"
VARIANT CALLER
99.9% SNV

ANNOUNCING

SCHRODINGER AND NVIDIA ACCELERATE DRUG DISCOVERY

$1.25 Trillion Dollar Industry | 10+ Years Development | 3,000 Pharma Companies

Accelerating Schrodinger's Physics and Machine Learning-Based Computational Drug Discovery Tools with NVIDIA Clara Discovery Acceleration Libraries on NVIDIA DGX A100

Achieve Experimentally-Accurate Simulations

SCHRÖDINGER®

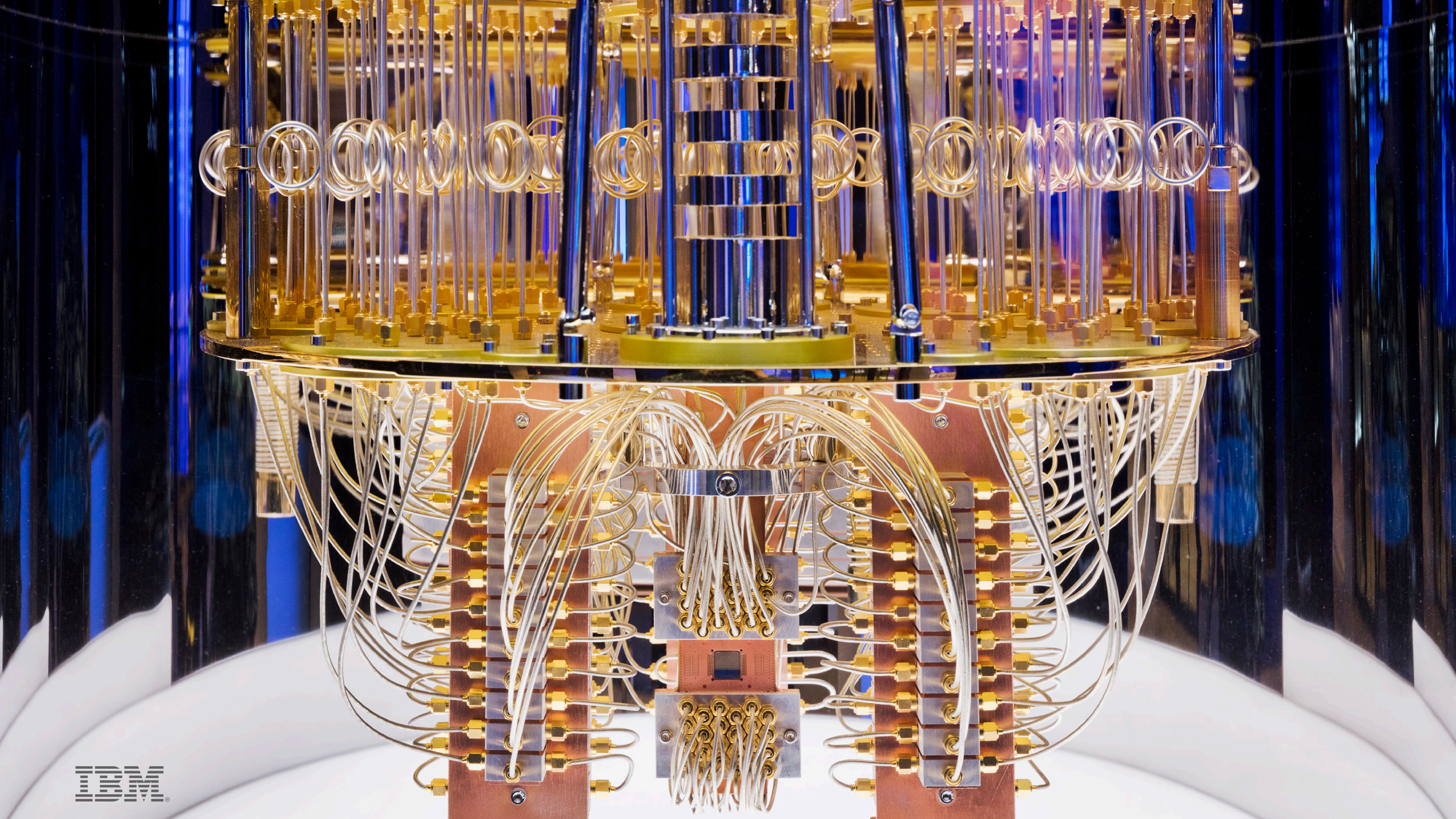
ANNOUNCING

RECURSION BUILDS PHARMA AI SUPERCOMPUTER WITH NVIDIA DGX SUPERPOD

BioHive-1 Aims to Decode Biology and Industrialize Drug Discovery

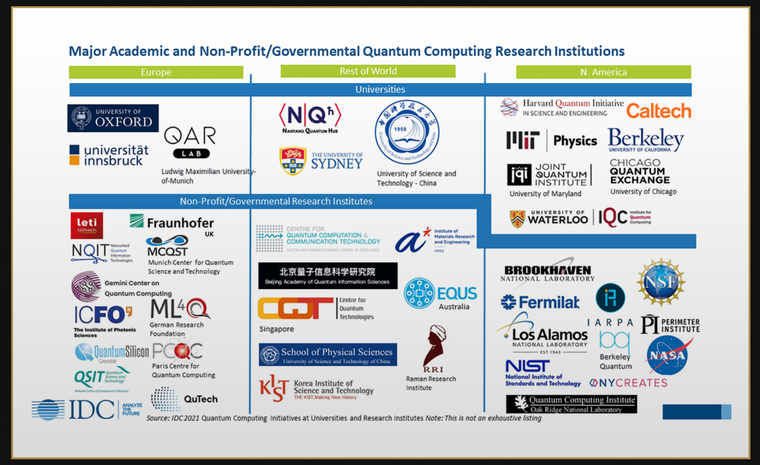
Recursion OS Built on NVIDIA DGX SuperPOD Generates, Analyzes, and Derives Insight from Biological and Chemical Datasets

Generate up to 9 Million Images, or Approximately 80 Terabytes of Data, Across up to 1.5 Million Experiments per Week

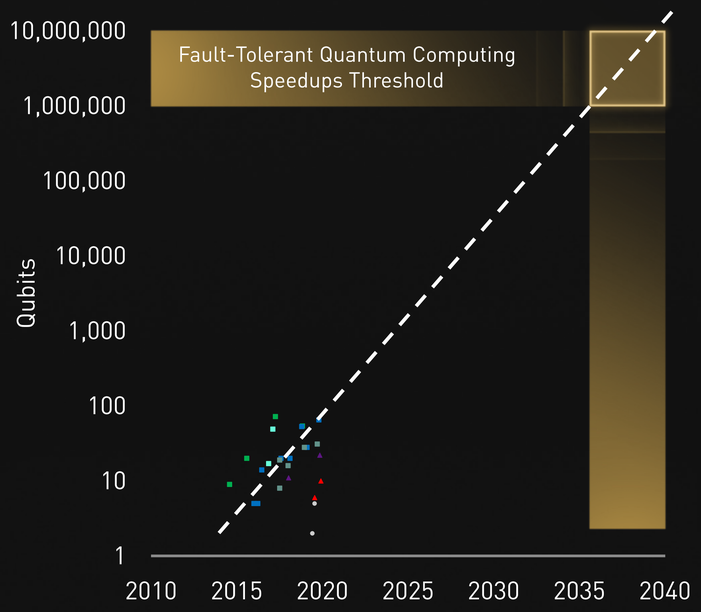

IBM

GLOBAL QUANTUM COMPUTING RACE

QUANTUM COMPUTING RESEARCH ECOSYSTEM



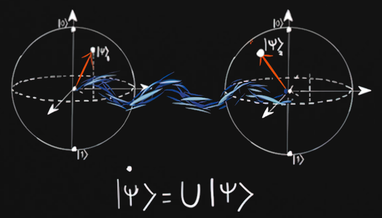
DOUBLING PHYSICAL QUBITS EVERY YEAR

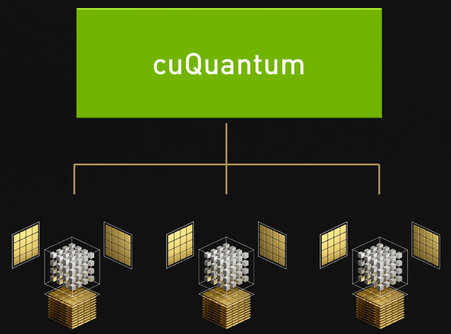


ANNOUNCING NVIDIA CUQUANTUM

Research the Computer of Tomorrow on the Most Powerful Computer Today

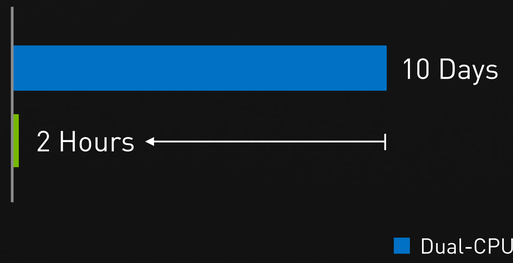
GPU-ACCELERATED QUANTUM SIMULATIONS





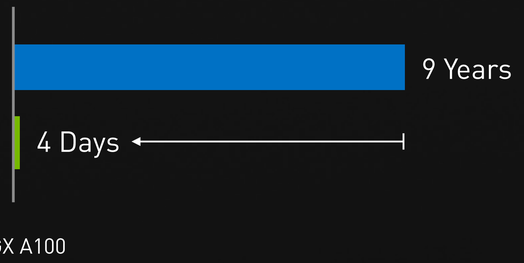
STATE VECTOR SIMULATION

Scales to 10's of Qubits



TENSOR NETWORK SIMULATION

Scales to 1000's of Qubits



"Using the Cotengra/Quimb packages, NVIDIA's new cuQuantum SDK, and the Selene supercomputer, we've generated a sample of the Sycamore quantum circuit at depth=20 in record time (less than 10 minutes). This sets the benchmark for quantum circuit simulation performance and will help advance the field of quantum computing by improving our ability to verify the behavior of quantum circuits."

—Johnnie Gray, Research Scientist, Caltech
Garnet Chan, Bren Professor of Chemistry, Caltech

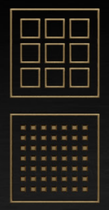
Footnotes: State Vector- 1,000 circuits , 36 qubits depth =10, complex 64 | CPU: Qiskit (IBM) on Dual AMD EPYC 7742 | GPU: Qgate (NVAITC) on DGX-A100
Tensor Network - 53 qubits, depth 20 | CPU: Estimated Quimb (Caltech) on Dual AMD EPYC 7742 | GPU: Quimb (Caltech) on DGX-A100

