

DELL TECHNOLOGIES PARTNER PROGRAM

# HEROES



# Heroes Webinar – “NVIDIA & Dell: Better Together”



- This call is being recorded. Both the material and the recording will be made available afterwards



- We recommended that you use the Zoom application to view this session as polls may not function correctly if you are viewing via a browser



- Please raise any question in the Q&A



- There will be an opportunity to provide feedback via a poll at the end; your feedback helps us improve these sessions in the future



- Please also opt-in in Partner Preferences page (to ensure that you receive further information and invites to upcoming sessions)

THANKS FOR YOUR GREAT  
PARTNERSHIP

The Intel logo, featuring a small blue square above the letter 'i' in the word 'intel'.The NVIDIA logo, consisting of a green eye-shaped icon followed by the word 'NVIDIA' in bold black letters.The VMware logo, featuring the word 'vmware' in a lowercase, grey, sans-serif font.The Brocade logo, with the word 'BROCADE' in bold black letters and a red stylized 'B' icon to the right. Below it, the text 'A Broadcom Company' is written in a smaller, grey font.The Microsoft logo, featuring the four-color square icon (red, green, blue, yellow) followed by the word 'Microsoft' in a grey, sans-serif font.

# NVIDIA & Dell: Better Together

**Bob Crovella**

Director Solutions Architecture - NALA

**DELL**Technologies





# NVIDIA

## GRAPHICS

## AI/HPC



VDI



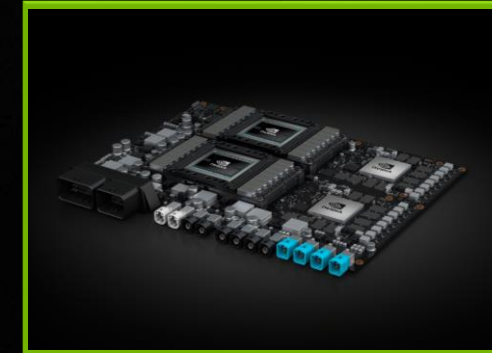
DESIGN



CGI



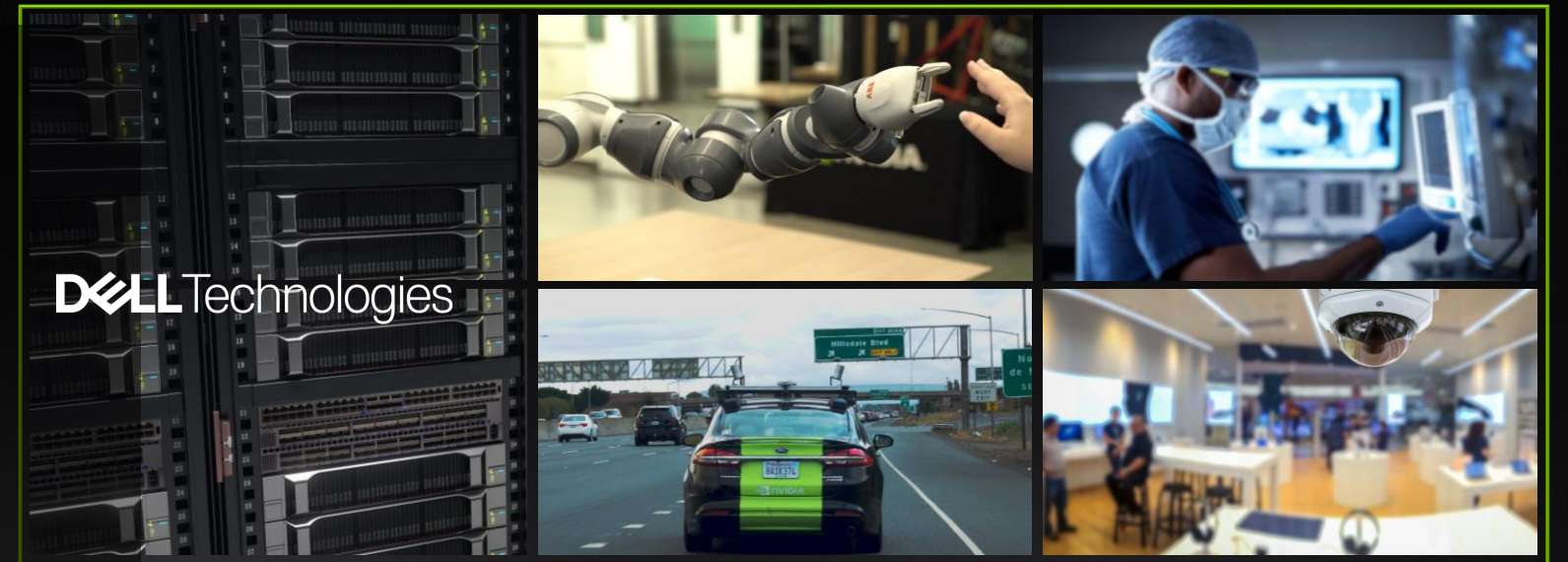
AI INFRASTRUCTURE



IOT, AV & ROBOTICS



AI FOR INDUSTRIES



# VDI & vGPU 101

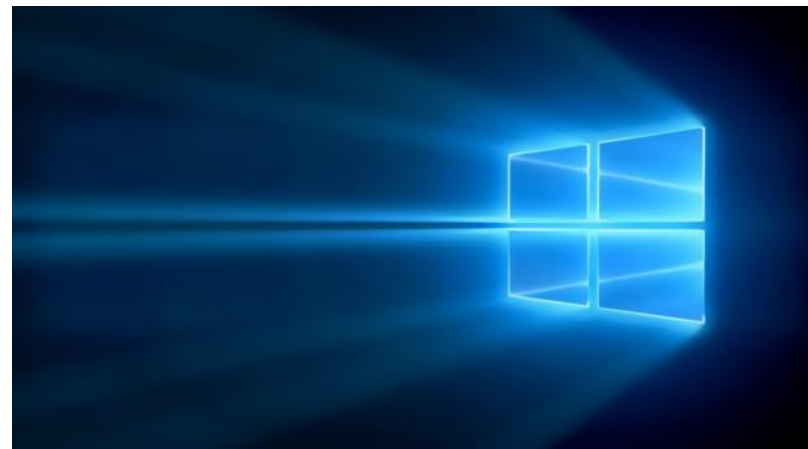
Why it matters, more than ever in the “new normal”