DIVERSE DATA CENTER ARCHITECTURES

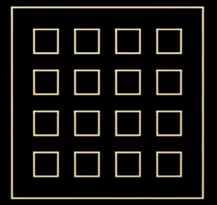
ENTERPRISE COMPUTING

HYPERSCALE

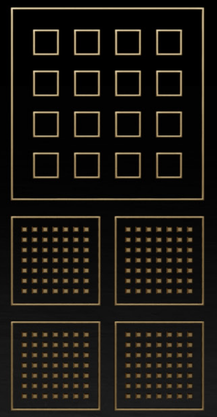
STORAGE SERVERS



ACCELERATED HYPERSCALE



SCIENTIFIC COMPUTING

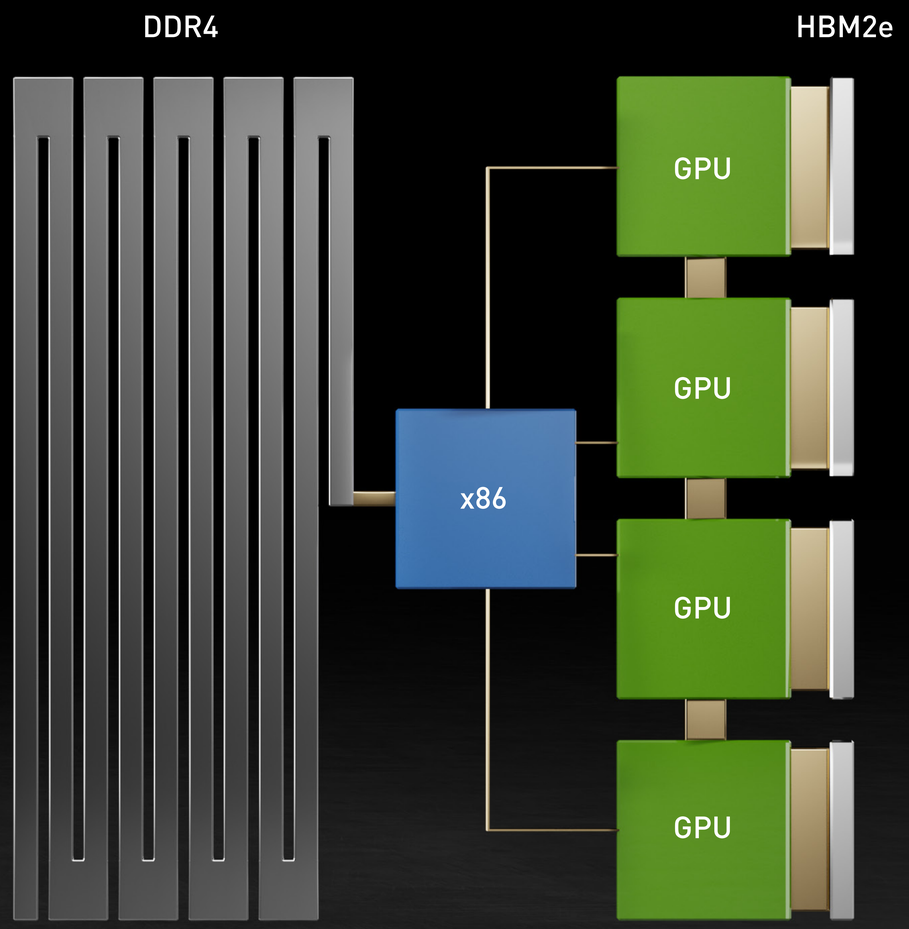


ACCELERATED HPC

DATA-COMPUTE DEMAND GROWING FASTER THAN SYSTEM BANDWIDTH

GPU Starved by CPU Memory and PCIE Bandwidth

GPU	8,000	GB/sec
CPU	200	GB/sec
PCIE Gen 4	16	GB/sec
Mem-to-GPU	64	GB/sec



DATA-COMPUTE DEMAND GROWING FASTER THAN SYSTEM BANDWIDTH

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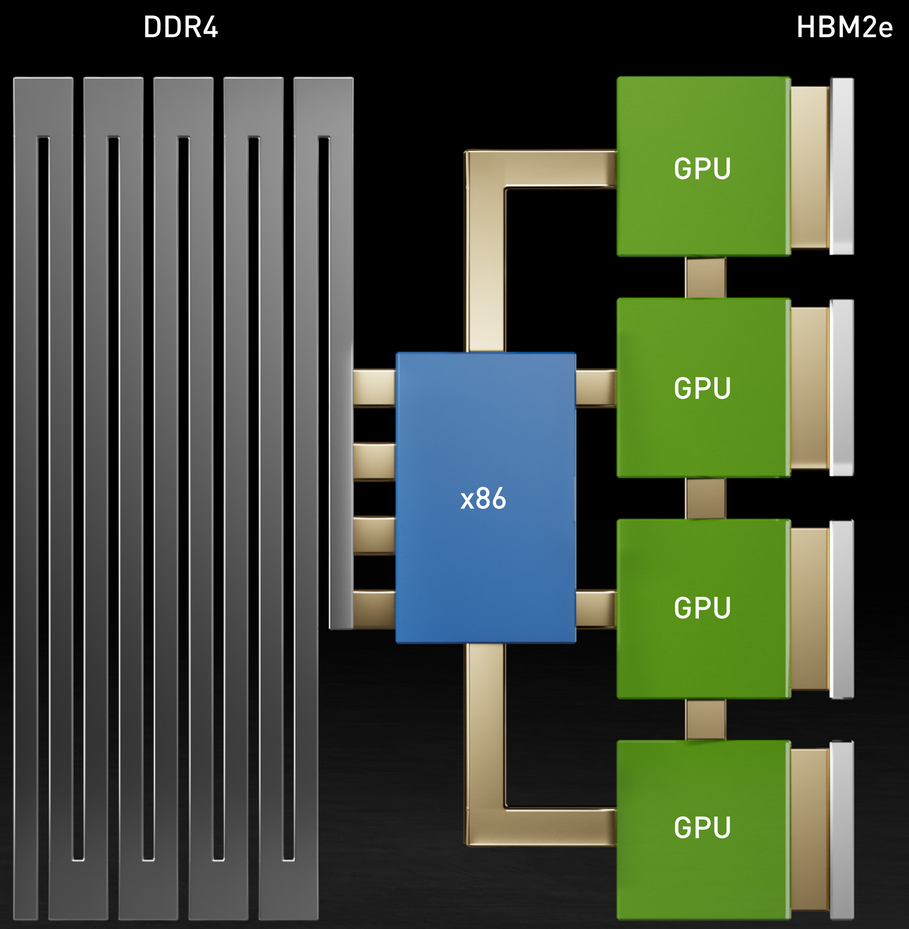
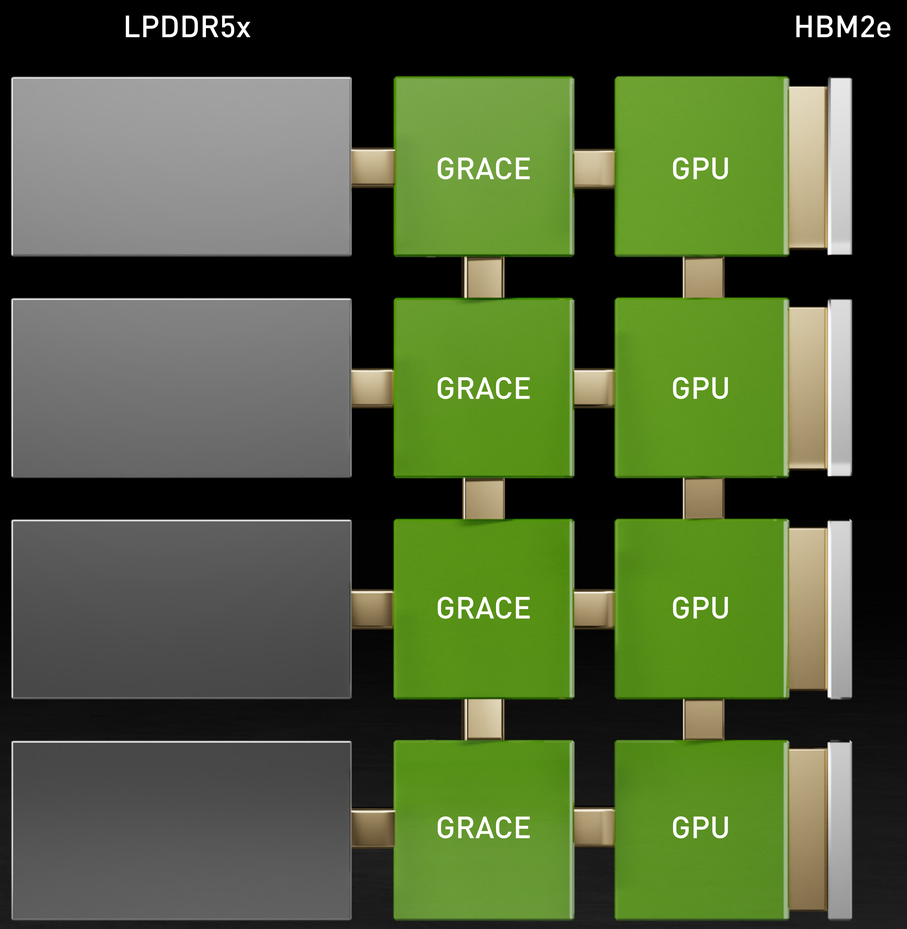


A NEW COMPUTING ARCHITECTURE FOR AI AND DATA SCIENCE

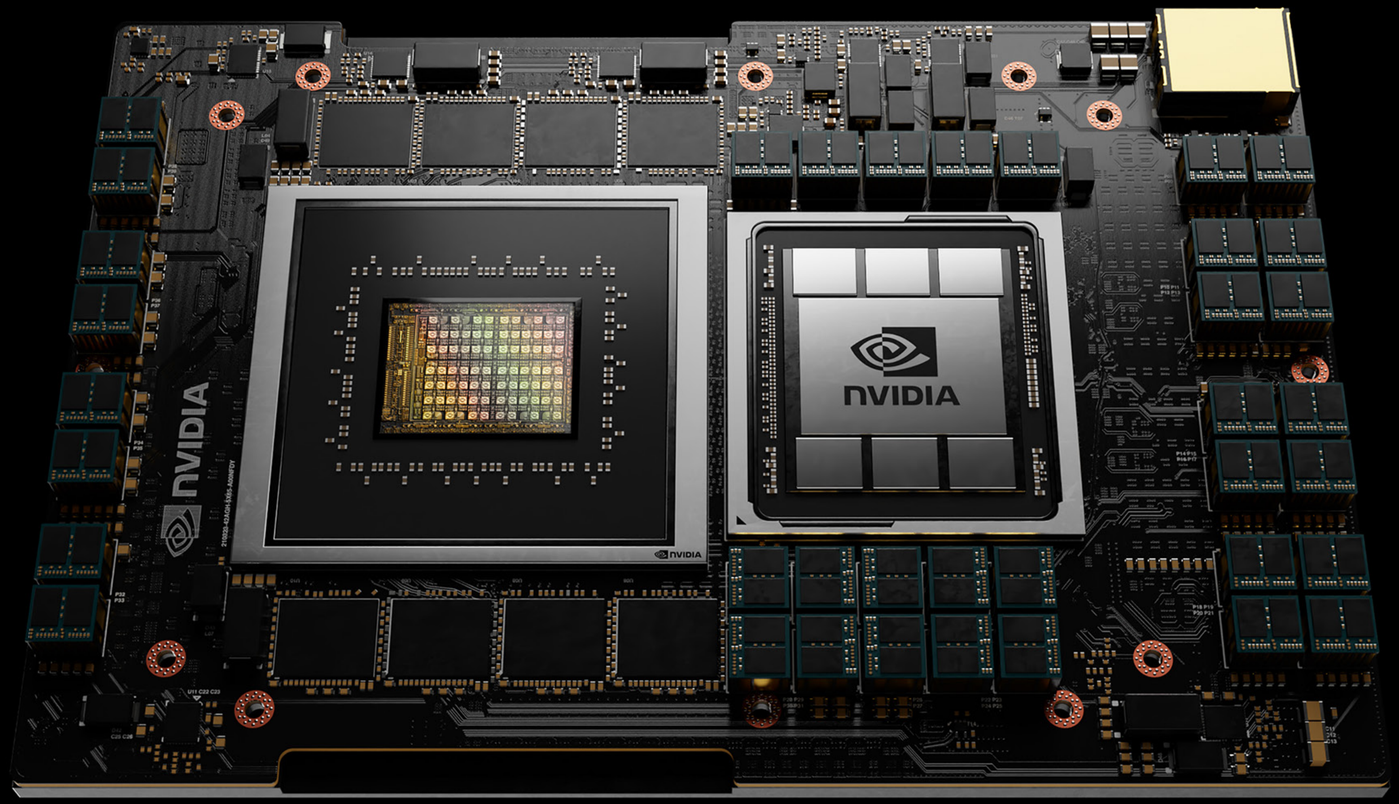
30X Increase System Memory to GPU

GPU	8,000	GB/sec	
CPU	500	GB/sec	
NVLINK	500	GB/sec	
Mem-to-GPU	2,000	GB/sec	30X



ANNOUNCING NVIDIA GRACE

CPU Designed for Giant-Scale AI and HPC Accelerated Computing



CSCS
Centro Svizzero di Calcolo Scientifico
Swiss National Supercomputing Centre

Hewlett Packard Enterprise

NVIDIA

ANNOUNCING

THE WORLD'S FASTEST SUPERCOMPUTER FOR AI

20 Exaflops of AI

Powered by NVIDIA Grace CPU and
Next Generation NVIDIA GPU

HPC and AI for Scientific and Commercial Apps

Advance Weather, Climate, and Material Science

SUPERCOMPUTING COMMUNITY EMBRACES ARM

"Alps will use NVIDIA's novel Grace CPU to converge AI technologies and classic supercomputing in one single powerful data center infrastructure."

CSCS
Centro Svizzero di Calcolo Scientifico
Swiss National Supercomputing Centre

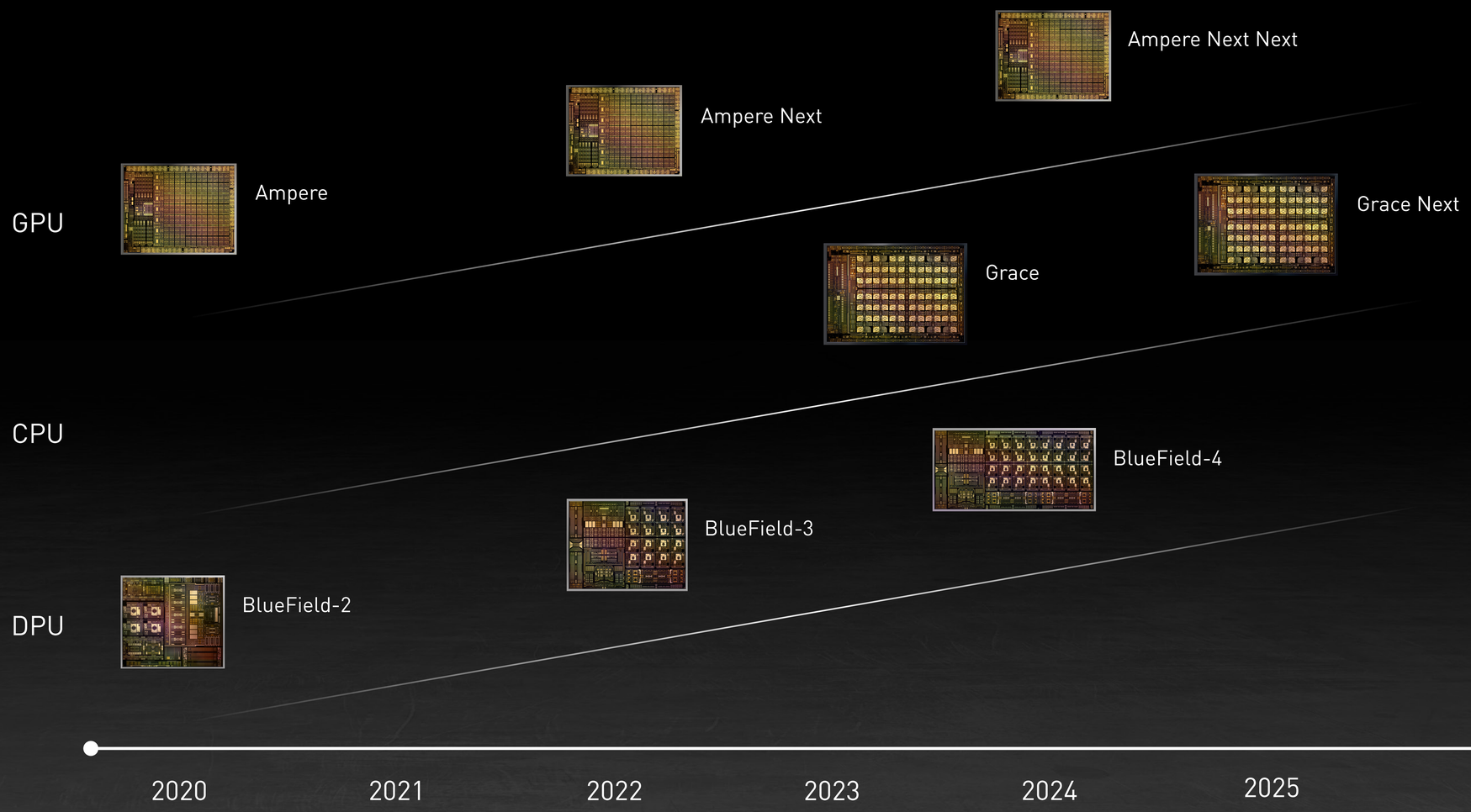
-Thomas Schulthess
Director CSCS

"Thanks to NVIDIA's new Grace CPU, we'll be able to deliver advanced scientific research using high-fidelity 3D simulations and analytics with data sets that are larger than previously possible."