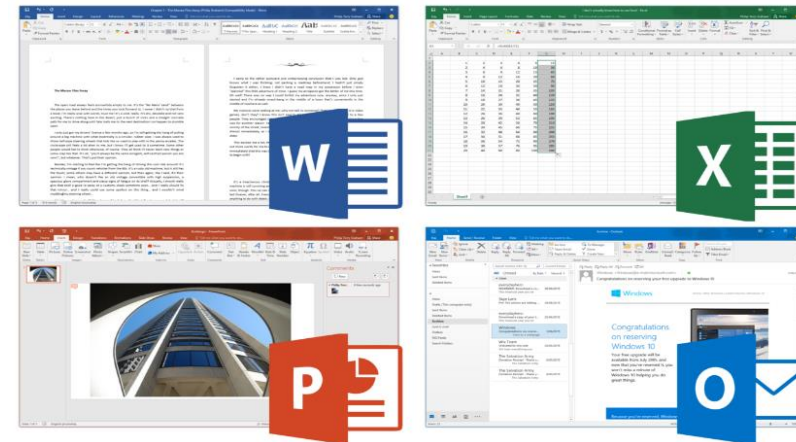
# THE NEW DIGITAL WORKER

## They Way we Work is Changing



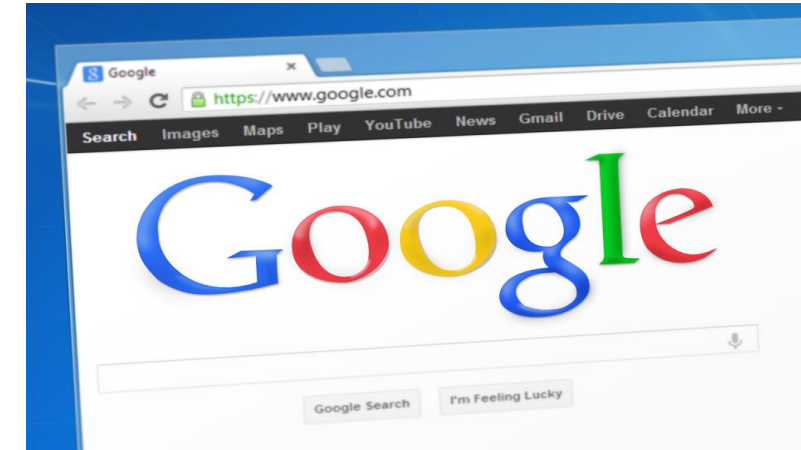
### Windows 10

32% increase in CPU requirement over Windows 7<sup>1</sup>



### Office 365/Office 2016

50-85% increase in CPU requirements over Windows 7<sup>1</sup>



### Web Browsers

Modern browsers are hardware accelerated by default



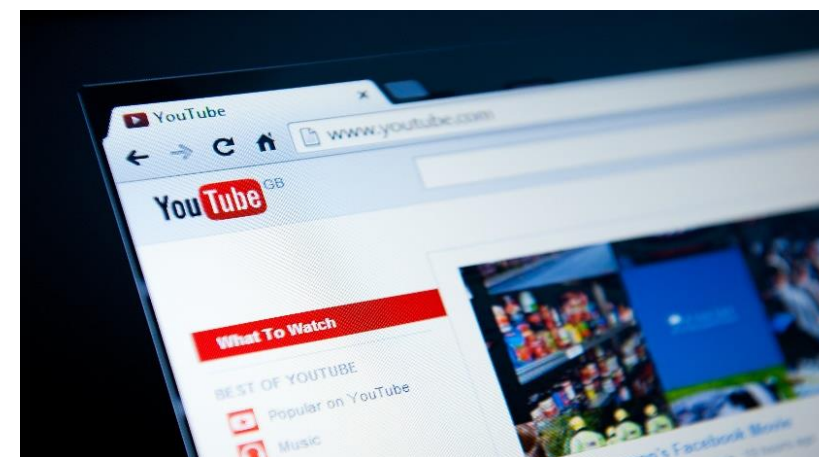
### Latest Web Standards

Flash, HTML5, and WebGL are all very taxing to the CPU



### PDF Viewers

Adobe® Acrobat® and Microsoft Edge are hardware accelerated by default



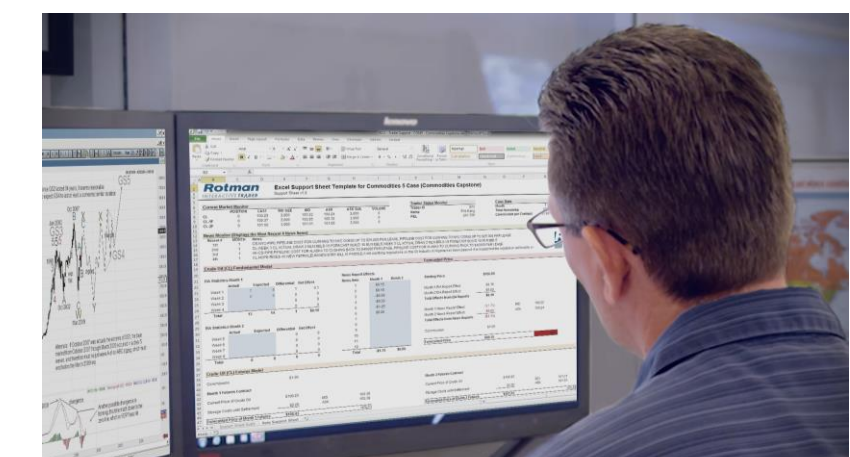
### Collaboration and Video

Skype and YouTube are now prevalent across the enterprise



### Digital Imaging & Design

Some features in Adobe® Photoshop® won't work without a GPU<sup>2</sup>

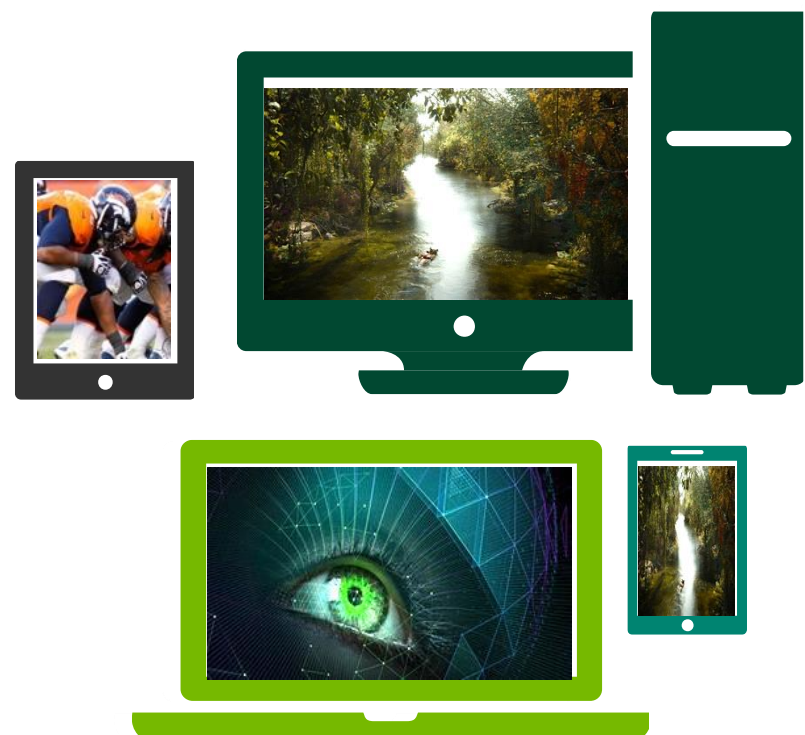


### Multi-, High Res Monitors

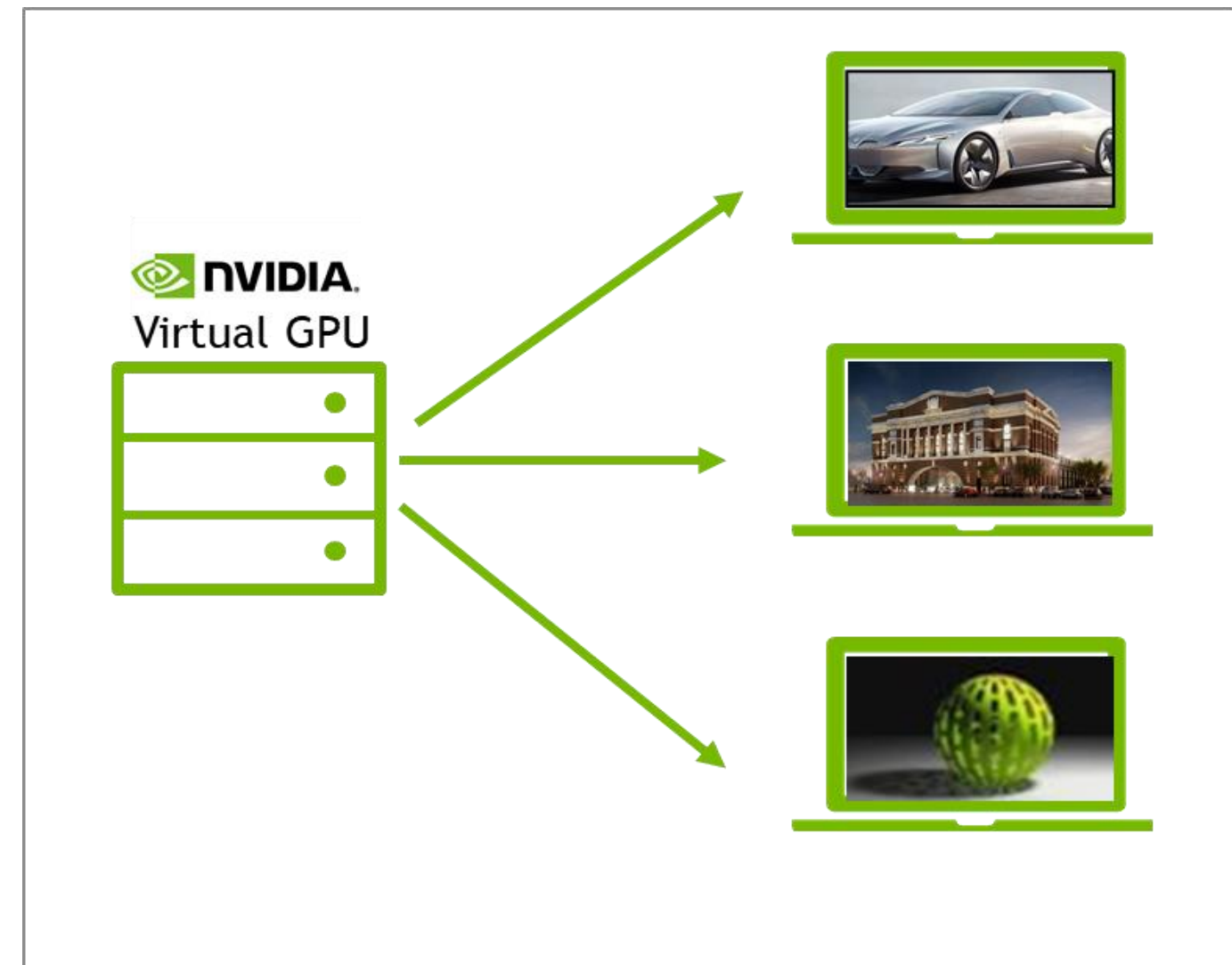
Multi-monitors is the new normal and 4K is becoming mainstream

# PERFORMANCE FROM THE DATA CENTER

## NVIDIA Virtual GPU Technology Delivers Graphics Accelerated Virtual Desktops and Applications

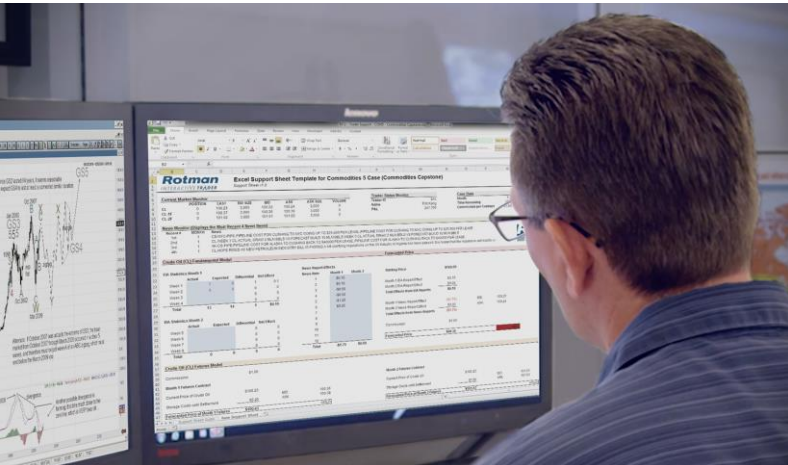

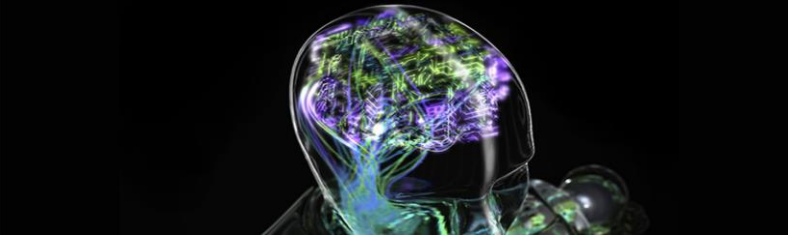


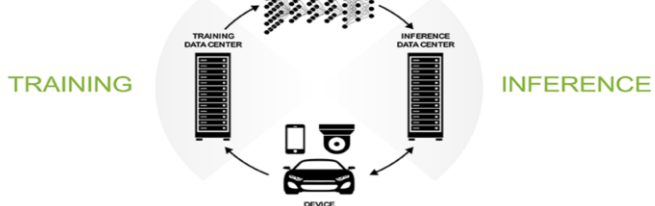


All devices have graphics



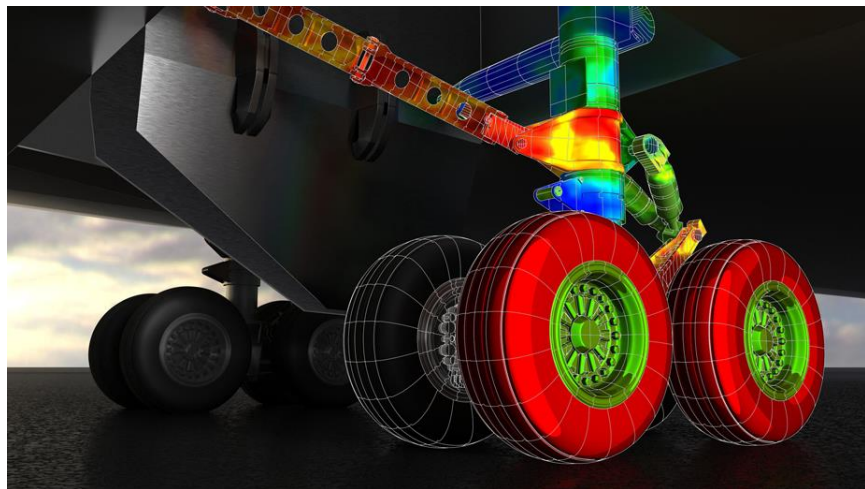
Virtual machines also need a GPU

# EXPANDING THE NVIDIA VIRTUAL GPU PORTFOLIO

Use Case			
Compute Type	 Knowledge Worker	 Creative & Technical Professional	
Virtual GPU Software Edition	Client Computing GRID Virtual PC GRID Virtual Apps	Client Computing RTX Virtual Workstation	AI, Deep Learning, & HPC
Recommended GPU	NVIDIA T4/A40/A16	NVIDIA T4/A10/A40	Server Workloads <b>vComputeServer</b> (Not for vSphere)
	NVIDIA A100/A30		

# THE MOST POWERFUL VIRTUAL WORKSTATION

RTX vWS accelerates & streamlines professional workflows anywhere



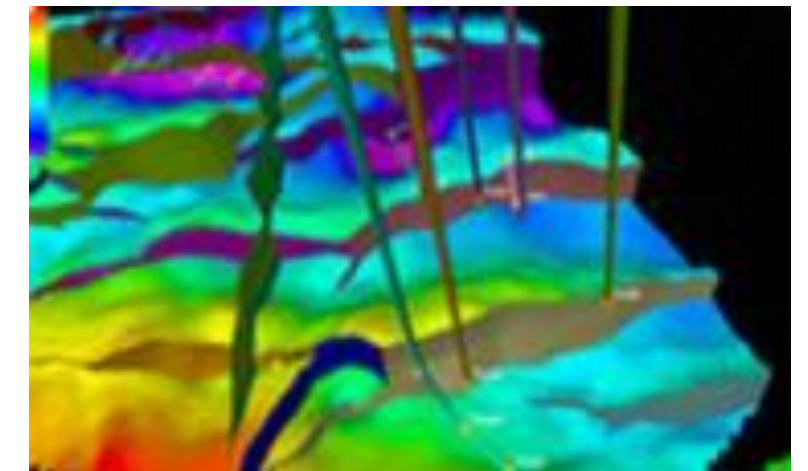
Manufacturing



Architecture



Medical Imaging



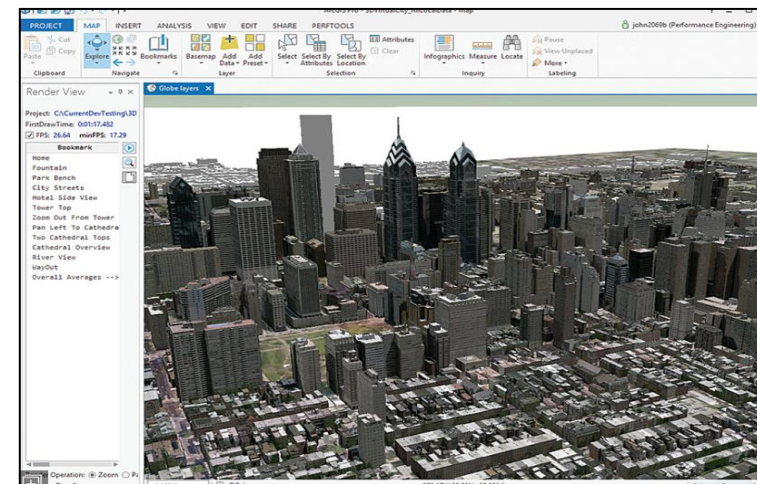
Energy



Video Editing



Photorealism



Mapping & Analytics



Simulated Training

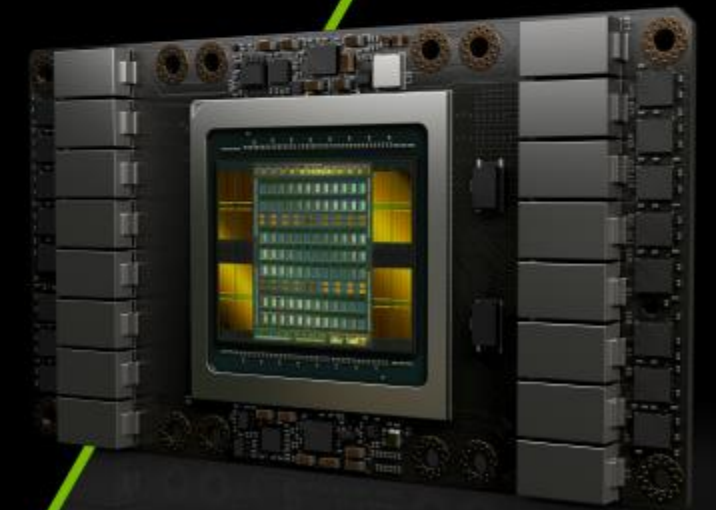
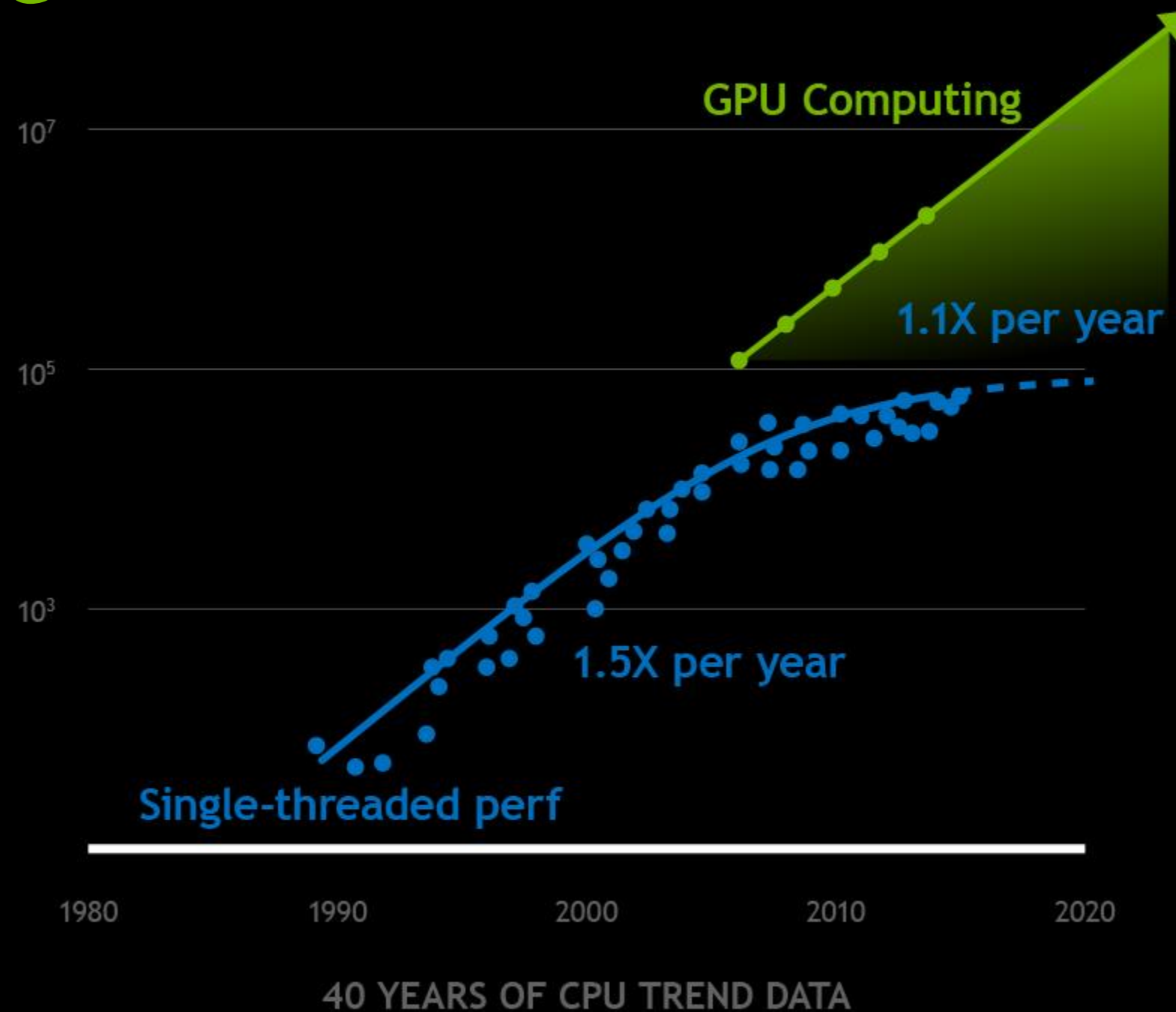
# GPU Compute

HPC, AI and beyond..

The Dell EMC logo, featuring the word "DELL" in a stylized font with a diagonal line through the "E", followed by "EMC" in a standard sans-serif font.

# THE TIME HAS COME FOR GPU COMPUTING

For 30 years, the dynamics of Moore's law held true. Microprocessor performance advanced at a rate of 50 percent per year as more and more transistors were fit onto a single chip. But that approach is hitting the limits of semiconductor physics, and, today, CPU performance only grows by 10 percent per year. NVIDIA GPU computing has given the industry a path forward — and will provide a 1,000X speed-up by 2025.



# LARGE OPPORTUNITY FOR AI TO TRANSFORM EVERY INDUSTRY

Demand for Fast, Easy Inference Deployment Greater than Ever

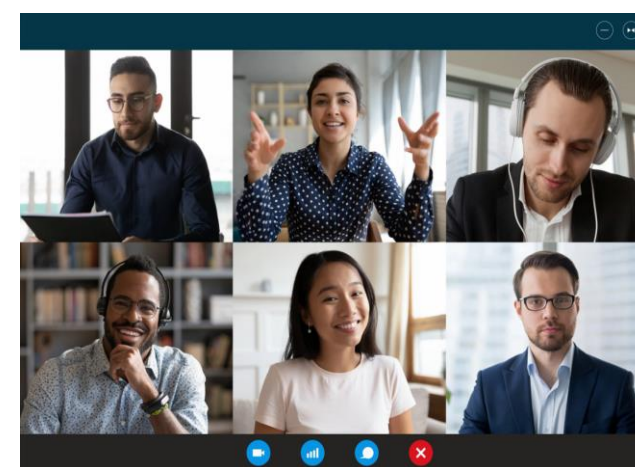
**CREDIT CARD FRAUD**  
1.28B Credit Transactions / Day



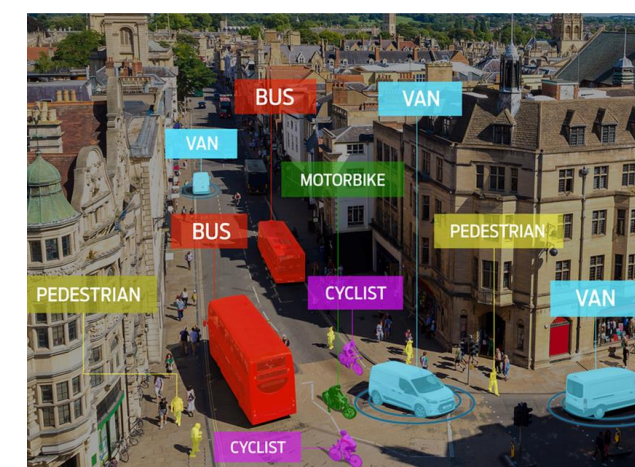
**CONTACT CENTER AI**  
500M Calls / Day



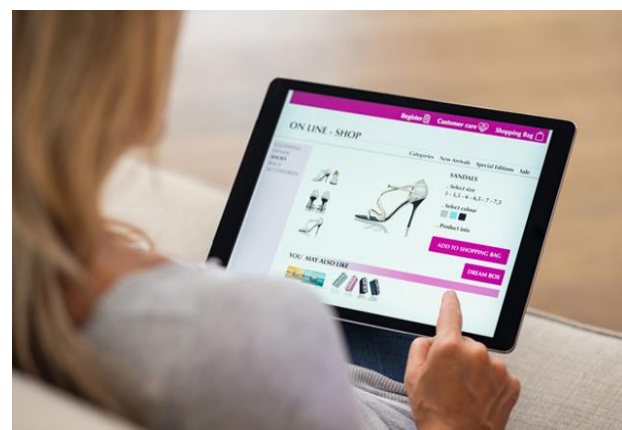
**MEETING TRANSCRIPTION**  
3B Meeting Minutes / Day



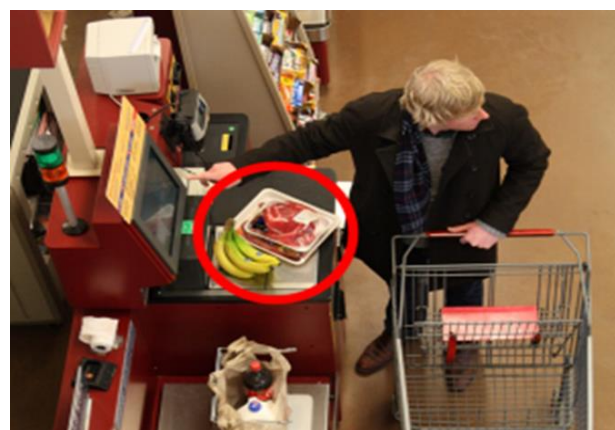
**PUBLIC SAFETY**  
> 1B Smart City Cameras Deployed



**PRODUCT RECOMMENDATIONS**  
1B E-commerce Visitors / Day



**RETAIL ASSET PROTECTION**  
\$275M Inventory Loss / Day



**MEDICAL IMAGING**  
10M Diagnostic Scans / Day



**INDUSTRIAL INSPECTION**  
32M Vision Sensors Installed by 2025



# DEEP LEARNING APPLICATION DEVELOPMENT

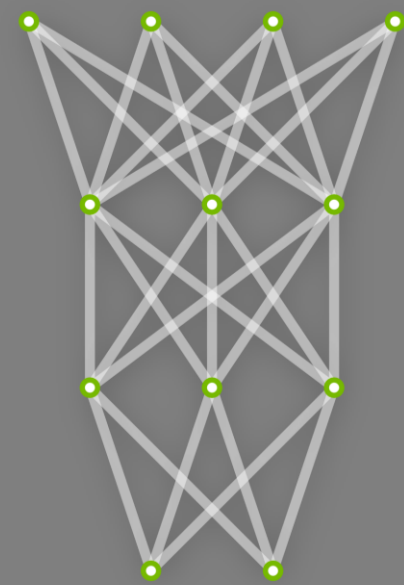
## TRAINING

Learning a new capability from existing data

## INFERENCE

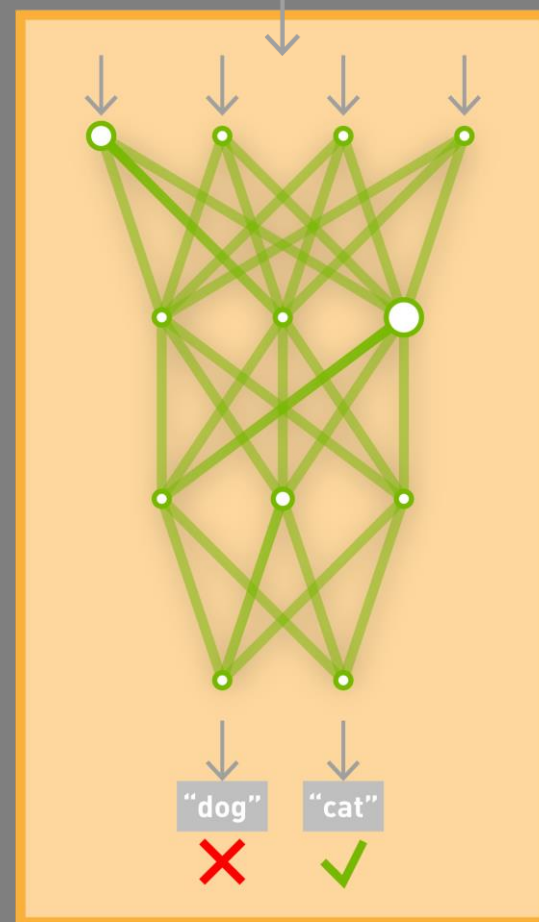
Applying this capability to new data

Untrained Neural Network Model

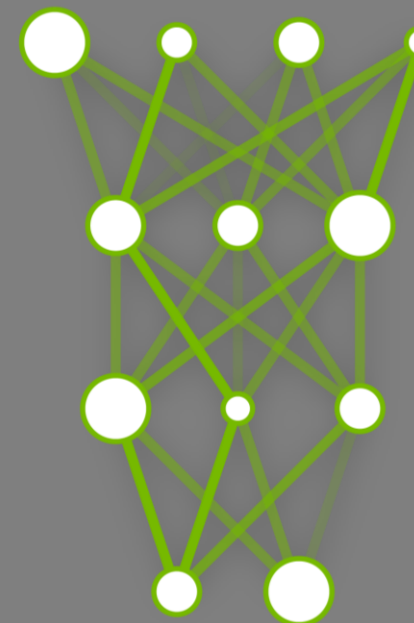


Deep Learning Framework

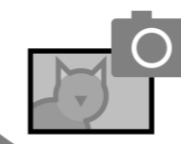
TRAINING DATASET



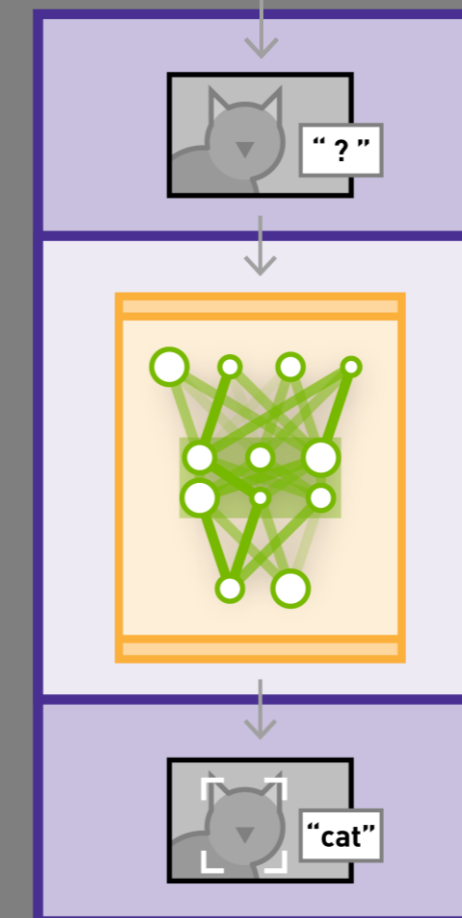
Trained Model  
New Capability



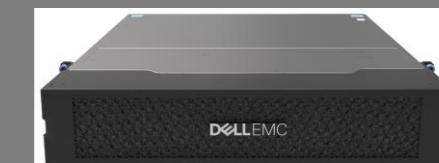
NEW DATA



App or Service  
Featuring Capability







Trained Model  
Optimized for Performance



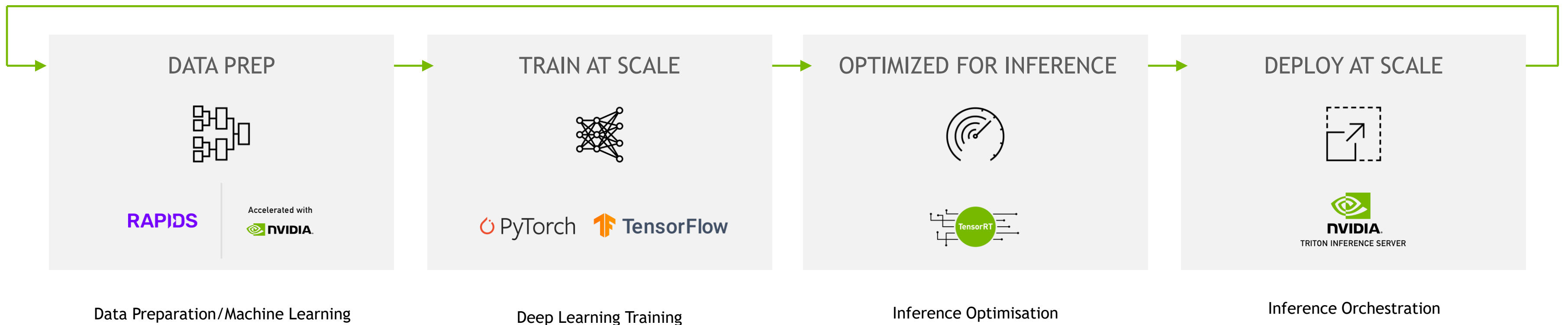
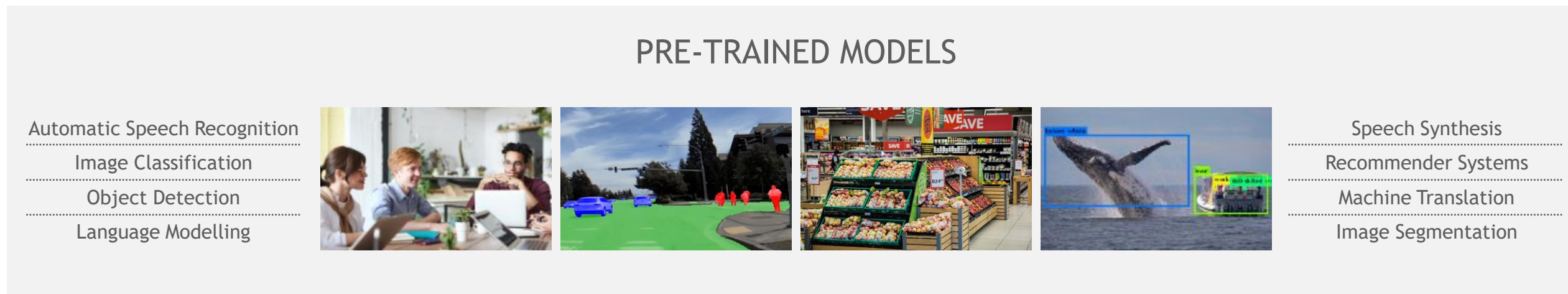