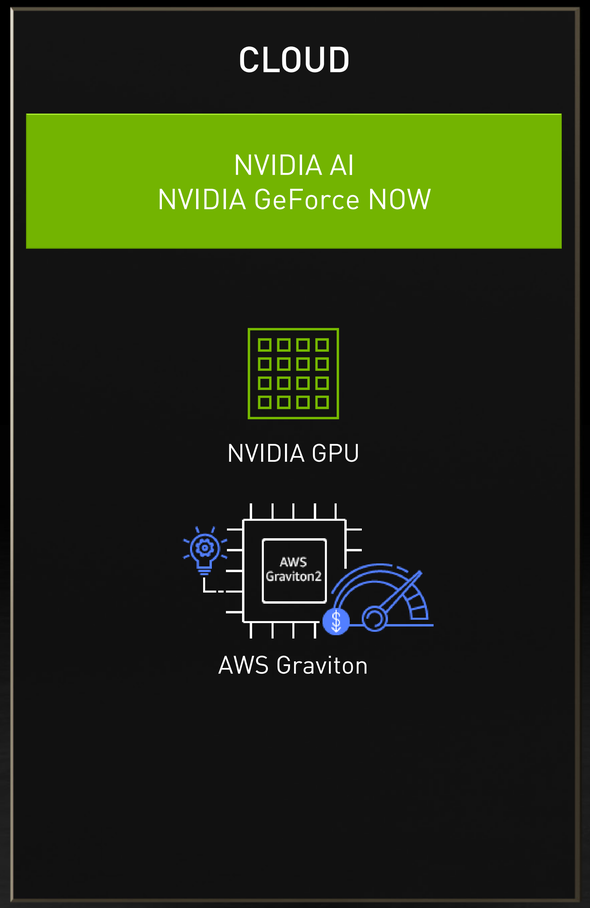
Los Alamos
NATIONAL LABORATORY

-Thom Mason
Director LANL

3 CHIPS. YEARLY LEAPS. ONE ARCHITECTURE.



EXPANDING ARM IN THE CLOUD



Bringing Together AWS Graviton2 CPU and NVIDIA GPU in 2H21

Android Gaming and AI Inference in the Cloud

AWS Graviton2 Delivers Significantly Better Price Performance

NVIDIA GPUs Deliver Performance to Scale Streaming

Easiest Way to Move Android Gaming to the Cloud

aws

NVIDIA

EXPANDING ARM ECOSYSTEM BEYOND MOBILE

CLOUD

NVIDIA AI
NVIDIA GeForce NOW

NVIDIA GPU

AWS Graviton

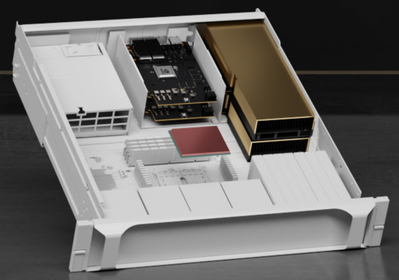
SCIENTIFIC COMPUTING

NVIDIA AI
NVIDIA HPC

NVIDIA A100

NVIDIA BlueField-2

Ampere Altra

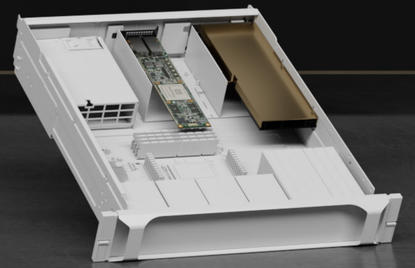


EDGE AND ENTERPRISE

NVIDIA AI
NVIDIA DeepStream

NVIDIA T4

Marvell OCTEON



PC

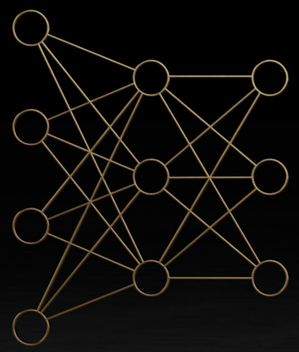
NVIDIA AI
NVIDIA RTX

GeForce RTX 30 Series

MediaTek MT819x

WAVES OF AI

AI Computing

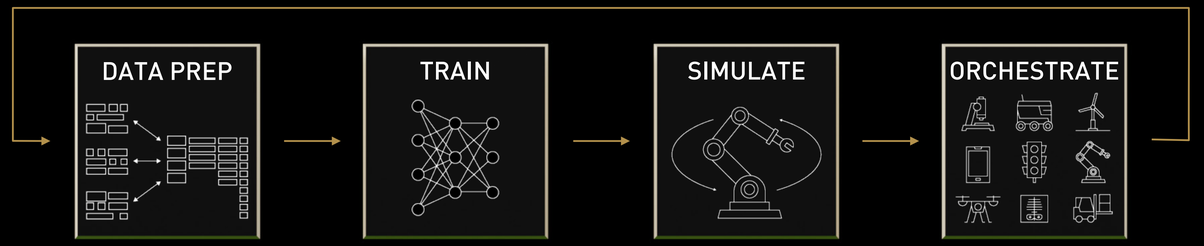


Cloud

5G Industrial Edge

Robotics

NVIDIA AI



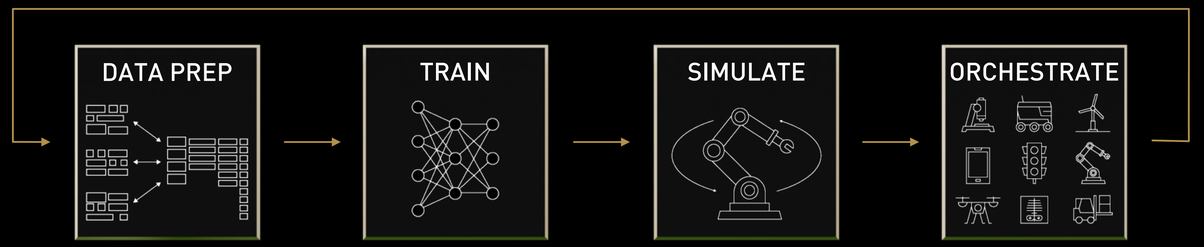
NVIDIA AI

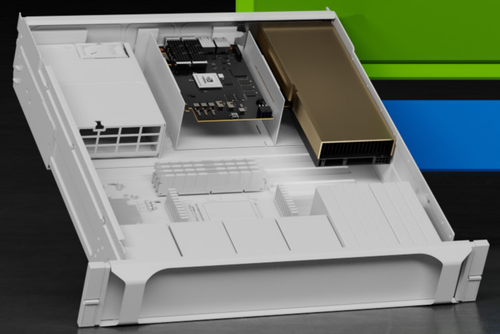
NVIDIA GPU CLOUD REGISTRY

cuIO | cuDF | cuDNN | cuML | cuGraph | TAO | TensorRT | Triton

NVIDIA CUDA, DOCA, vGPU, Magnum IO

ANNOUNCING NVIDIA EGX ENTERPRISE PLATFORM





NVIDIA AI

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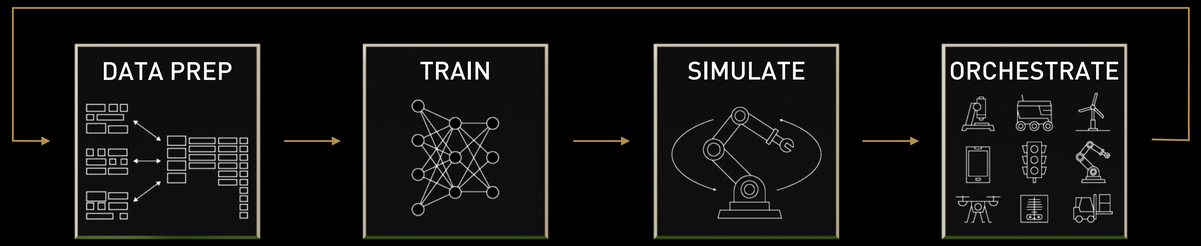
NVIDIA CUDA, DOCA, vGPU, Magnum IO

VMware vSphere

NVIDIA CERTIFIED

Atos · DELL Technologies · FUJITSU · GIGABYTE · H3C · hp · inspur · Lenovo · QCT · Supermicro

ANNOUNCING NVIDIA EGX ENTERPRISE PLATFORM



NVIDIA AI

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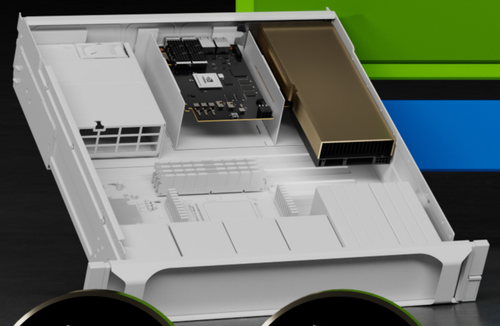

NVIDIA CERTIFIED

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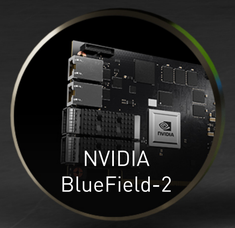

NVIDIA BlueField-2


NVIDIA A100/A30


NVIDIA A40/A10

ANNOUNCING NVIDIA AERIAL A100

AI-on-5G

ERICSSON FUJITSU MAVENIR Capgemini Radisys

NVIDIA AERIAL

5G CORE

IPSEC/TLS | DPI | ASAP2 Acceleration

5G RAN

5T FOR 5G | GPU Direct | cuVNF | cuPHY

chnologies FUJITSU GIGABYTE H3C Lenovo QCT SUPERMICRO

NVIDIA BlueField-2

NVIDIA A100/A30

NVIDIA A40/A10

NVIDIA AERIAL A100

ANNOUNCING

GOOGLE CLOUD AND NVIDIA PARTNER TO DELIVER AI-ON-5G

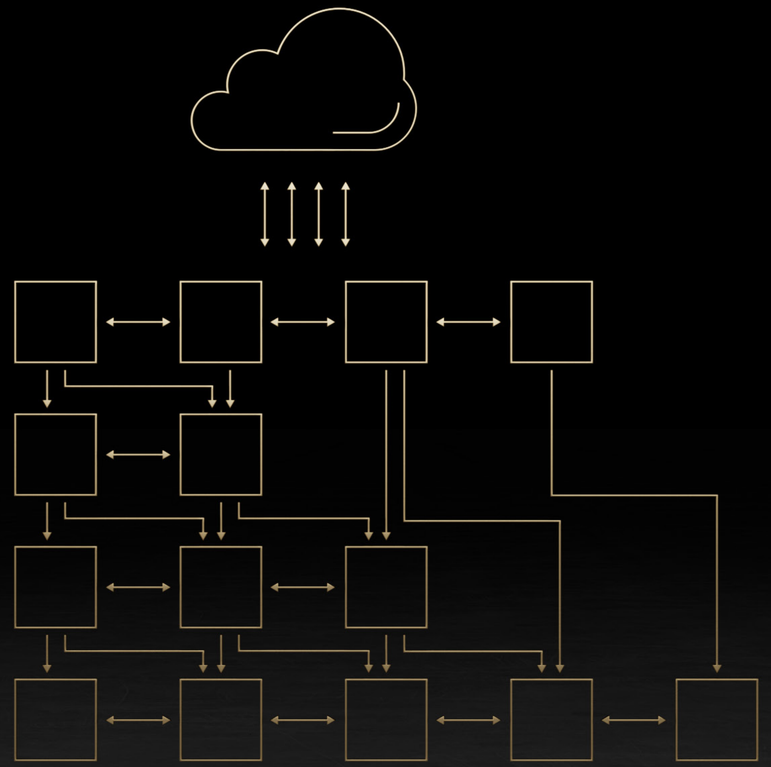
Anthos-Enabled 5G Edge to Deliver Low-Latency, Secure and Mission-Critical Edge AI Applications

Enables the Rapid Delivery of New Services and Applications at the 5G Edge

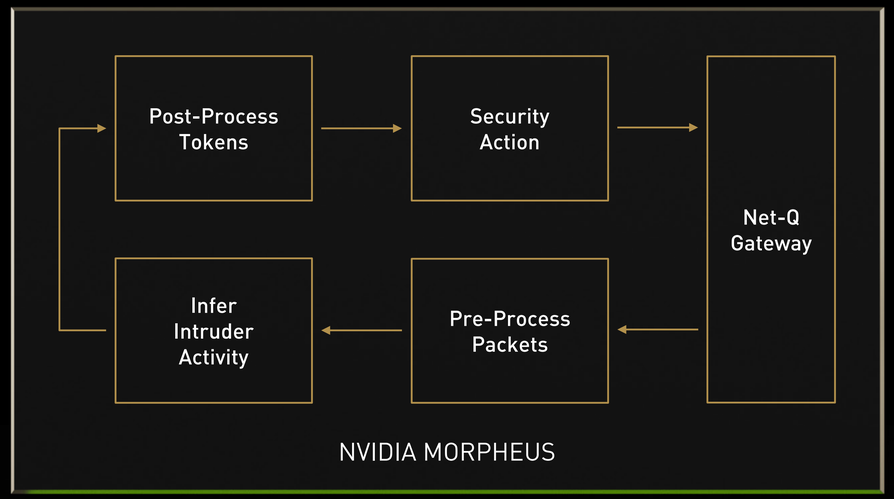
Provides a Consistent Platform for Application Deployments from Cloud to the Edge

Google Cloud

EVERY USER AND WORKLOAD OF A DATA CENTER IS A SECURITY THREAT

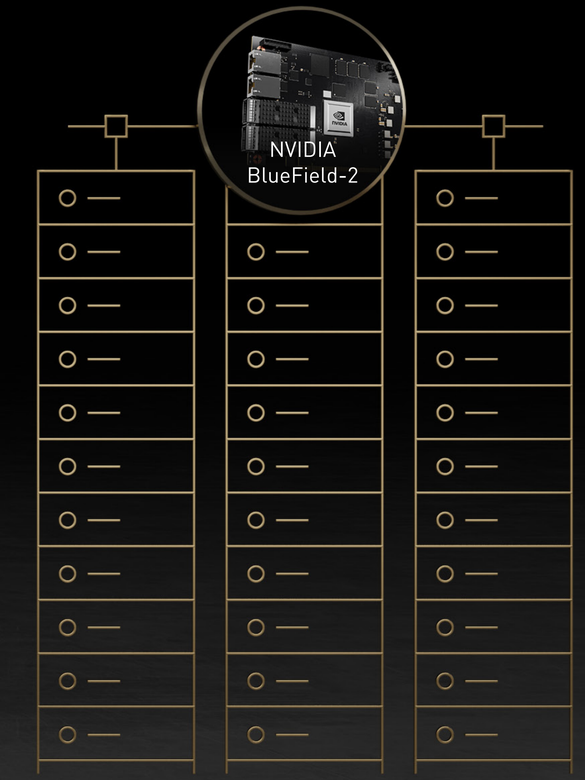


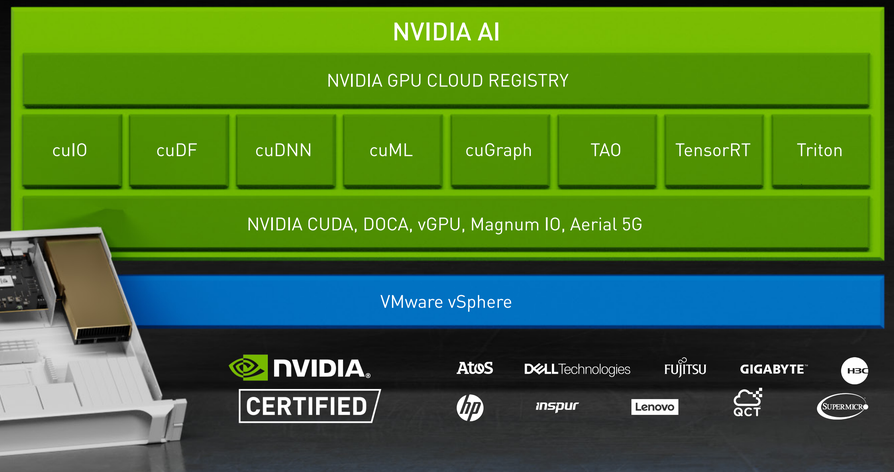
ANNOUNCING NVIDIA MORPHEUS

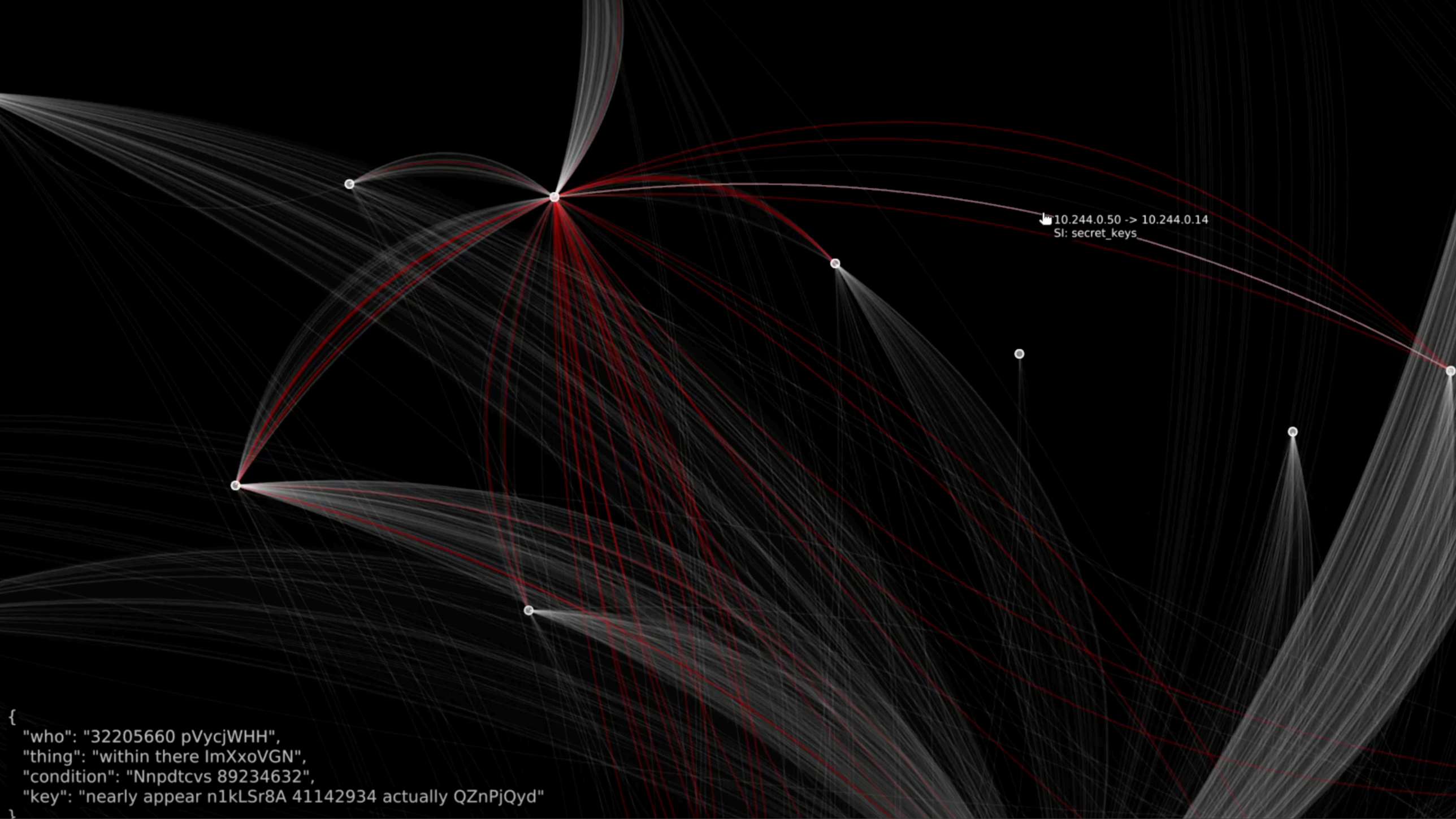


Security Policies

Real-Time Telemetry








```
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  "thing": "within there ImXxoVGN",
  "condition": "Nnpdtcvs 89234632",
  "key": "nearly appear n1kLSr8A 41142934 actually QZnPjQyd"
}
```