# HOW DL CAN BE APPLIED

INPUTS	BUSINESS QUESTION	AI/DL TASK	EXAMPLE OUTPUTS HEALTHCARE	EXAMPLE OUTPUTS RETAIL	EXAMPLE OUTPUTS FINANCE
	 Text Data  Images   Video  Audio	Is “it” <u>present</u> or not?	Detection	Cancer Detection	Targeted ads
What <u>type</u> of thing is “it”?		Classification	Image Classification	Basket Analysis	Credit Scoring
To what <u>extent</u> is “it” present?		Segmentation	Tumor Size/Shape Analysis	Build 360° Customer View	Credit Risk Analysis
What is the likely outcome?		Prediction	Survivability Prediction	Sentiment & behavior recognition	Fraud Detection
What will satisfy the objective?		Recommendations	Therapy Recommendation	Recommendation Engine	Algorithmic Trading
What is the speaker saying?		Natural Language Processing	Expert diagnosis	Virtual personal assistants	Robo Advisors

# NVIDIA END-TO-END AI SOFTWARE STACK

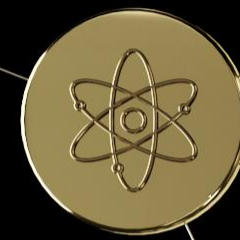
## Deep Learning Streamlined From Conception to Production at Scale



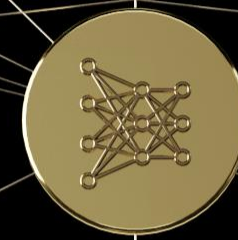


APPLICATION FRAMEWORKS

PLATFORM



NVIDIA HPC



NVIDIA AI



NVIDIA OMNIVERSE

SYSTEM SOFTWARE



RTX



CUDA-X



PHYSX



UCF



DOCA



MAG



BASE  
CMD



FLEET  
CMD



AERIAL

HARDWARE



RTX



DGX



HGX



EGX



OVX



SUPER  
POD



AGX



GPU



CPU



DPU



NIC



SWITCH



SOC

Full Stack. Data Center Scale  
2,700 Accelerated Applications  
450 SDKs, AI Models