NVIDIA EGX ENTERPRISE ECOSYSTEM

INFRASTRUCTURE

- Canonical
- Google Cloud
- Red Hat
- vmware

INDUSTRIAL EDGE

- DATA MONSTERS
- DEMATIC
- everseen
- kinetic vision
- OSARO

DATA ANALYTICS & MACHINE LEARNING

- CLOUDERA
- splunk>
- ALLUXIO
- kinetica
- omni·sci
- plotly

DIGITAL TWIN

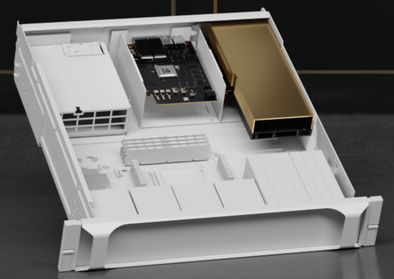
- ALTAIR
- Ansys
- Bentley Advancing Infrastructure
- CATIA
- NETALLIED SYSTEMS
- ptc
- SIMULIA

CYBER SECURITY

- Check Point SOFTWARE TECHNOLOGIES LTD
- CLOUDFLARE
- FORTINET
- Guardicore
- paloalto NETWORKS

5G

- Capgemini
- ERICSSON
- FUJITSU
- MAVENIR
- Radisys



NVIDIA CERTIFIED

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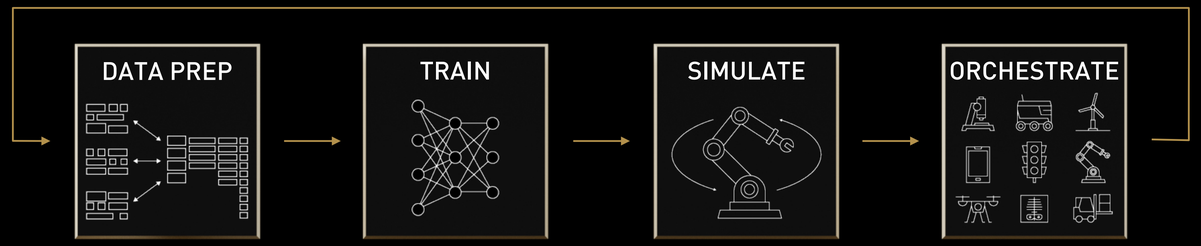
ANNOUNCING NVIDIA EGX ENTERPRISE PLATFORM

Enterprise-Ready Suite of AI and Data Science Software



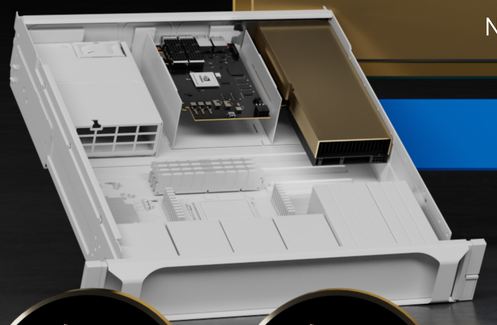
NVIDIA AI ENTERPRISE

NVIDIA GPU CLOUD REGISTRY

cuIO | cuDF | cuDNN | cuML | cuGraph | TAO | TensorRT | Triton

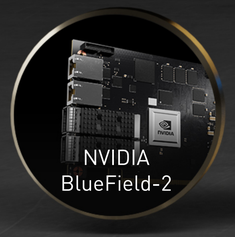
NVIDIA CUDA, DOCA, vGPU, Magnum IO, **Aerial 5G**, **Morpheus**

VMware vSphere



NVIDIA CERTIFIED

Atos · DELL Technologies · FUJITSU · GIGABYTE · H3C · hp · inspur · Lenovo · QCT · SUPERMICRO



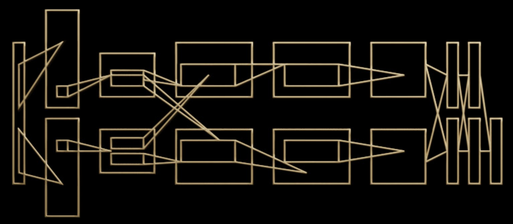
NVIDIA BlueField-2

NVIDIA A100/A30

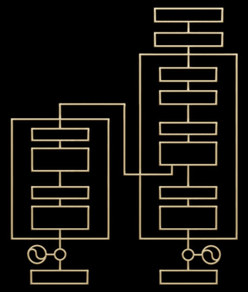
NVIDIA A40/A10

NVIDIA Aerial A100

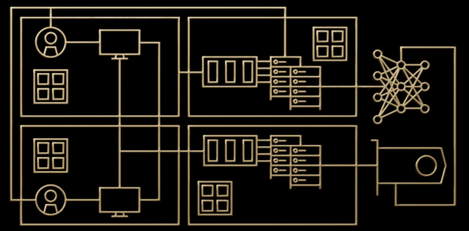
Convolutional Network (CNN)



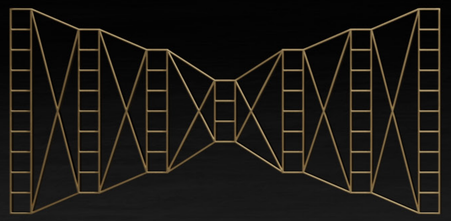
Transformer



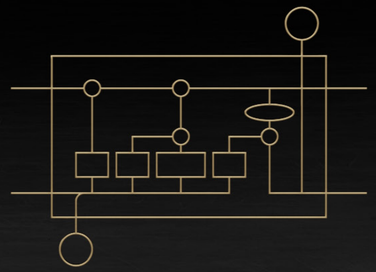
Reinforcement Learning



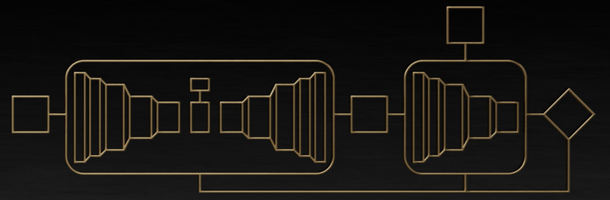
Autoencoders



Long Short-Term Memory (LSTM)

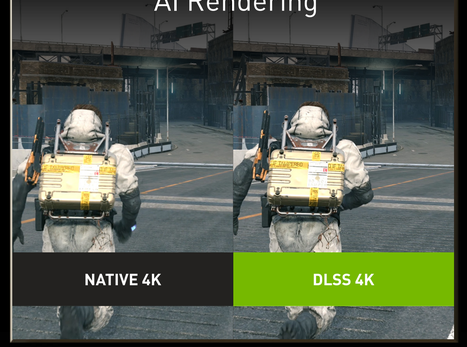


Generative Adversarial Network (GAN)



NVIDIA'S AI

DLSS
AI Rendering

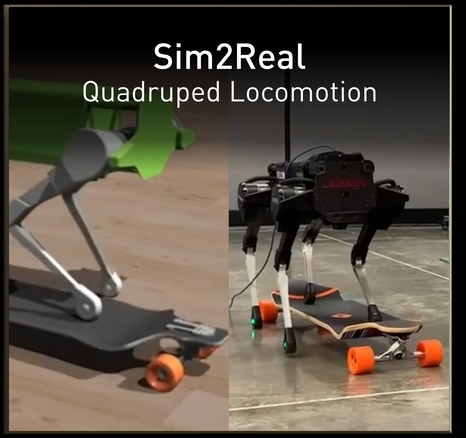


StyleGAN
High-Res Image Generation

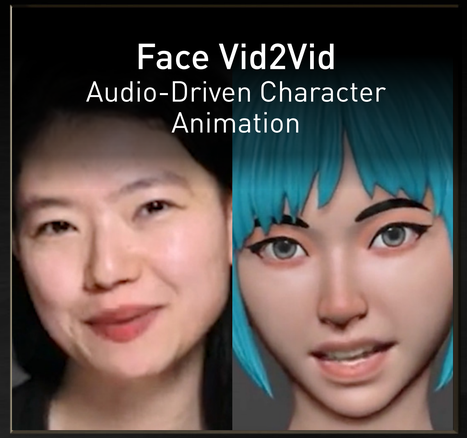
GANcraft
3D Scene Generation

GANverse3D
2D to 3D Render

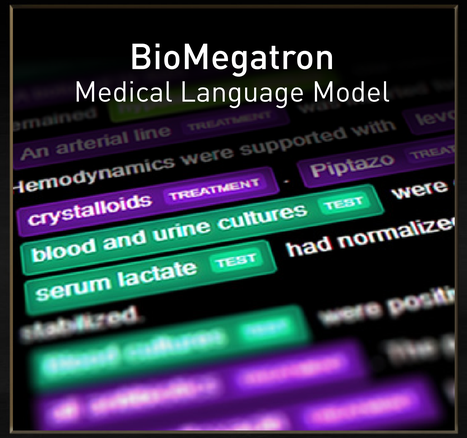
Sim2Real
Quadruped Locomotion



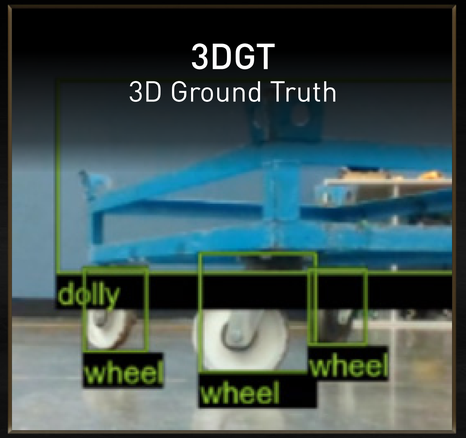
Face Vid2Vid
Audio-Driven Character Animation



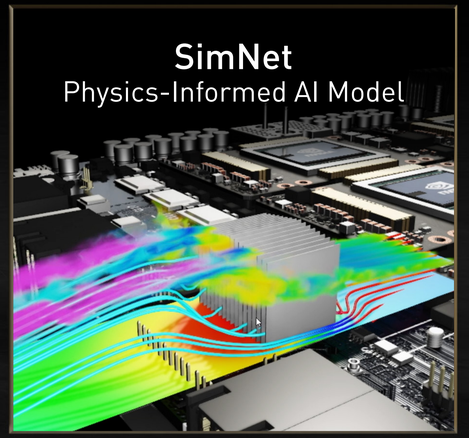
BioMegatron
Medical Language Model



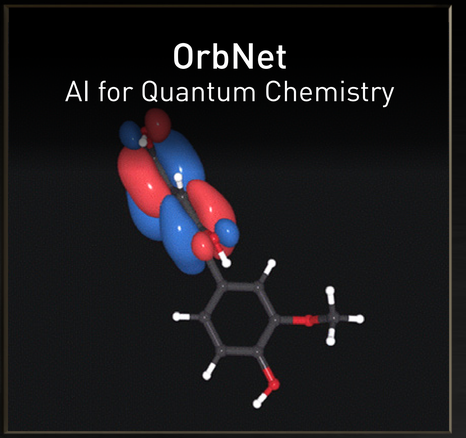
3DGT
3D Ground Truth



SimNet
Physics-Informed AI Model



OrbNet
AI for Quantum Chemistry



NGC PRE-TRAINED MODELS

Production-Quality AI Models

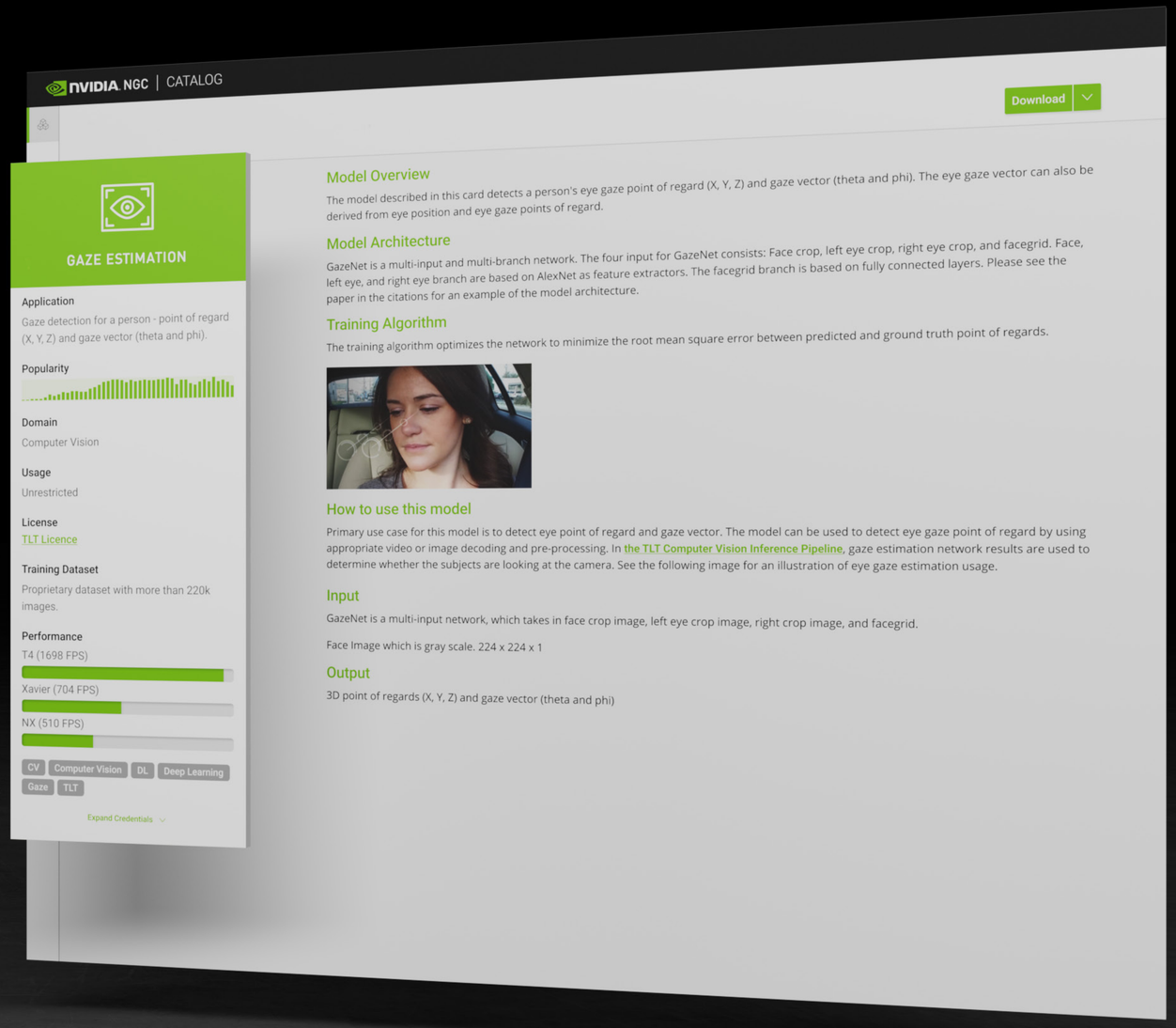
Trained by Experts for Enterprise Deployment