30 Million CUDA Downloads  
3 Million Developers



```
Terminal  
.../models/desktop/desktopstream...  
.../apps/sample_app/desktopstream...  
.../samples/models/primary...  
lib_caffe_node_34_1410_engine Batch  
****  
Running...  
FPS For the Last 300 Batches: 22.79  
FPS For the Last 300 Batches: 25.00  
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TruSight Camera



# Poll

Deep Learning is a subset of Machine Learning? True or False?



# NVIDIA Certified Systems

# NVIDIA AI for Enterprise

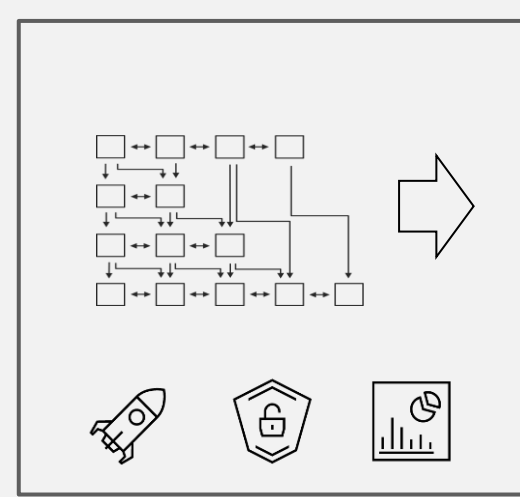
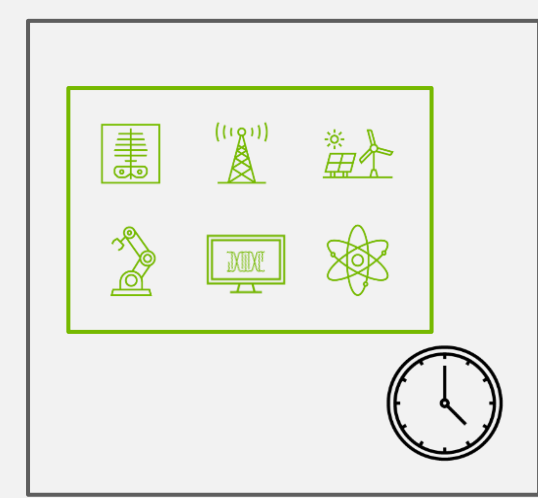
**Beyond compatible, and AI for VMware**



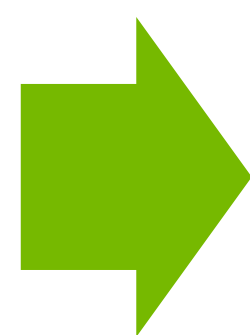
# A NEW APPROACH TO ENTERPRISE AI

Almost half of AI projects never make it to production<sup>1</sup>

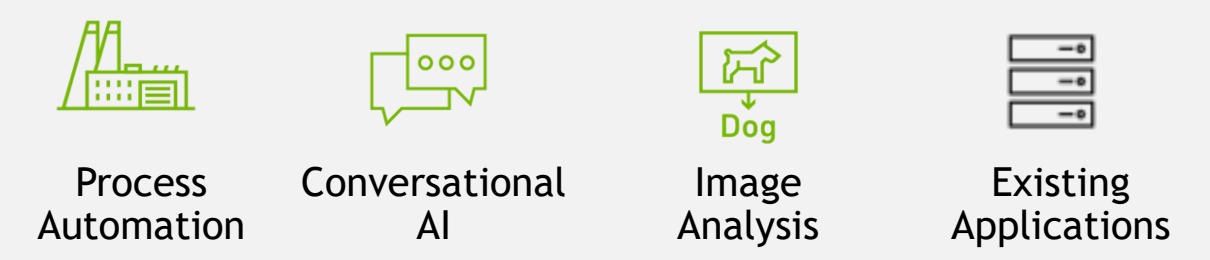
**Increasing Complexity**  
32% of IT professionals rate increasing data complexity & data silos as a top barrier to AI adoption<sup>2</sup>



**Lack of tools & platforms for AI**  
28% of IT professionals rate lack of infrastructure a top barrier to AI adoption<sup>2</sup>



An integrated solution for streamlined development and deployment



AI Tools and Frameworks

Management & Orchestration

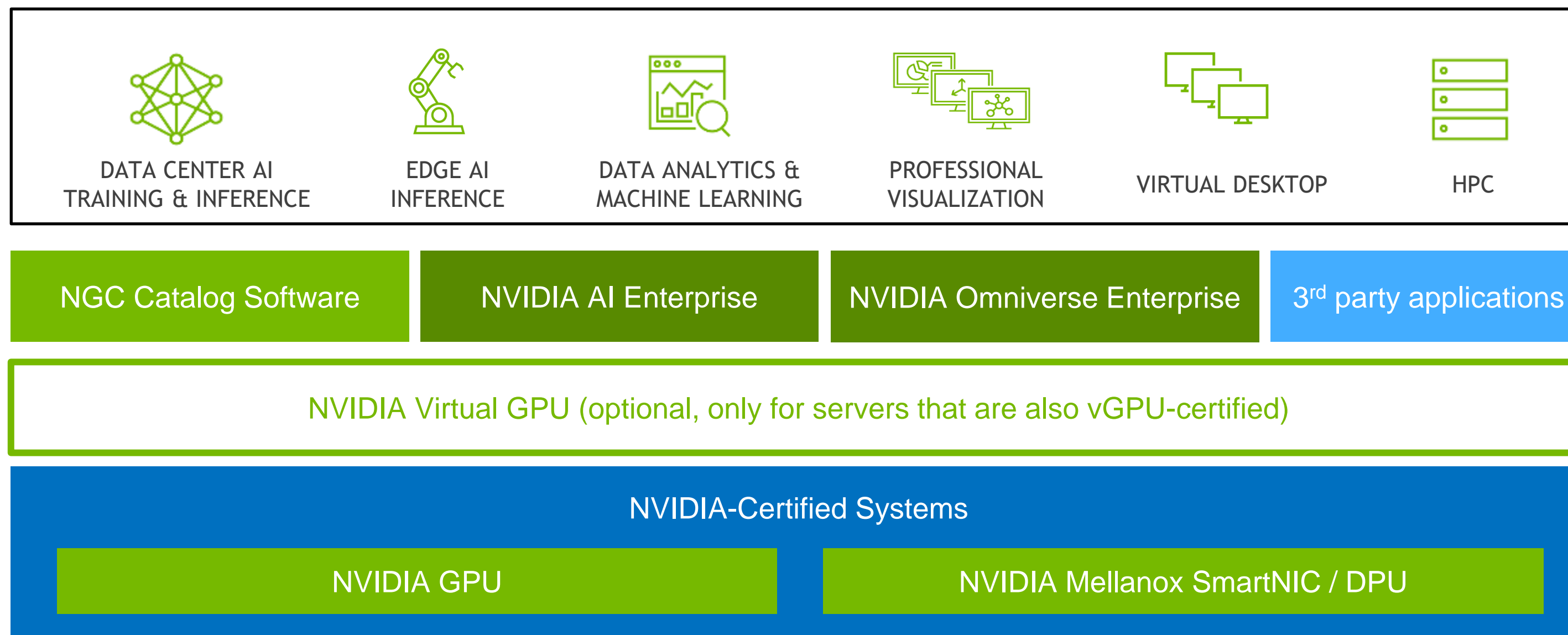
Accelerated Mainstream Systems

Source:1. Gartner "P-19019 AI in Organizations", Claudia Ramos, Erick Brethenoux, 2020;  
2. IBM, "Global AI Adoption 2021"



# BROAD WORKLOAD APPLICABILITY

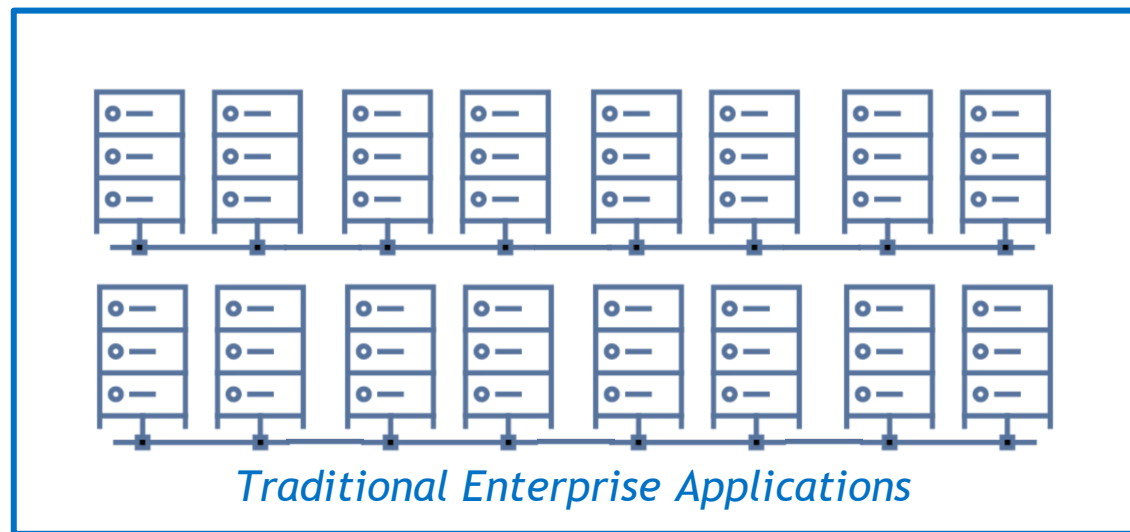
Many commercial and free applications to choose from



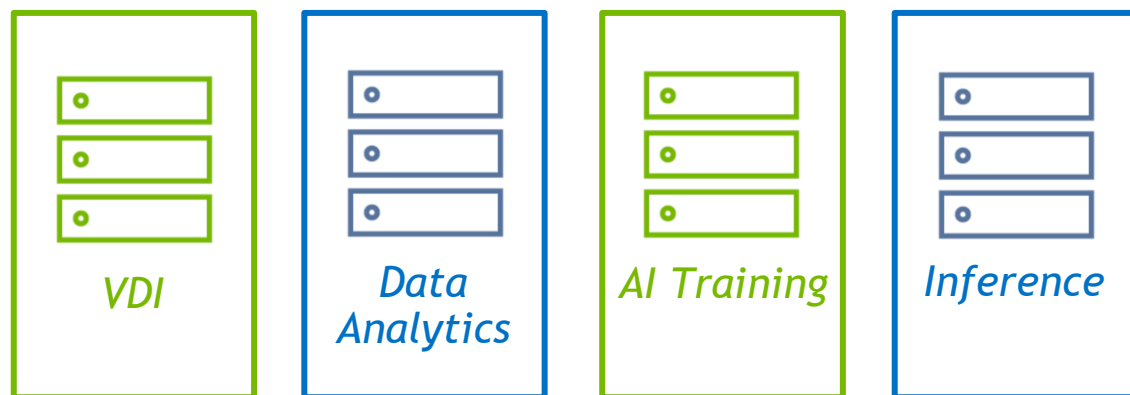
# PATH TO A SIMPLIFIED ACCELERATED DATA CENTER

Prepare for the Future while Driving Down Data Center Costs

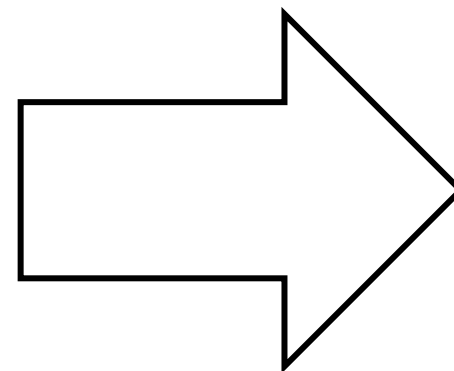
TODAY



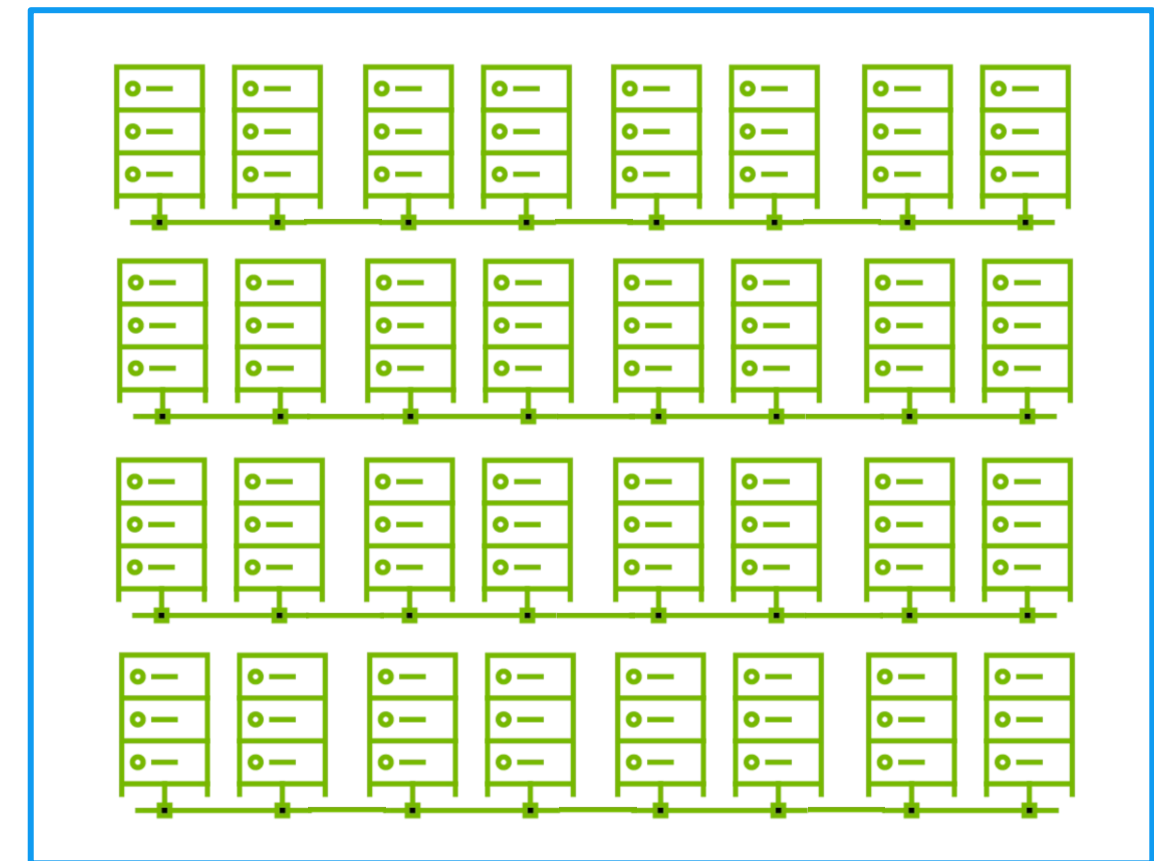
CPU-only Data Center



Single-purpose Silos



TOMORROW



Unified Accelerated Data Center

# NVIDIA-CERTIFIED SYSTEMS

Simplifies Deployment of Accelerated Computing at Scale  
[Qualified Server Catalog | NVIDIA](#)

## System Design Options

NVIDIA GPUs



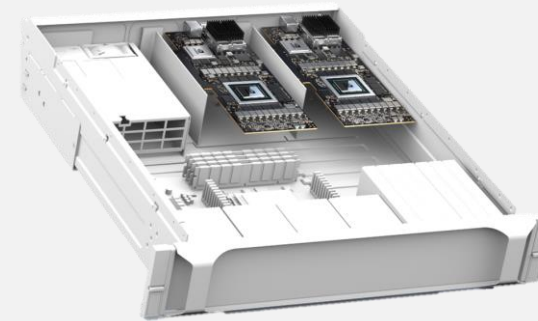
- Ampere-based GPUs
- T4

NVIDIA SmartNICs and DPUs



- ConnectX-6
- ConnectX-6 Dx
- Bluefield-2

Mainstream Servers



- Dell Server Options



Validates the Best Baseline Configuration for



Performance Manageability



Security

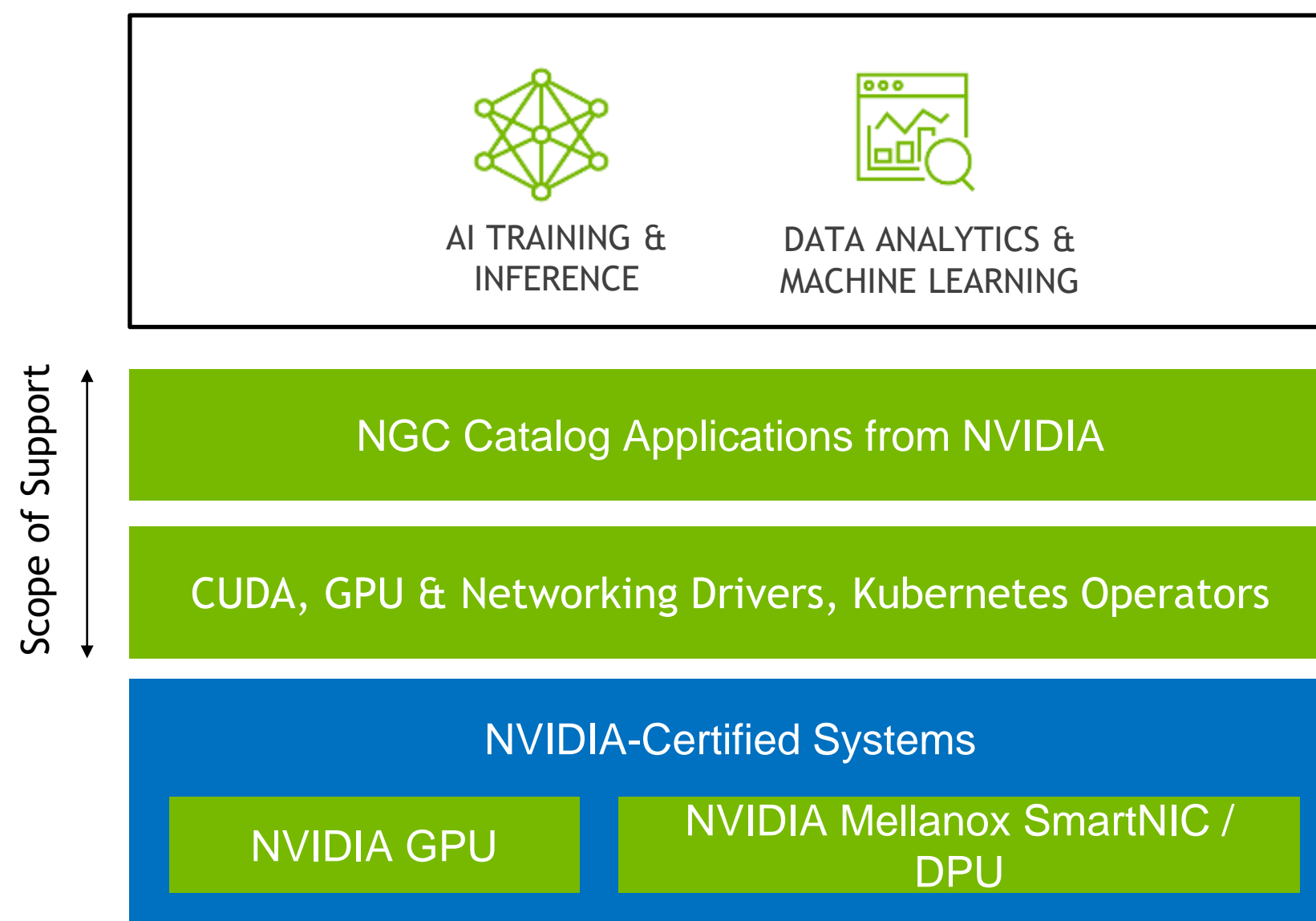
Scalability

# NVIDIA-CERTIFIED SYSTEMS SOFTWARE SUPPORT

For customers running NVIDIA Software from the NGC Catalog

## Enterprise-Grade Software Support

- **Covers Infrastructure and Application software**  
Software developed and published by NVIDIA
- **Minimize System Downtime for IT Managers**  
Software and driver issues
- **Maximize Productivity for Data Scientists**  
Scaling and performance issues
- **Phone, Portal and Email support**
- **Access to the NGC Private Registry**  
Secure, cloud-hosted platform for developers to build collaborate, and deploy faster
- **Available for purchase from partners**  
Charged per system, starting with 3-year term



# AI DEPLOYMENT CHALLENGES



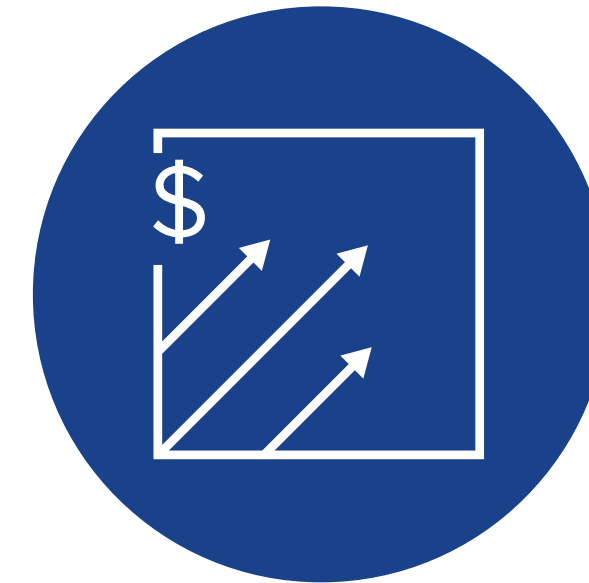
## Risk

- Pulling together piece-parts
- Integrating with existing infrastructure



## Performance

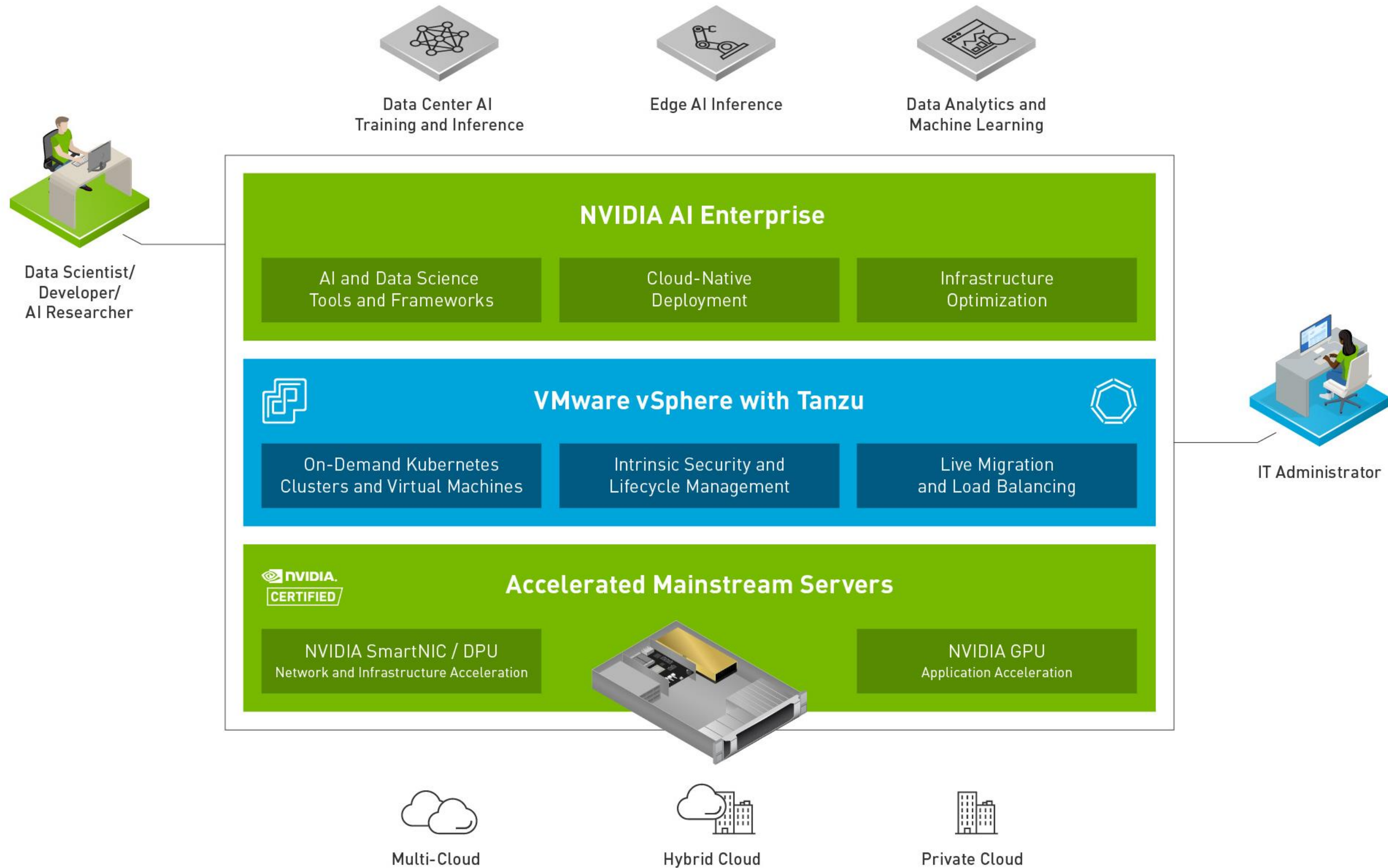
- Compute performance crunching through data
- Time to train models



## Scaling

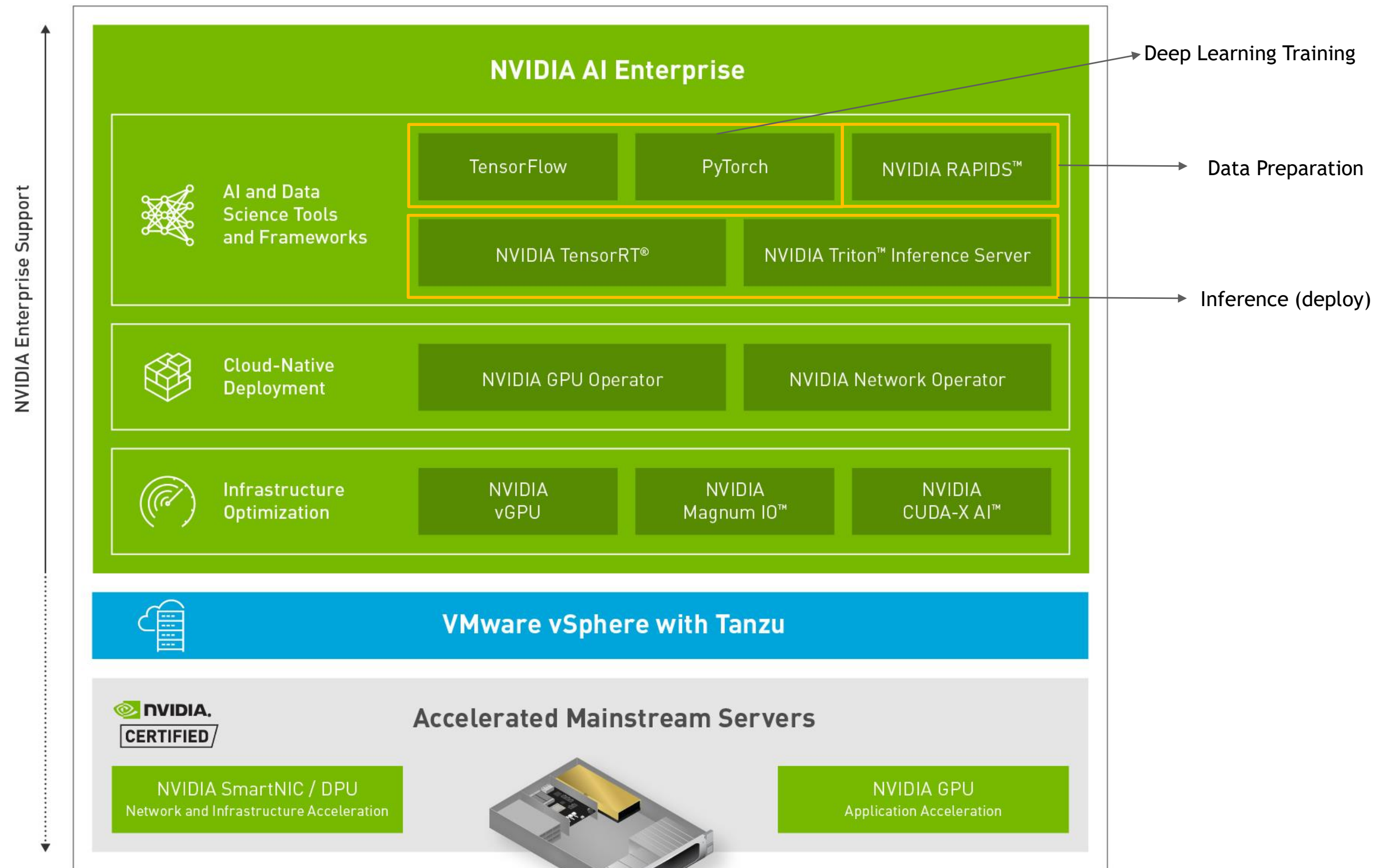
- Sharing GPU resources
- Maintaining manageability and availability

# AI-READY ENTERPRISE PLATFORM



# NVIDIA AI ENTERPRISE SOFTWARE SUITE

Certified on VMware vSphere 7



# RECOMMENDED NVIDIA CERTIFIED SYSTEMS FOR NVAIE

## Mainstream Performance

Dell PowerEdge R750 or R7525

1x NVIDIA A30 GPUs

1x NVIDIA ConnectX-5 25GbE SmartNIC



Solution ID: 14230196.0

## Optimized Performance & Management

Dell EMC VxRail 670F

1 - 2x NVIDIA A100 GPU

1x NVIDIA ConnectX-6 Dx 100GbE SmartNIC



Solution ID: 14770128.0

## Best Performance

Dell PowerEdge R750xa

4x NVIDIA A100 GPUs (optional NVLink bridge)

2x NVIDIA ConnectX-6 Dx 100GbE SmartNICs