Credentials to Find Models You Trust

Continuously Updated to be State-of-the-Art

Adapt with NVIDIA TAO and Orchestrate with NVIDIA Fleet Command

Reference AI Code Samples to Ease Application Development



ANNOUNCING

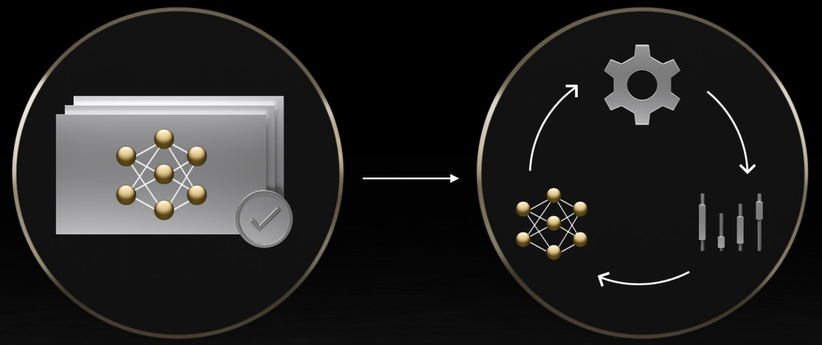
NVIDIA TAO FRAMEWORK

Train | Adapt | Optimize

Customize Pre-Trained Models for Domain-Specific Applications

Federated Learning Enables Model Training Collaboration while Protecting Data Privacy

Produce State-of-the-Art Models in Hours



NVIDIA NGC NVIDIA TAO

ANNOUNCING

NVIDIA FLEET COMMAND

Securely Orchestrate AI Fleet at the Edge of the Network

Control and Manage Millions of AI-Powered Devices from Any Cloud

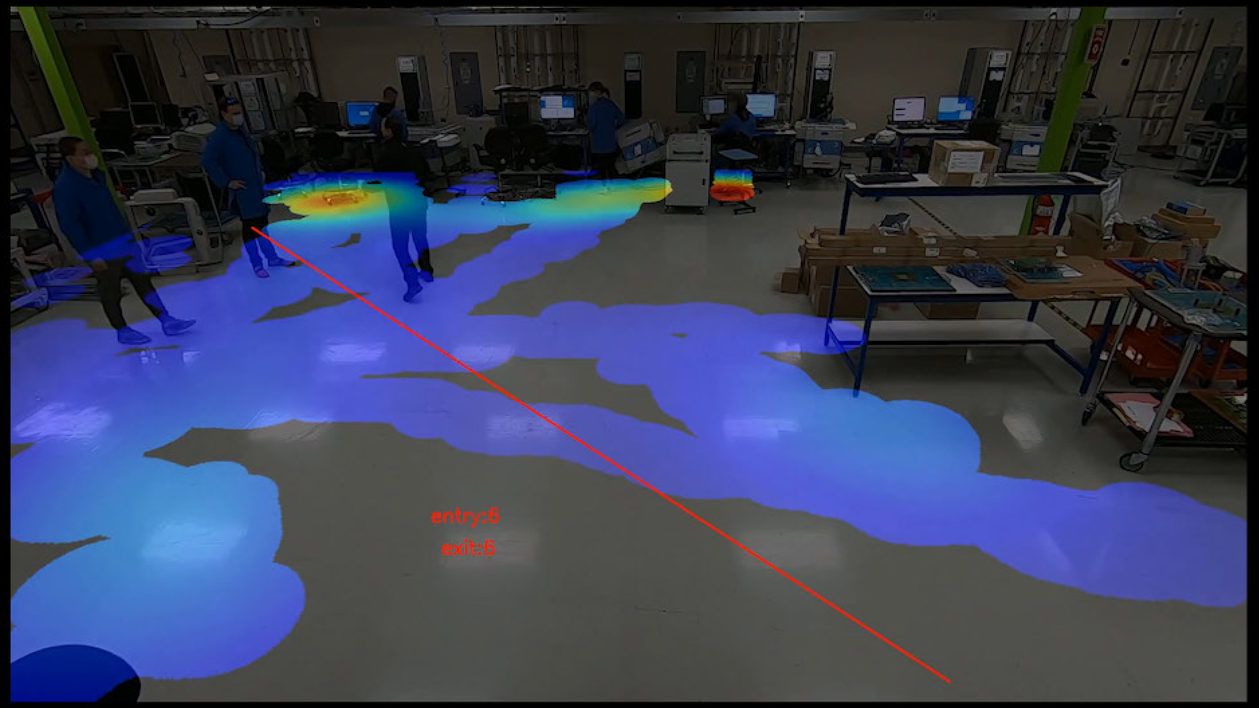
Secure from Boot, Attestation, Uplink and Downlink, to Confidential AI Enclave

Centrally Monitor Health and Remotely Fix Edge Systems

NVIDIA NGC

NVIDIA TAO

NVIDIA FLEET COMMAND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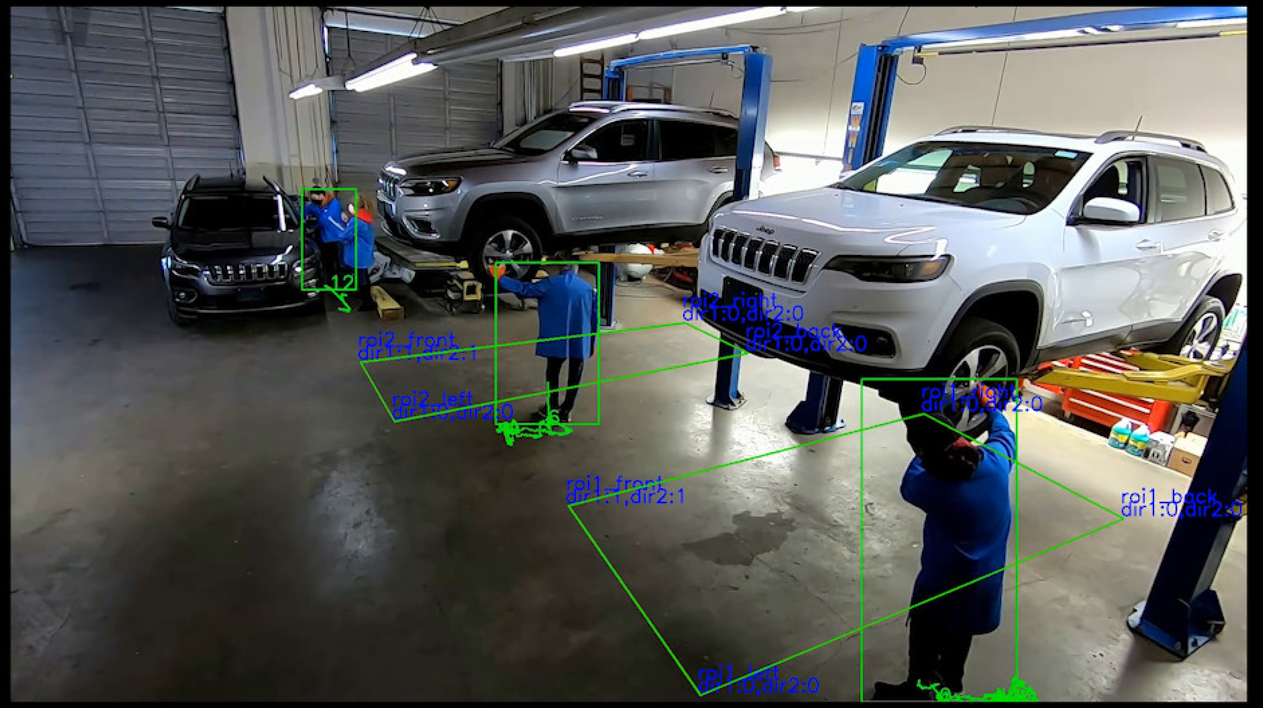
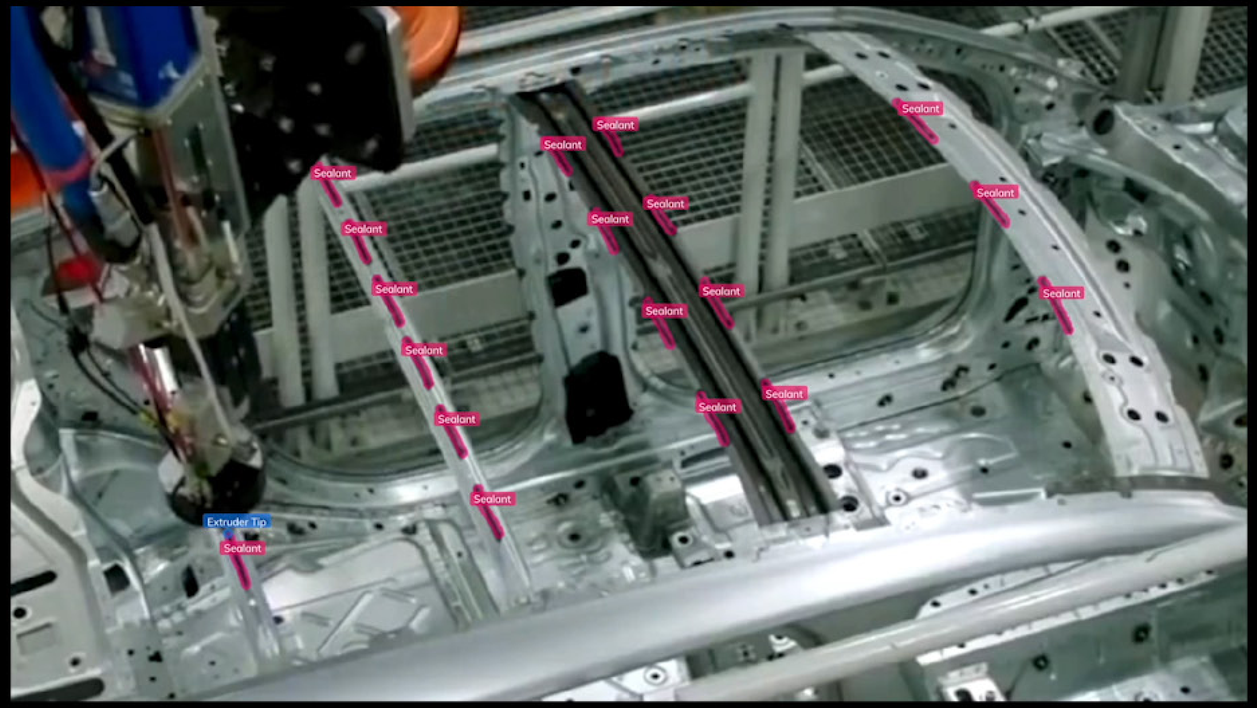
exit:6


12
roi2_front
dir1:1,dir2:1
roi2_left
dir1:0,dir2:0
roi2_right
dir1:0,dir2:0
roi2_back
dir1:0,dir2:0
roi1_front
dir1:1,dir2:1
roi1_back
dir1:0,dir2:0


Sealant
Extruder Tip

NGC PRE-TRAINED MODELS

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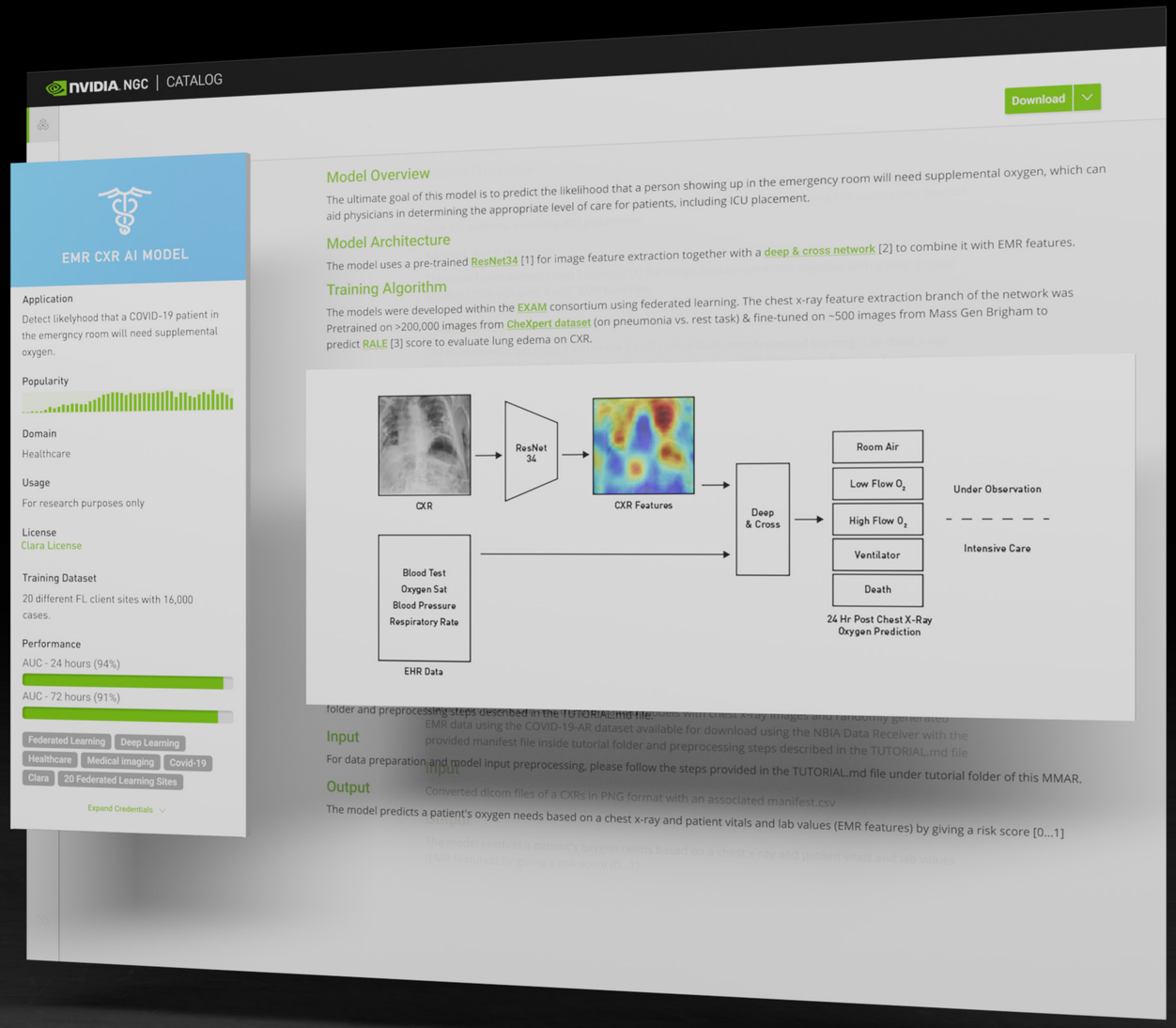


NVIDIA JARVIS

State-of-the-Art Conversational AI

GPU-Accelerated ASR, NLU, TTS

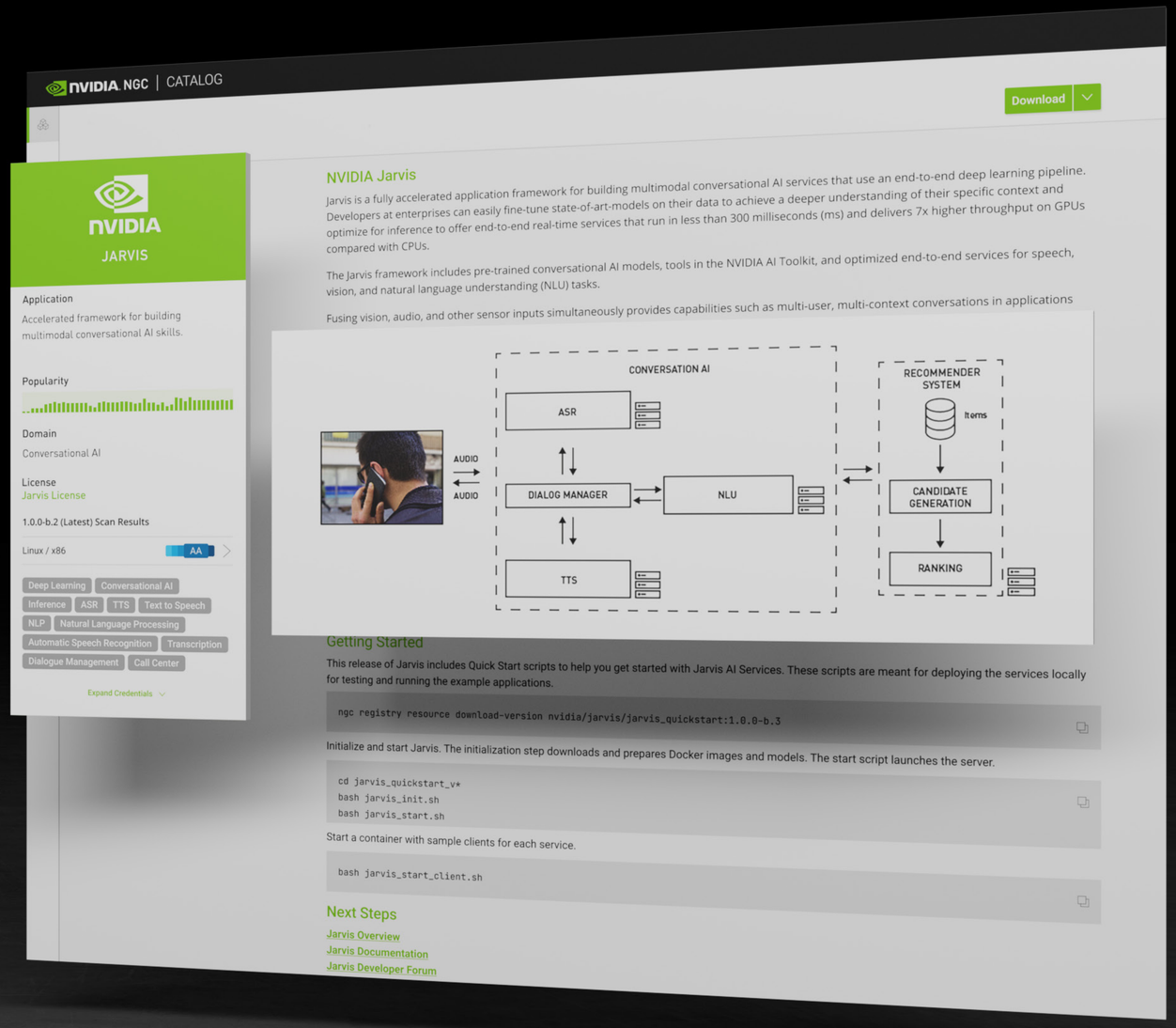
Interactive Performance

Customize with NVIDIA TAO

Orchestrate with NVIDIA Fleet Command

Scale-Out with NVIDIA Triton

Run in Every Cloud and at the Edge



Settings

ASR Model

None

Translate

En -> Ja

STOP

Jarvis transcription

We're also making tremendous progress in translation and now offer support for five languages.

You can see how fluid the translation is into Japanese.

And it's running in real time with under one hundred milliseconds latency for each sentence.

また、翻訳も飛躍的に進歩しており、現在5カ国語に対応しています。

日本語の翻訳の流動性がわかります。

そして、各文で 100 ミリ秒未満のレイテンシでリアルタイムで実行されています。

ANNOUNCING

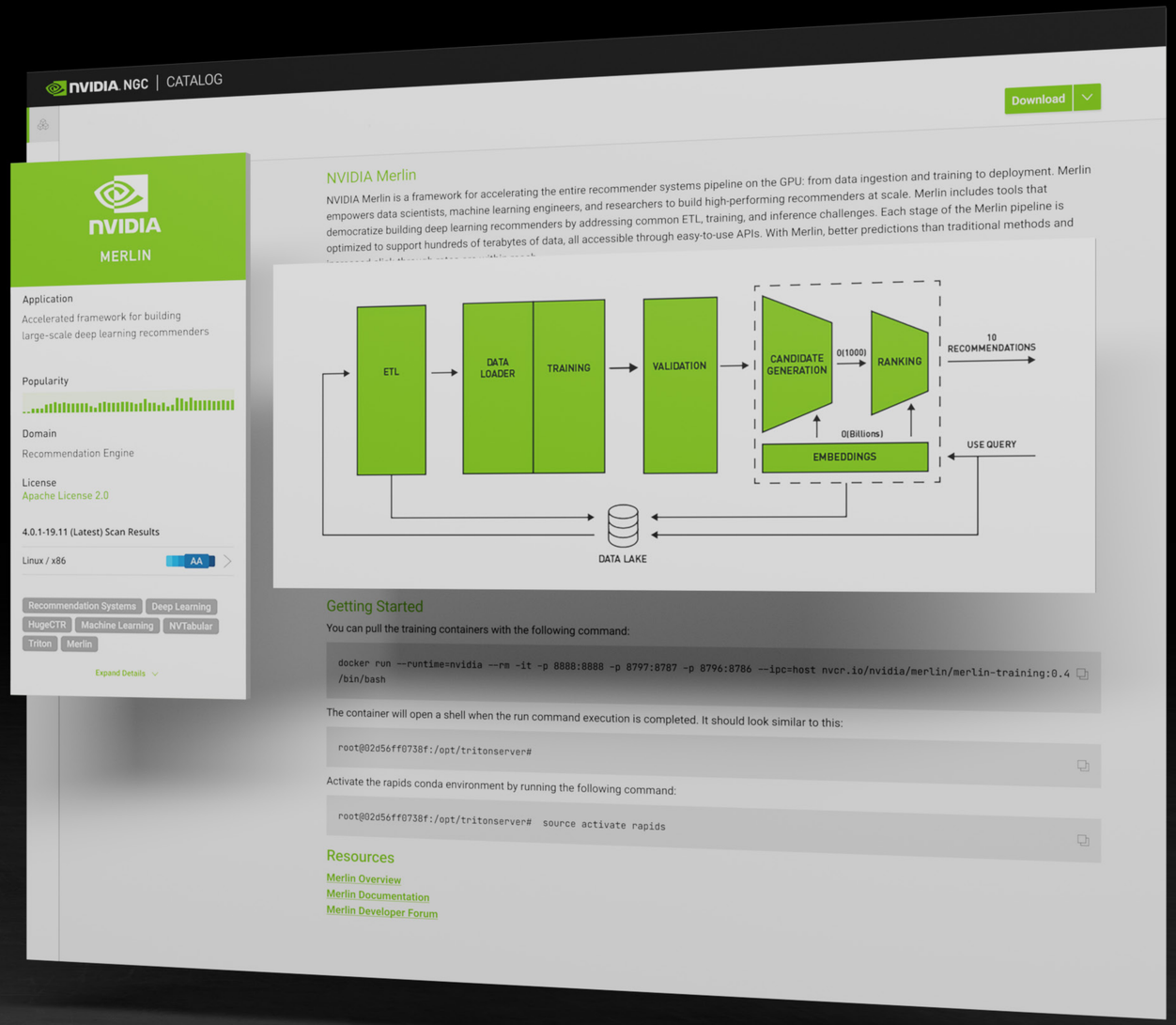
NVIDIA MERLIN END-TO-END ACCELERATED RECOMMENDER SYSTEM

GPU-Accelerated ETL, Data Loading, Training, Inference

Scales Transparently to Target Data Sets and More Complex Models

Run in Every Cloud and at the Edge

Now Available on NGC



NVIDIA MAXINE

SOTA AI to Reinvent Virtual Collaboration

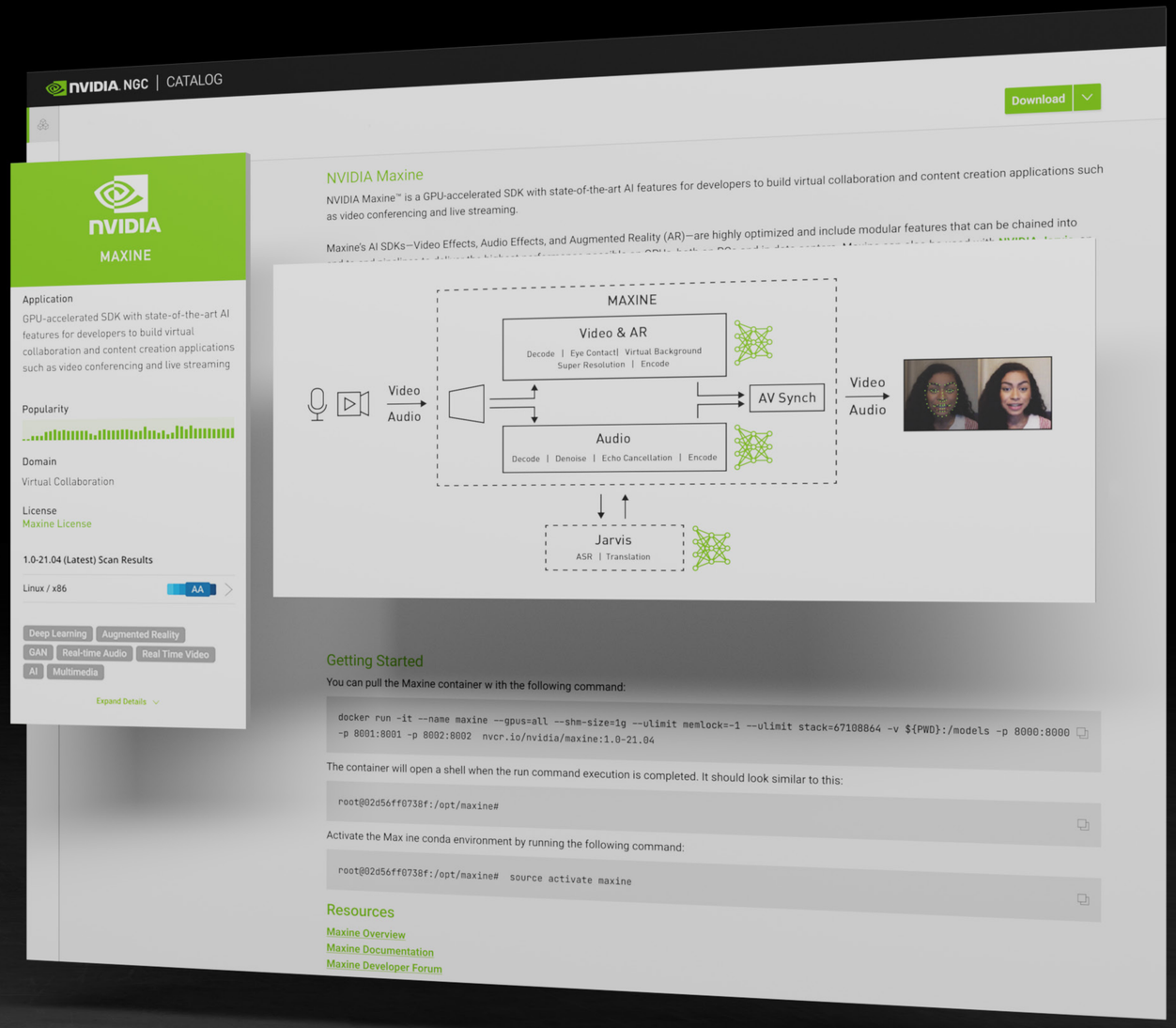
SDKs for Video, Audio, and Augmented Reality

AI-Face Codec 10x Lower Bandwidth vs H.264

Jarvis for Conversational AI

Deploy on Client, in Data Center and Every Cloud

Download Today: **developer.nvidia.com/maxine**



that's so much better thanks to NVIDIA Maxine.

No es ideal. Ahora vamos a volver a activar todas las características de Maxine.

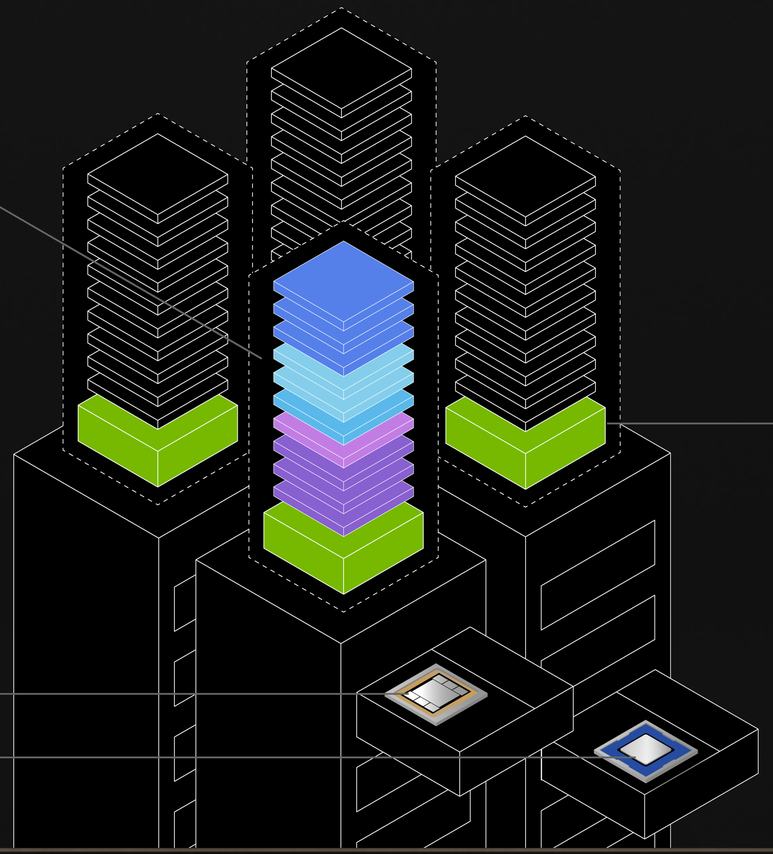
ANNOUNCING NVIDIA TRITON INFERENCE SERVER