Solution ID: 14744076.0

Solution Templates are available in OSC/Gii



# NVIDIA AI ENTERPRISE - DELL A-SKU

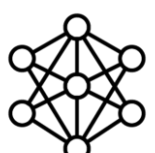
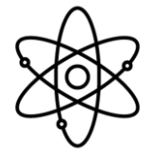





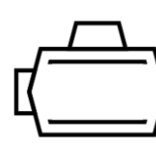




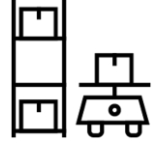
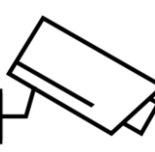

<b>NVIDIA AI Enterprise - Perpetual Bundle (Per CPU)</b>			
Dell Sku	Unit Price (USD)	NVIDIA Part Number	Description
AB769096	\$4,494.00	731-AIE001+P3CMI12	NVIDIA AI Enterprise Perpetual License and Support per CPU Socket 1 Year
AB769097	\$6,292.00	731-AIE001+P3CMI36	NVIDIA AI Enterprise Perpetual License and Support per CPU Socket 3 Year
AB769098	\$8,090.00	731-AIE001+P3CMI60	NVIDIA AI Enterprise Perpetual License and Support per CPU Socket 5 Year
<b>NVIDIA AI Enterprise - Subscription (Per CPU)</b>			
Dell Sku	Unit Price (USD)	NVIDIA Part Number	Description
AB769102	\$2,000.00	731-AIE003+P3CMI12	NVIDIA AI Enterprise Subscription License and Support per CPU Socket 1 Year
AB769103	\$6,000.00	731-AIE003+P3CMI36	NVIDIA AI Enterprise Subscription License and Support per CPU Socket 3 Years
AB769104	\$8,000.00	731-AIE003+P3CMI60	NVIDIA AI Enterprise Subscription License and Support per CPU Socket 5 Years
<b>NVIDIA AI Enterprise - 24x7 Support Services (Per CPU)</b>			
Dell Sku	Unit Price (USD)	NVIDIA Part Number	Description
AB769108	\$450.00	731-AIE024+P3CMI12	NVIDIA 24X7 Support Services for NVIDIA Enterprise AI per CPU Socket 1 Year
AB769109	\$1,350.00	731-AIE024+P3CMI36	NVIDIA 24X7 Support Services for NVIDIA Enterprise AI per CPU Socket 3 Years
AB769110	\$2,250.00	731-AIE024+P3CMI60	NVIDIA 24X7 Support Services for NVIDIA Enterprise AI per CPU Socket 5 Years
<b>NVIDIA AI Enterprise - Perpetual Bundle - EDUCATION (Per CPU)</b>			
Dell Sku	Unit Price (USD)	NVIDIA Part Number	Description
AB769099	\$1,123.50	731-AIE001+P3EDI12	NVIDIA AI Enterprise Perpetual License and Support per CPU Socket EDU 1 Year
AB769100	\$1,573.00	731-AIE001+P3EDI36	NVIDIA AI Enterprise Perpetual License and Support per CPU Socket EDU 3 Year
AB769101	\$2,022.50	731-AIE001+P3EDI60	NVIDIA AI Enterprise Perpetual License and Support per CPU Socket EDU 5 Year
<b>NVIDIA AI Enterprise - Subscription - EDUCATION (Per CPU)</b>			
Dell Sku	Unit Price (USD)	NVIDIA Part Number	Description
AB769105	\$500.00	731-AIE003+P3EDI12	NVIDIA AI Enterprise Subscription License and Support per CPU Socket EDU 1 Year
AB769106	\$1,500.00	731-AIE003+P3EDI36	NVIDIA AI Enterprise Subscription License and Support per CPU Socket EDU 3 Years
AB769107	\$2,000.00	731-AIE003+P3EDI60	NVIDIA AI Enterprise Subscription License and Support per CPU Socket EDU 5 Years
<b>NVIDIA AI Enterprise - 24x7 Support Services - EDUCATION (Per CPU)</b>			
Dell Sku	Unit Price (USD)	NVIDIA Part Number	Description
AB769111	\$315.00	731-AIE024+P3EDI12	NVIDIA 24X7 Support Services for NVIDIA Enterprise AI per CPU Socket EDU 1 Year
AB769112	\$945.00	731-AIE024+P3EDI36	NVIDIA 24X7 Support Services for NVIDIA Enterprise AI per CPU Socket EDU 3 Years
AB769113	\$1,575.00	731-AIE024+P3EDI60	NVIDIA 24X7 Support Services for NVIDIA Enterprise AI per CPU Socket EDU 5 Years

# GPU Config matrix

Model	GPU Memory	Slot Width	GPU Height Length	Part Numbers	XE8545	R750XA	R750	R650	C6520	R640	R740	R740XD	R840	R940XA	R7425	R6515	R6525	R7515 <sup>7</sup>	R7525 <sup>7</sup>	T640	C6525	DSS8440	XE2420	XE7100	XR12	XR11	XR2	V670F	V570/V570F	E560/F/N	
A100 PCIE	80 GB HBM2e	DW	FHFL	WGWR4	✗	4	2	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	3	✗	✗	✗	✗	✗	✗	✗	✗	✗	2	3	✗
A100 PCIE	40 GB HBM2	DW	FHFL	RH1X7	✗	4	2	✗	✗	✗	3	3	✗	4	✗	✗	✗	✗	3	✗	✗	10	✗	✗	2	✗	✗	2	3	✗	
A30	24 GB HBM2	DW	FHFL	W3C1G	✗	4	2	✗	✗	✗	3	3	✗	✗	✗	✗	✗	✗	3	✗	✗	✗	2	✗	2	✗	✗	2	3	✗	
A40	48 GB GDDR6	DW	FHFL	M9WT5	✗	4	2	✗	✗	✗	3	3	✗	✗	✗	✗	✗	✗	3	✗	✗	10	✗	✗	2	✗	✗	2	3	✗	
A100 HGX	80 GB HBM2	HGX	HGX	VT1NH	4	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	
A100 HGX	40 GB HBM2	HGX	HGX	700T5	4	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	