MODELS

Infinite AI Models
CV, ASR, NLU, TTS, RecSys

Multiple Frameworks
TensorFlow, Pytorch,
ONNX, TensorRT

Varying Services
Batch, Real-Time,
Streaming

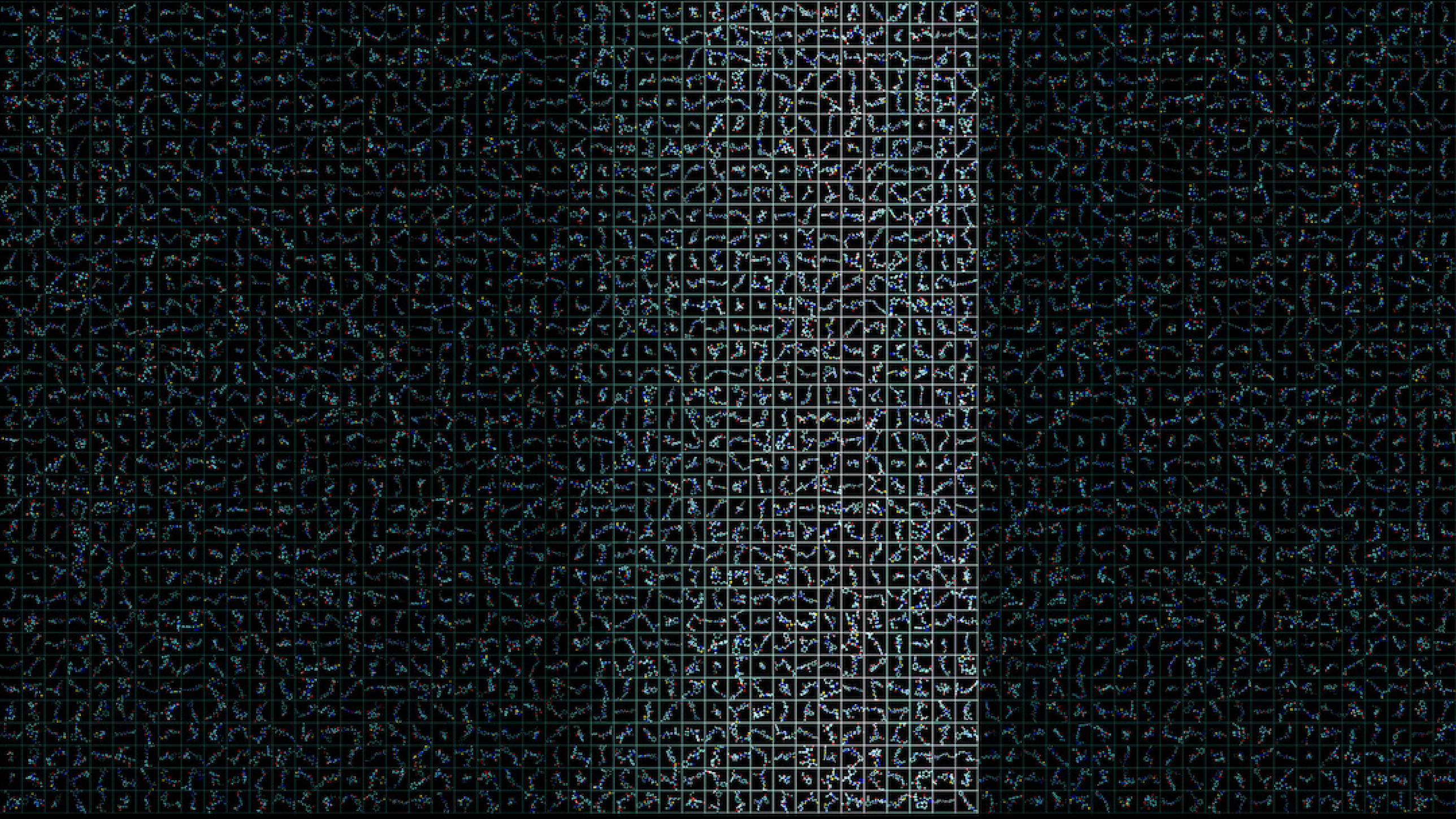


GPU

CPU

TRITON INFERENCE SERVER

Any Model
Any Framework
Any Service Requirement
CPU or GPU



THOUSANDS OF COMPANIES DOING COOL THINGS WITH NVIDIA AI

Analyze 225K
Network Events per Second

BEST BUY

Accurately Detect Diseases
in 145M Hearts per Year

GE Healthcare

Identify Trends in over 300B Pins
for Better Search Results

Tasteful Recommendations
from 600K Restaurants

Postmates

Personalized Playlists
for over 345M Listeners

Spotify®

Award-Winning Customer Care
Using Real-Time ASR

T-Mobile™

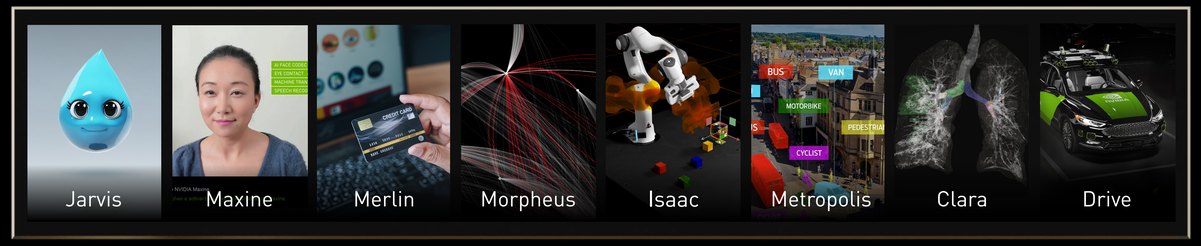
Real-Time Analytics
on 7B Packages per Year

UNITED STATES POSTAL SERVICE

Intelligent Search with SOTA NLU
for 1.2B Users

WeChat

ANNOUNCING NVIDIA AI ENTERPRISE PLATFORM



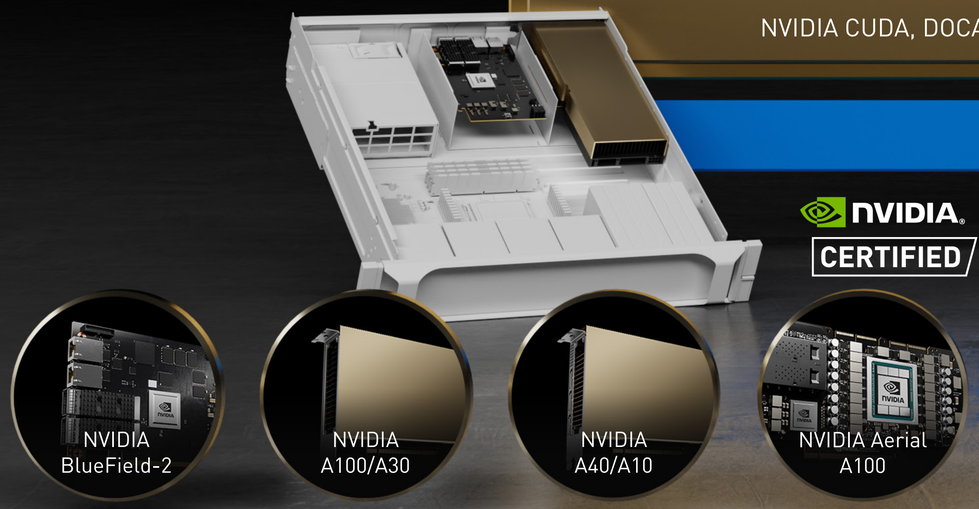
NVIDIA AI ENTERPRISE

NVIDIA GPU CLOUD REGISTRY

cuIO | cuDF | cuDNN | cuML | cuGraph | TAO | TensorRT | Triton

NVIDIA CUDA, DOCA, vGPU, Magnum IO, **Aerial 5G**, **Morpheus**

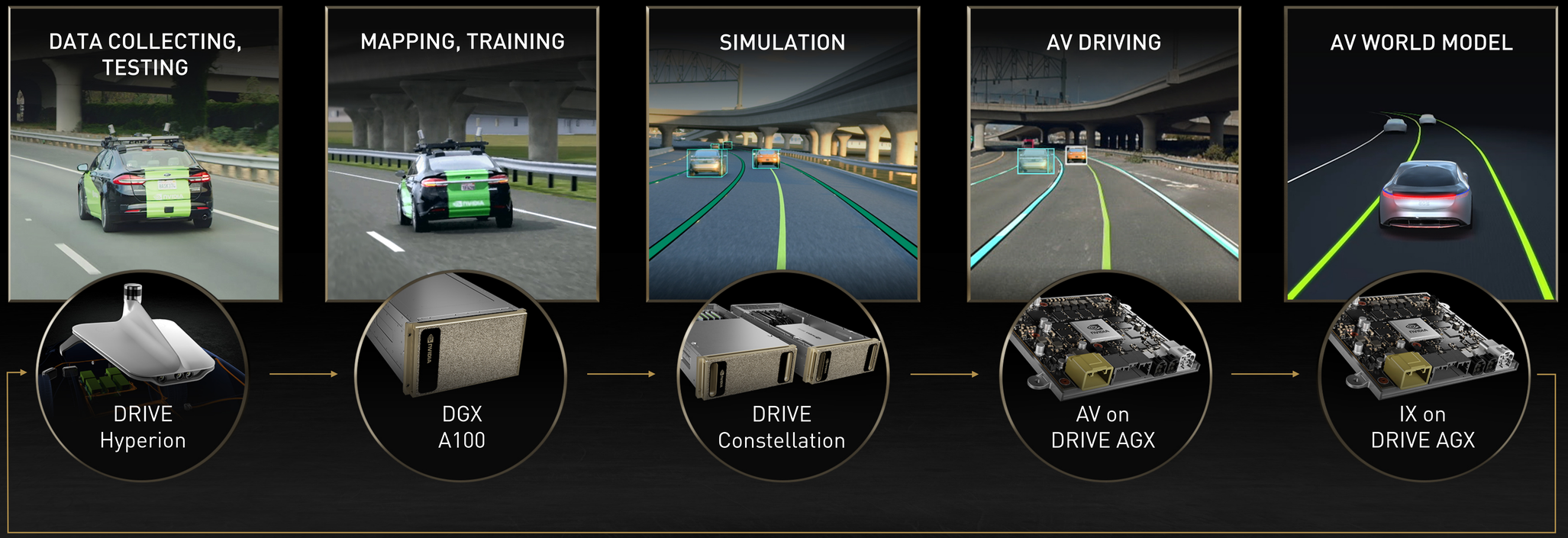
VMware vSphere



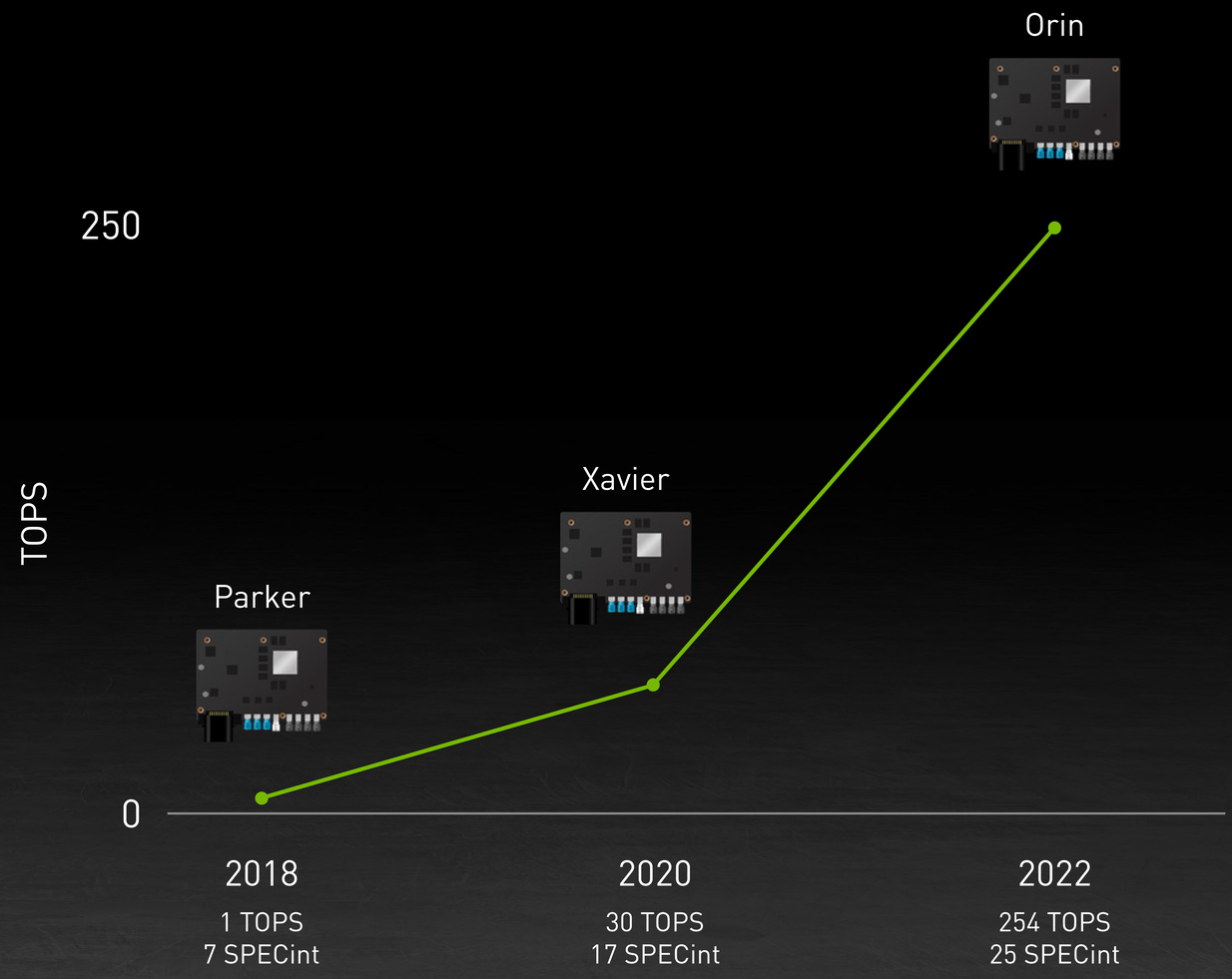
NVIDIA CERTIFIED

Atos · DELL Technologies · FUJITSU · GIGABYTE · H3C · hp · inspur · Lenovo · QCT · SUPERMICRO

NVIDIA DRIVE AV



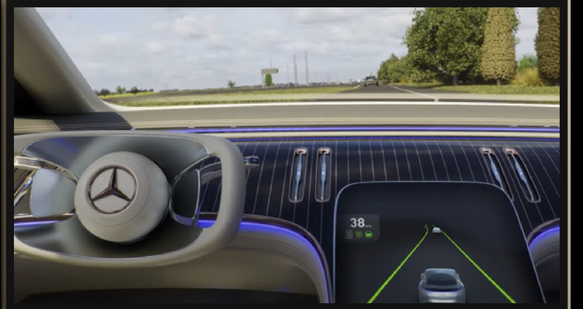
TOPS IS THE NEW HORSEPOWER



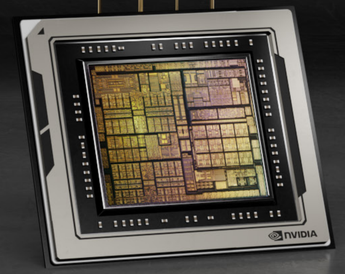
SPECrate2017_int

ANNOUNCING ORIN CENTRAL COMPUTER

1 Chip – 4 Domains

CLUSTER	INFOTAINMENT	PASSENGER INTERACTION & MONITORING	AV WITH CONFIDENCE VIEW
			
FUSA Graphics	Entertainment Graphics & Multimedia	FUSA CV, AR, & Conversational AI	FUSA CV & AR
OS #1	OS #2	OS #4	OS #3

ORIN VEHICLE COMPUTER



- Centralized & Software Defined
- Tightly Integrated with AV Applications
- Containerized & Easy to Upgrade
- SOTA Security and Functional Safety

ANNOUNCING

HYPERION 8 AV PLATFORM

State-of-the-Art Advances for Data Collection, Development and Testing

2x Orin AV Computer

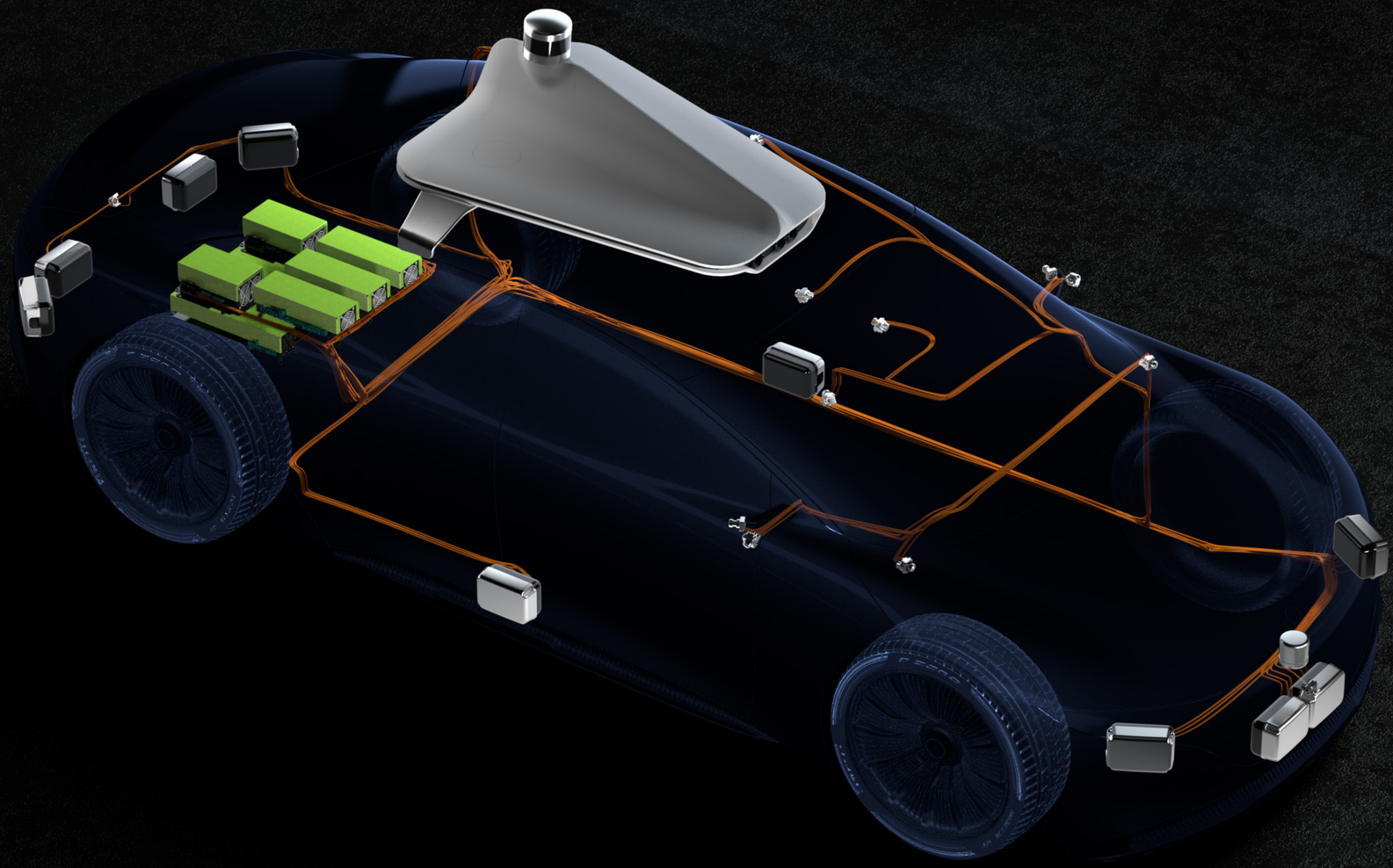
1x Orin IX Computer

4x Orin + 4x MLNX 3D GT Data Recorder

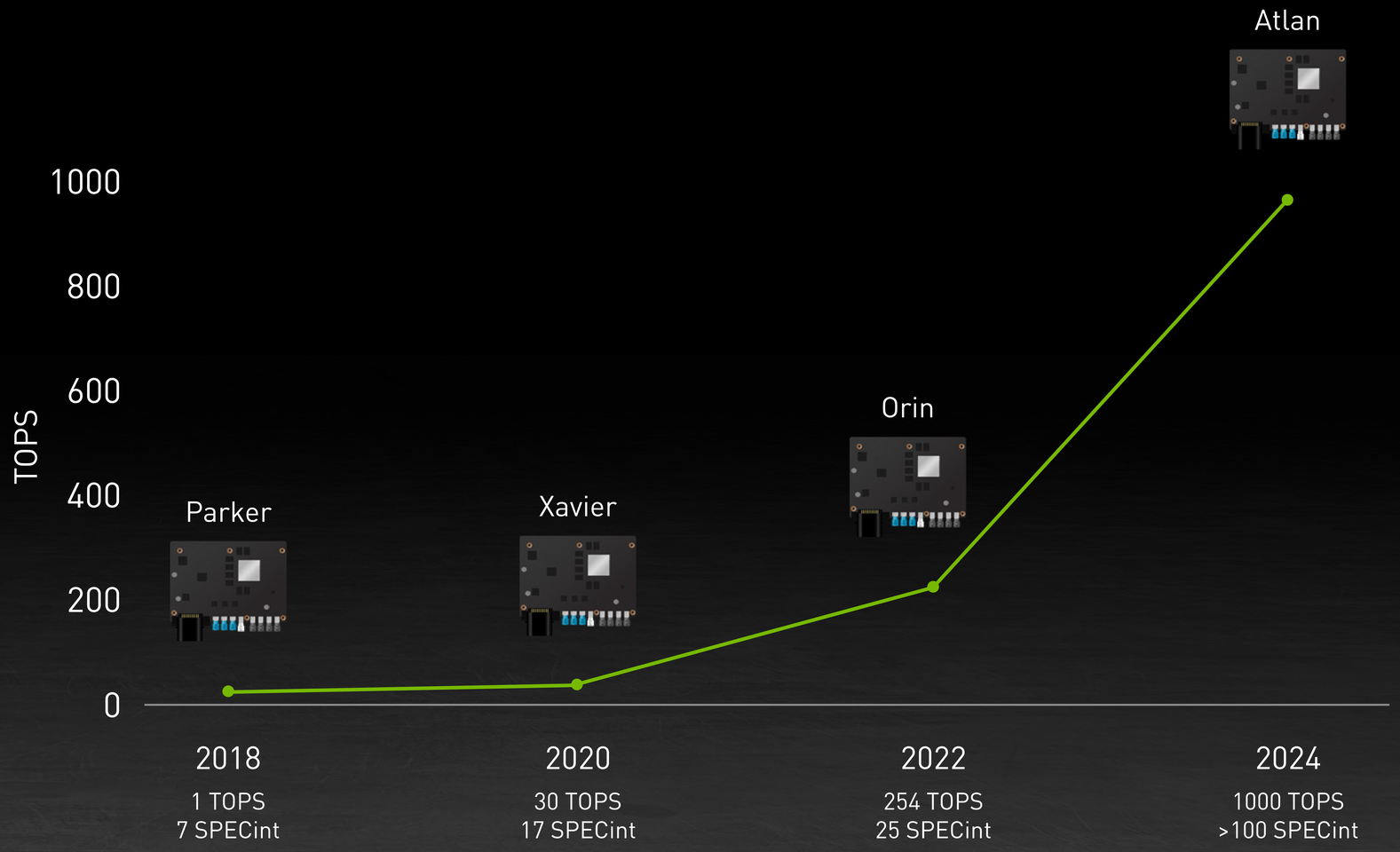
Sensor Suite: 8 Cameras (8MP), 4 Fisheyes (3MP), 3 In-Cabin, 9 Radar, 2 Lidar

Source Access to AV & IX Software Repository

OTA Ready



TOPS IS THE NEW HORSEPOWER



SPECrate2017_int

ANNOUNCING

NVIDIA DRIVE ATLAN

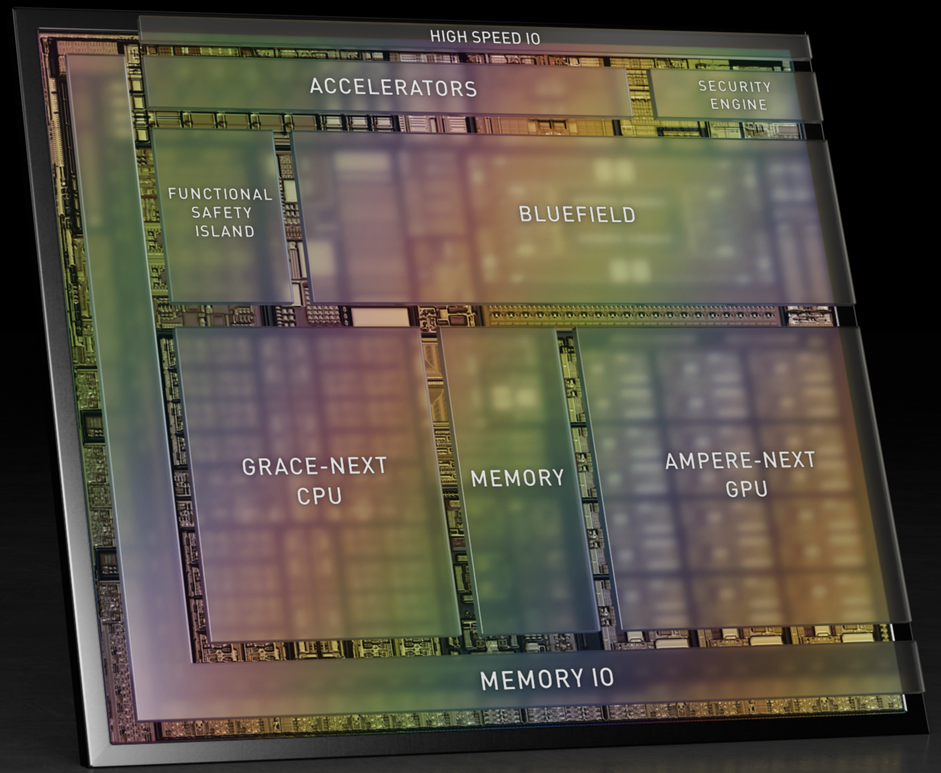
The Next Level – Same Programmable Architecture

Fusing Next Generation AI and BlueField

Industry's First 1,000 TOPS SoC

400 Gbps Networking with Secure Gateway

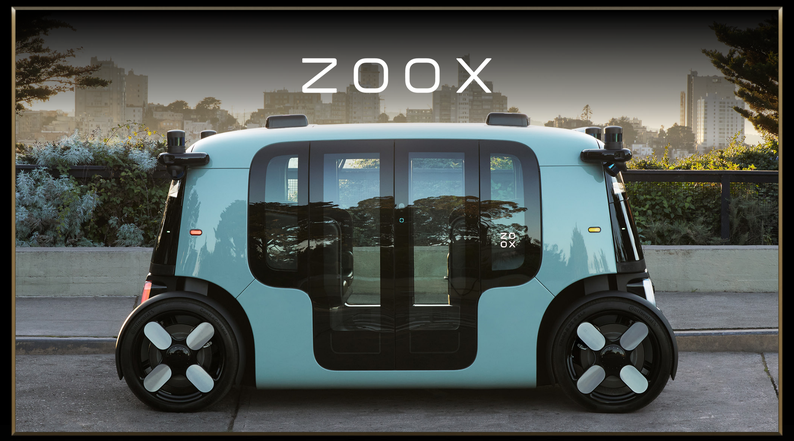
ASIL-D Safety Island



A NEW BREED OF TECHNOLOGY COMPANIES

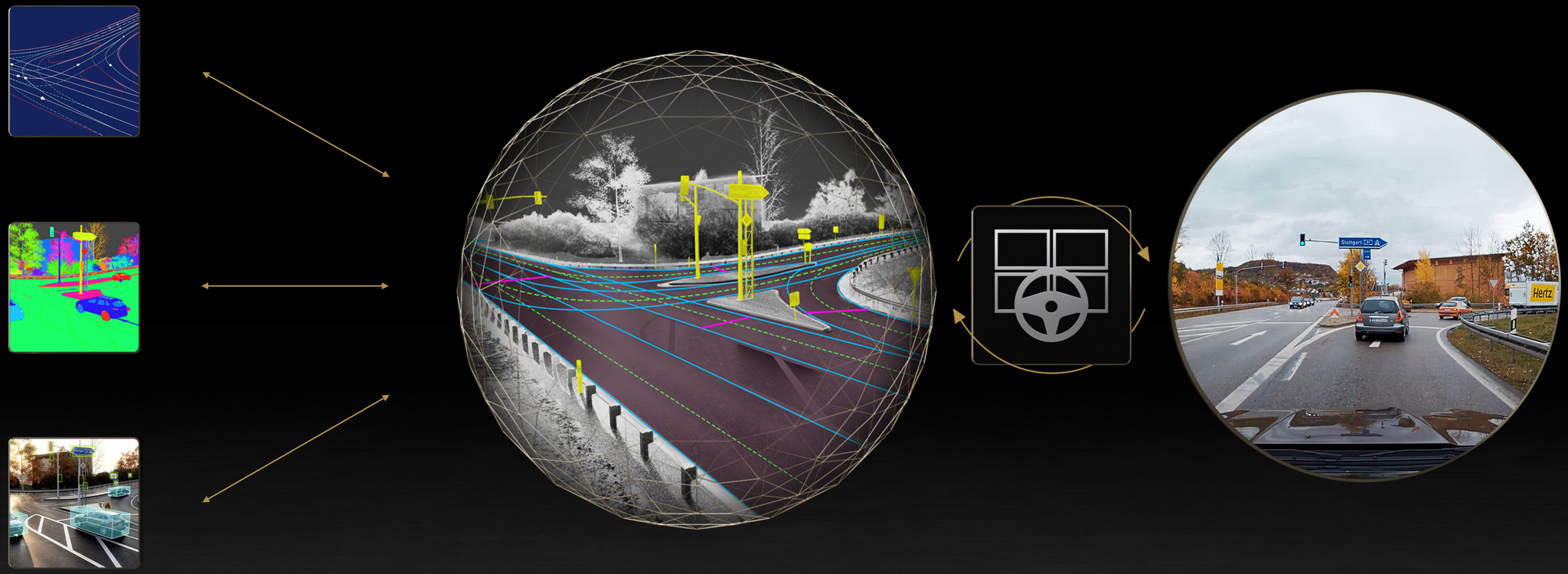
THE WORLD'S BIG BRANDS HAVE GIANT OPPORTUNITIES

TRANSFORMING 10 TRILLION MILES A YEAR INTO A SERVICE



THE INTERNET OF ATOMS

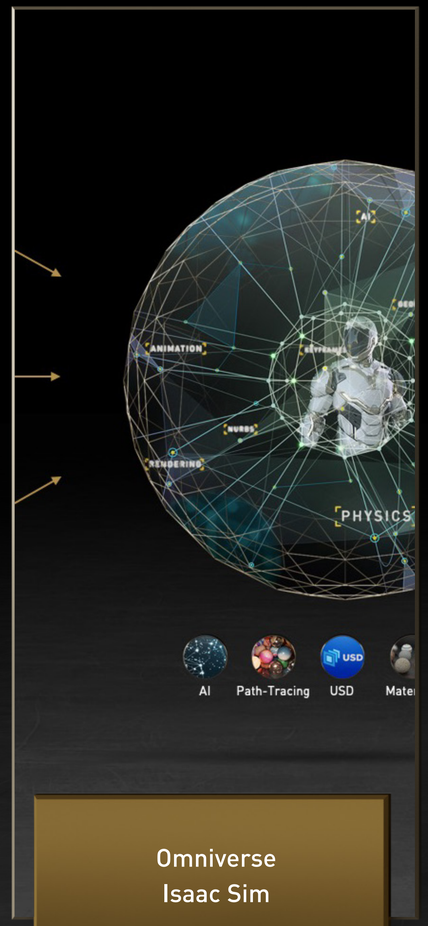
NVIDIA DRIVE DIGITAL TWIN IN OMNIVERSE



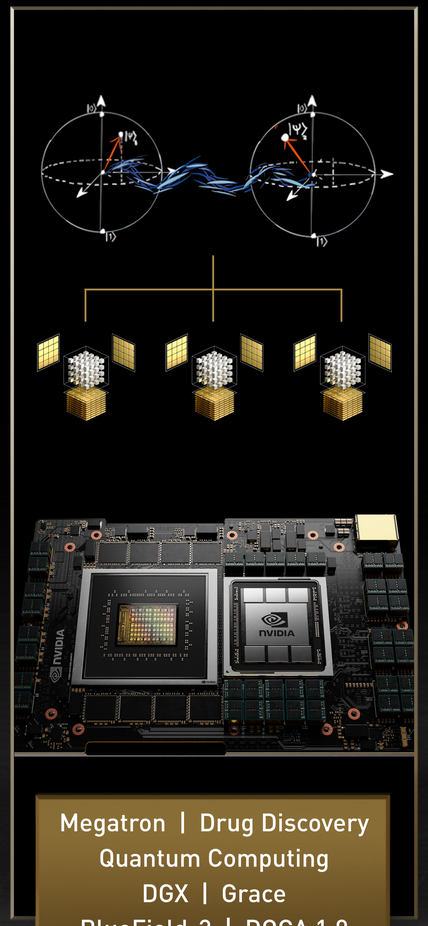
ANNOUNCING NVIDIA DRIVE SIM POWERED BY OMNIVERSE


RTX Real-time
VISION
EQS

NEW NVIDIA TECHNOLOGIES



Omniverse
Isaac Sim



Megatron | Drug Discovery
Quantum Computing
DGX | Grace
BlueField-3 | DOCA 1.0

Jarvis | Merlin
Maxine | Morpheus
NVIDIA AI
EGX Aerial 5G

DRIVE Sim
Hyperion 8
Atlan
Orin


PRODUCT OF ITALY
TRAIN | ADAPT | OPTIMIZE
Here we are
TAO
EXTRA VIRGIN
OLIVE OIL
Mado olive oil is luxury you can drizzle. Punchy and fresh, it's made from 100% Italian olives, all picked by hand and pressed the same day. It's an olive oil so tasty it can spirit any dish straight to gastronomic heaven.
Also try our olive oil crushed with fresh lemons
Produced in Italy for Mado Ltd London UK


NVIDIA