T4 LP	16 GB GDDR6	SW	HHHL	7PH29	✗	✗	✗	1	1	1	✗	✗	✗	✗	✗	1	✗	2	✗	✗	1	✗	✗	4	✗	✗	1	✗	✗	3	
T4 FH	16 GB GDDR6	SW	FHHL	HCKJM	✗	6	6	2	✗	2	3(3)	3(3)	✗	✗	6	✗	3	2	6	✗	✗	16	4	4	2	2	✗	6	6	✗	
M10	32 GB GDDR5	DW	FHFL	H56H0	✗	4	2	✗	✗	✗	2(3)	2(3)	2	✗	2	✗	✗	✗	3	2	✗	✗	✗	✗	✗	✗	✗	2	2(3)	✗	
A16	64GB GDDR6	DW	FHFL	8F04V	✗	4	2	✗	✗	✗	✗	3	✗	✗	✗	✗	✗	✗	3	✗	✗	✗	✗	✗	✗	✗	✗	2	3	✗	
A2 (WIP)	16GB GDDR6	SW	FHFL/HHHL	TBD	✗	✗	6	3	✗	✗	✗	✗	✗	✗	✗	✗	✗	4	✗	✗	✗	✗	✗	✗	✗	2	✗	✗	✗	✗	

\* Factory Installed (Customer Kit adder)  
 NVIDIA-Certified/NGC-Ready

# VMWARE & NVIDIA VIRTUALIZED OFFERINGS

Compute only: NVIDIA AI Enterprise		Graphics & Compute, VDI/vGPU		
 DL Training  Scientific Research  Data Analytics <hr/> <b>Highest Perf Compute AI, HPC, Data Processing</b> Fastest Compute, FP64 Up to 7 MIG instances <hr/> <b>A100</b> 250W & 300W   40G & 80G 2-slot FHFL   NVLINK	 Language Processing  Conversational AI  Recommender Systems <hr/> <b>AI Inference &amp; Mainstream Compute</b> Versatile Mainstream Compute FP64, Up to 4 MIG instances <hr/> <b>A30</b> 165W   24GB 2-slot FHFL   NVLINK	 Cloud Rendering  Cloud XR and vWS  Omniverse <hr/> <b>Highest Perf Graphics Visual Computing</b> Fastest RT Graphics Largest render models <hr/> <b>A40</b> 300W   48GB 2-slot FHFL   NVLINK	 Virtual Desktop  Virtual Workstation  Transcoding <hr/> <b>Highest Density Virtual Desktop</b> 4K Resolution Max # of encode/decode streams <hr/> <b>A16</b> 250W   4 x 16GB 2-slot FHFL	 Edge AI & Small Inference  Edge Video  Mobile Cloud Games <hr/> <b>Small Footprint Datacenter and Edge Inference</b> High density Video & Graphics Compact & Versatile <hr/> <b>A2 &amp; T4</b> 40-60W/70W   16GB 1-slot Low Profile
<b>Compute</b>		<b>Graphics</b>		

T4 and A10 limited availability

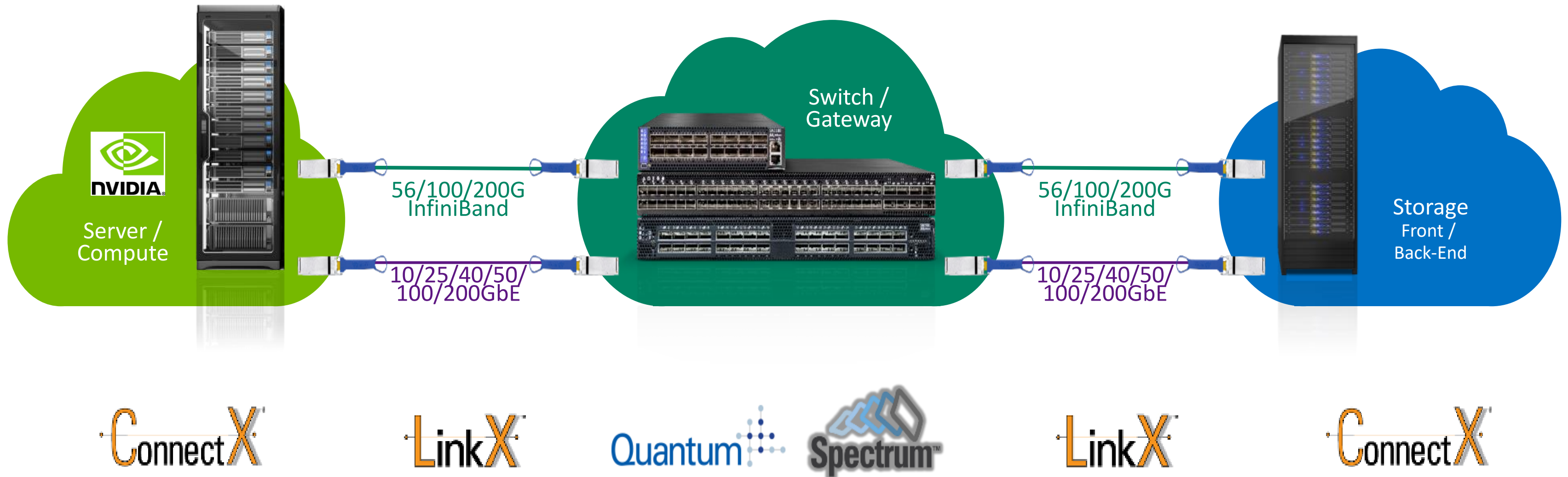
# Networking

Nothing works without the blue cables...

The Dell EMC logo, featuring the word "DELL" in a stylized font with a diagonal line through the "E", followed by "EMC" in a standard sans-serif font.

# HOW TO ENGAGE THE MELLANOX TEAM

All order inquiries, SKU requests, basic questions or if you are unsure of where to go



# COMPREHENSIVE END-TO-END PORTFOLIO

## InfiniBand *and* Ethernet

Software	    
DPU & Multicore	    
Metro / Wan	     
Switches / Gateways	     
Adapter Cards	  
ICs	  
Cables & Modules	    

# WHY DELL & NVIDIA?

## Leading Connectivity

- 200Gb/s InfiniBand & Ethernet
- 50Gb/s PAM4 SerDes

## Leading Performance

- 200Gb/s throughput, 0.6usec latency
- 200 million message per second
- Integrated PCIe switch
- Multi-Host - up to 8 hosts, supporting 4 dual-socket servers

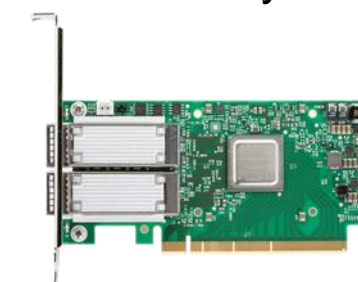
## Leading Features

- Security - Block-level encryption to storage, key management, FIPS
- Storage - NVMe Emulation, NVMe-oF target, Erasure coding, T10/DIF
- Media - Video packets hardware reconstruction

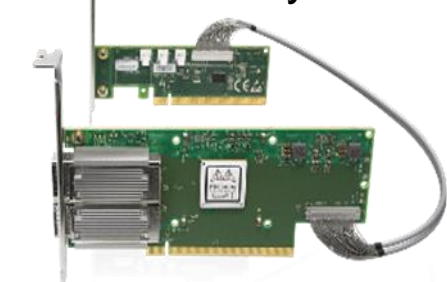
- ConnectX-6 Single Port VPI HDR adapter (unmanaged)
  - Currently, only supports InfiniBand mode
  - Ethernet mode will be supported in a future release
- Supports PCIe Gen4 x16
  - AMD EPYC Rome platforms
- Supports PCIe Gen3 x32 (Socket Direct with Auxiliary card)
  - C4140, C6420, R440, R640, R740/XD, R840, R940/XA
- HII supported
- No iDRAC/LC support
- Next Gen Servers - R6515, R7515, R6525, C6525, R7525

# ConnectX-6

Primary card



Auxiliary Card (14G only)



# OUR OPPORTUNITY...

## Three key solution areas for 2022

HPC & AI



Virtualization



Edge



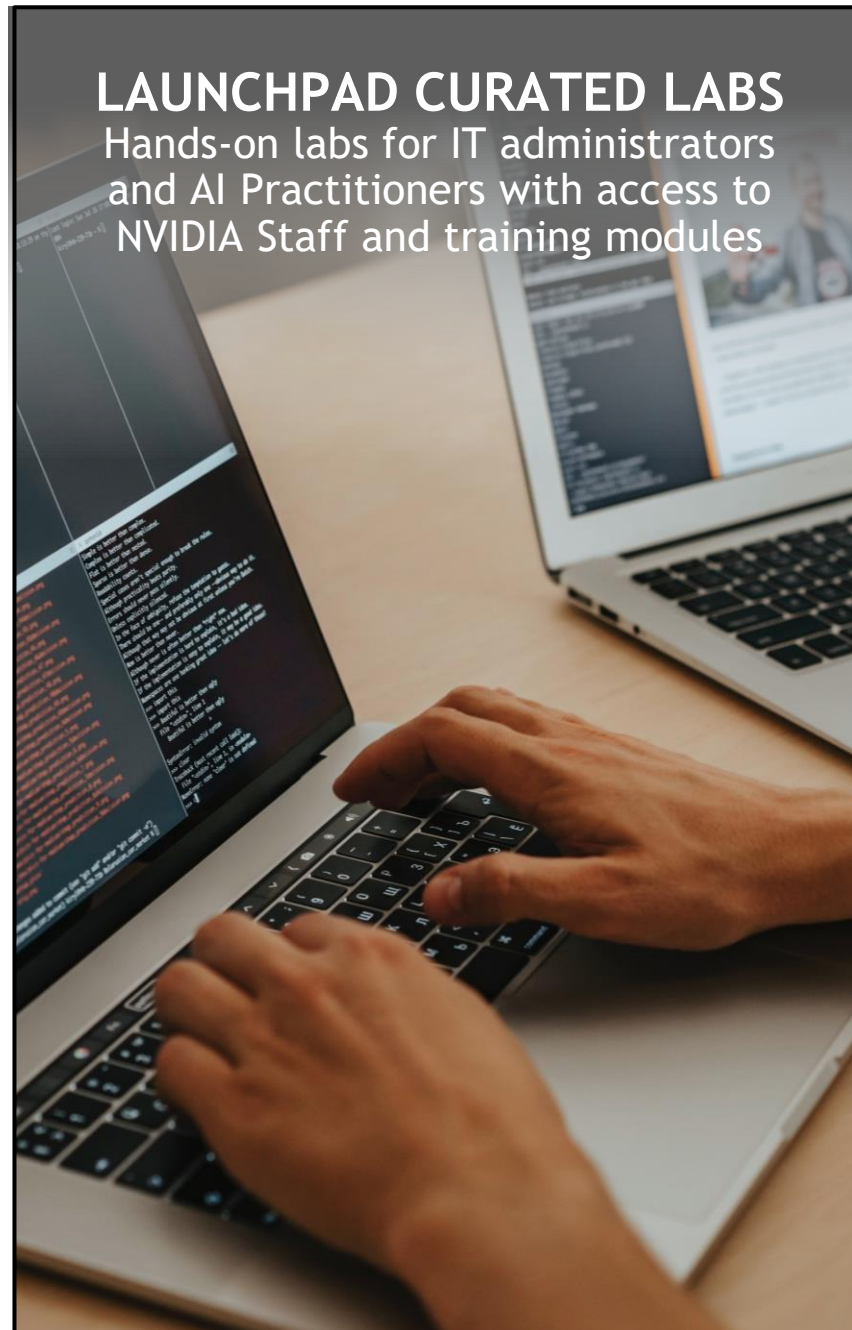


# LaunchPad: NVIDIA, Dell & VMware

Customer experience and guided evaluation.

# ANNOUNCING NVIDIA AI ENTERPRISE ON LAUNCHPAD

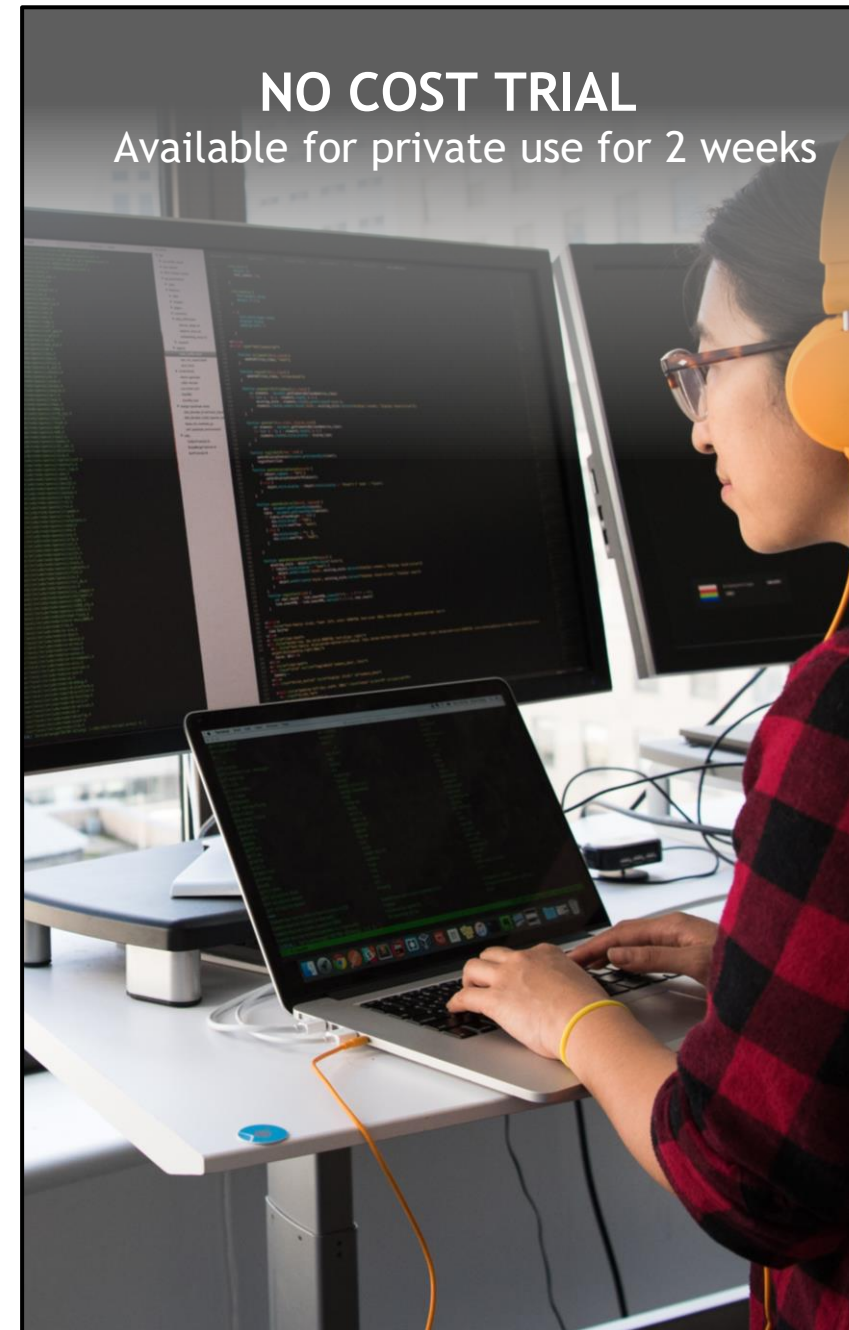
**LAUNCHPAD CURATED LABS**  
Hands-on labs for IT administrators and AI Practitioners with access to NVIDIA Staff and training modules



**NVIDIA CERTIFIED**  
Fully provisioned NVIDIA-Certified systems



**NO COST TRIAL**  
Available for private use for 2 weeks

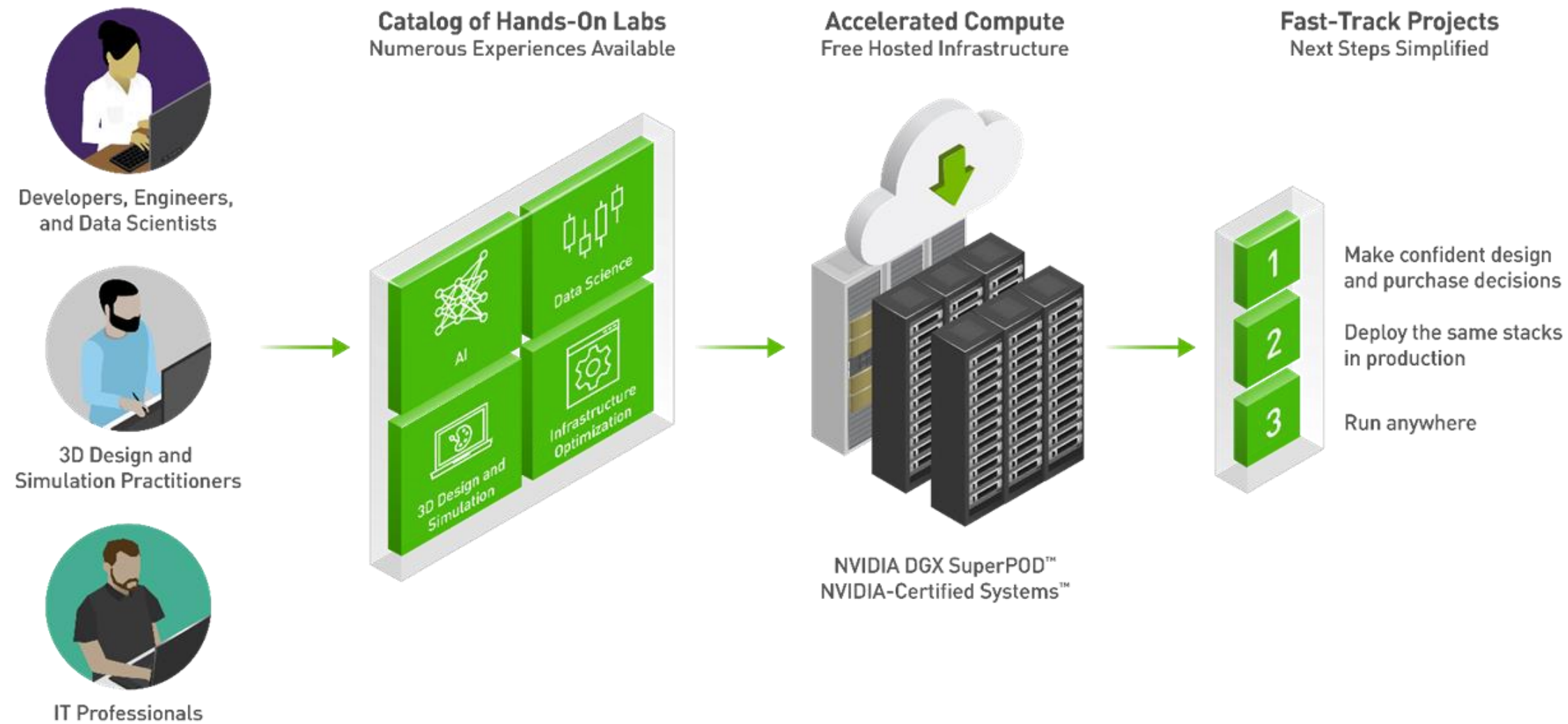


**NVIDIA AI ENTERPRISE**  
Access to NVIDIA AI Enterprise running on VMware vSphere with Tanzu



# NVIDIA LAUNCHPAD

Instantly experience end-to-end workflows for AI, data science, 3D design collaboration, and more



Get Started at [nvidia.com/launchpad](https://nvidia.com/launchpad)

# FAST TRACK PROJECTS WITH HANDS-ON LABS IN LAUNCHPAD

## AI

Train and Deploy an AI Support Chatbot

NVIDIA AI Enterprise

Train an AI model for Image Classification of Online Products

NVIDIA AI Enterprise

Train a BERT Model for Natural Language Processing Applications

Base Command, DGX

Train a Large-Scale NLP Model with NeMo Megatron

Base Command, DGX

NEW

Deploy Vision AI at the Edge of the Network

Fleet Command

Add Speech AI Capabilities to a Conversational AI Application

Riva

NEW

## Data Science

Accelerate Data Processing and Train an AI Model to Predict Prices

NVIDIA AI Enterprise

Accelerate Data Processing, Tokenization, and Train an AI Model to Perform Sentiment Analysis

NVIDIA AI Enterprise

Scale Data Science with Domino Enterprise MLOps Platform

NVIDIA AI Enterprise

NEW

## 3D Design Collaboration & Simulation

Experience Real Time 3D Design Collaboration in a Full-Fidelity, Physically Accurate Omniverse Scene

Omniverse

NEW

Interactively Review 3D Design Projects and Experience Photorealistic Rendering and Physics

Omniverse

NEW

## Infrastructure Optimization

Configure and Optimize VMware vSphere for AI and Data Science Workloads

NVIDIA AI Enterprise

Configure, Optimize, and Orchestrate Resources for AI and Data Science Workloads with VMware Tanzu

NVIDIA AI Enterprise

NEW

Configure, Optimize, and Orchestrate Resources for AI and Data Science Workloads with Red Hat OpenShift

NVIDIA AI Enterprise

NEW

Experience VMware Project Monterey Early Access on NVIDIA BlueField-2 DPU

BlueField

NEW

Deploy an End-to-End AI Image Classification Workload Using a Helm Chart

NVIDIA AI Enterprise

NEW

Get Started at [nvidia.com/launchpad](https://nvidia.com/launchpad)

# GETTING STARTED WITH NVIDIA AI

## NVIDIA AI Enterprise Trial Programs

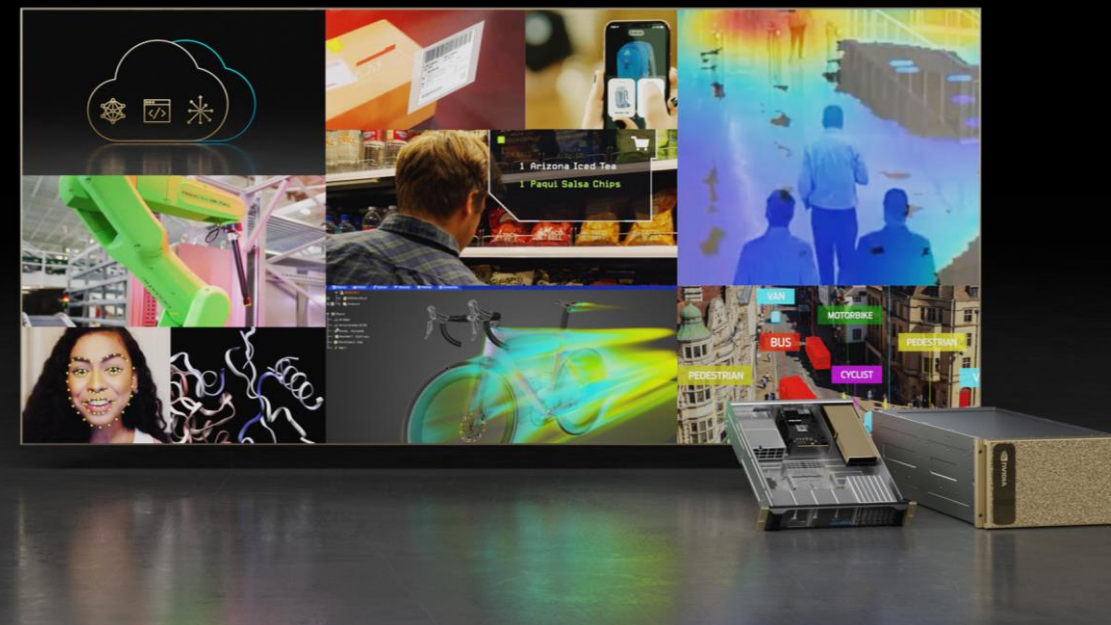
### Test Drive Demo

- ▶ Self-directed, remote access demo
  - ▶ Predicting NYC Taxi Fares with RAPIDS
  - ▶ BERT Question Answer in TensorFlow
- ▶ Requires ~1 hr / Access for 48 hrs



### NVIDIA LaunchPad

- ▶ AI development and deployment trial program
- ▶ Deep dive, hands-on labs for AI practitioners and IT staff
- ▶ Requires ~8 hrs / Access for 2 wks



### Evaluation Software

- ▶ Requirements: NVIDIA-Certified System, vSphere 7 u2 (or later)
- ▶ Free evaluation licenses for on premises POC
- ▶ 90 days to test and experience



A background image featuring a complex network of white and yellow nodes connected by thin white lines, set against a dark grey gradient. The nodes are scattered across the frame, with a higher density in the upper left and center.

# CALL TO ACTION

- **Join NVIDIA NPN**
- **Include NVIDIA in your Dell Quarterly Business Plans & QBRs.**
- **Create Nvidia & Dell Demand Generation Campaigns leveraging MDF investments.**
- **Become technically astute on the entire NVIDIA portfolio. Schedule training w/Nvidia Solution Architects & Dell PSEs.**
- **Focus on Industry Verticals & HVWLs where NVIDIA differentiates you to your customer**
- **You DO NOT have to do GPU on your own. Leverage NVIDIA's 25+ Years of Deep Expertise.**

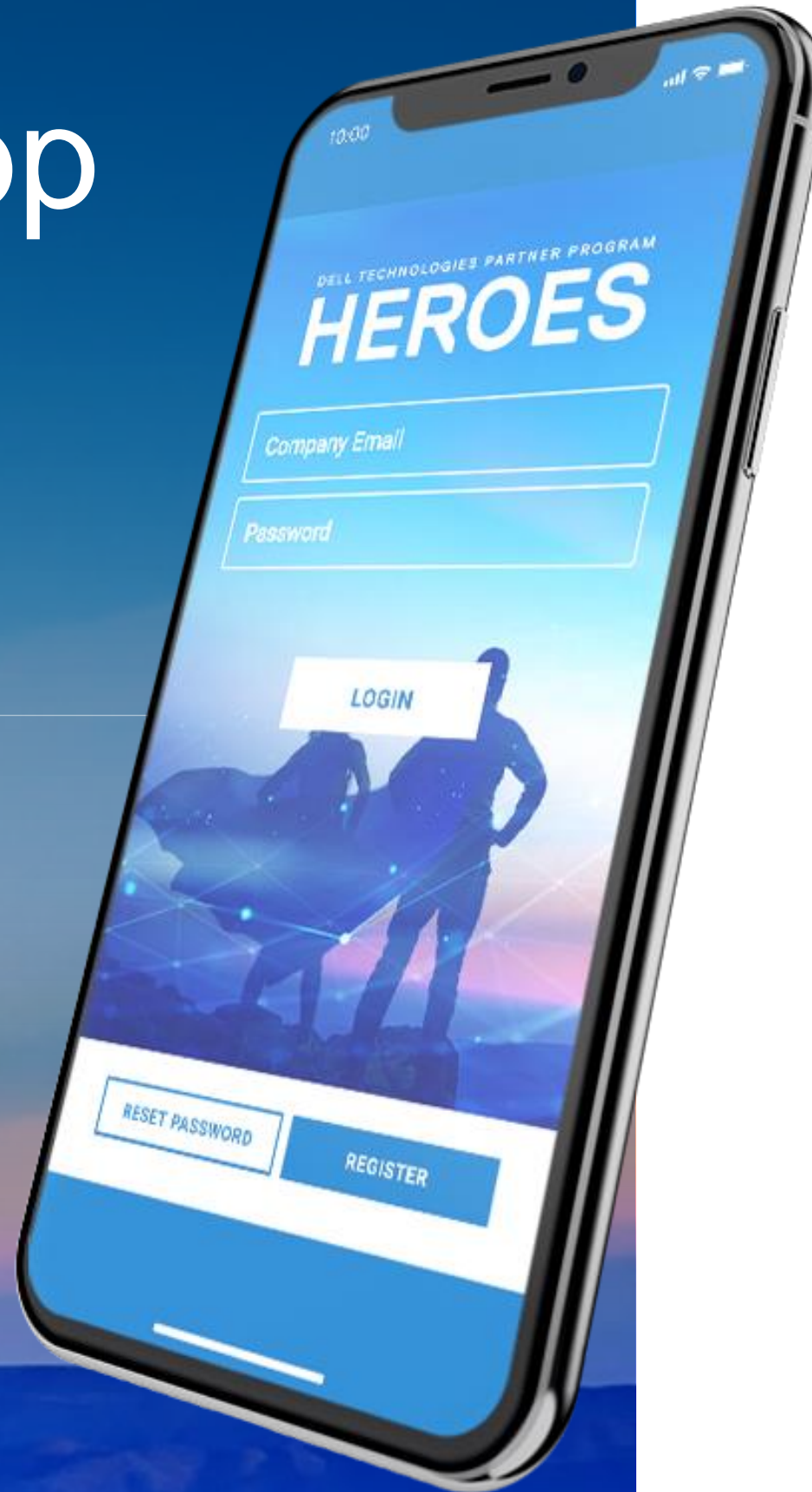


DOWNLOAD your

# Heroes mobile app

**Find** the right events and technical content most relevant to you

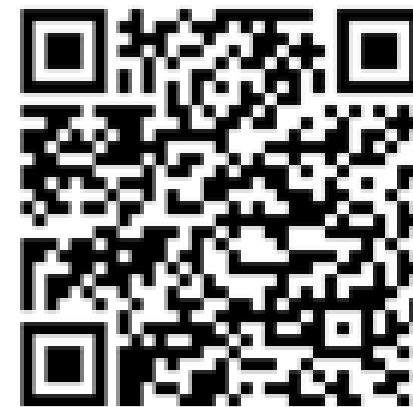
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[Download for Android](#)

Sponsored by



Access is restricted to members of the Dell Technologies Heroes program.



The Dell Technologies logo is centered within a white rectangular border. It features the word "DELL" in a bold, sans-serif font, where the "E" is replaced by a stylized icon of three slanted lines. To the right of "DELL" is the word "Technologies" in a lighter, lowercase sans-serif font.

**DELL**Technologies

**PARTNER PROGRAM**