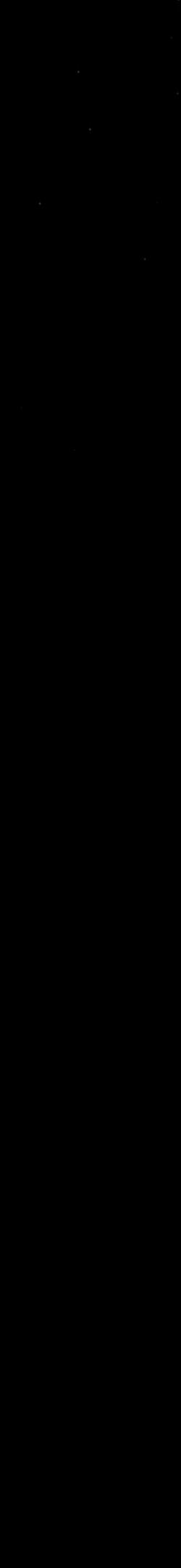
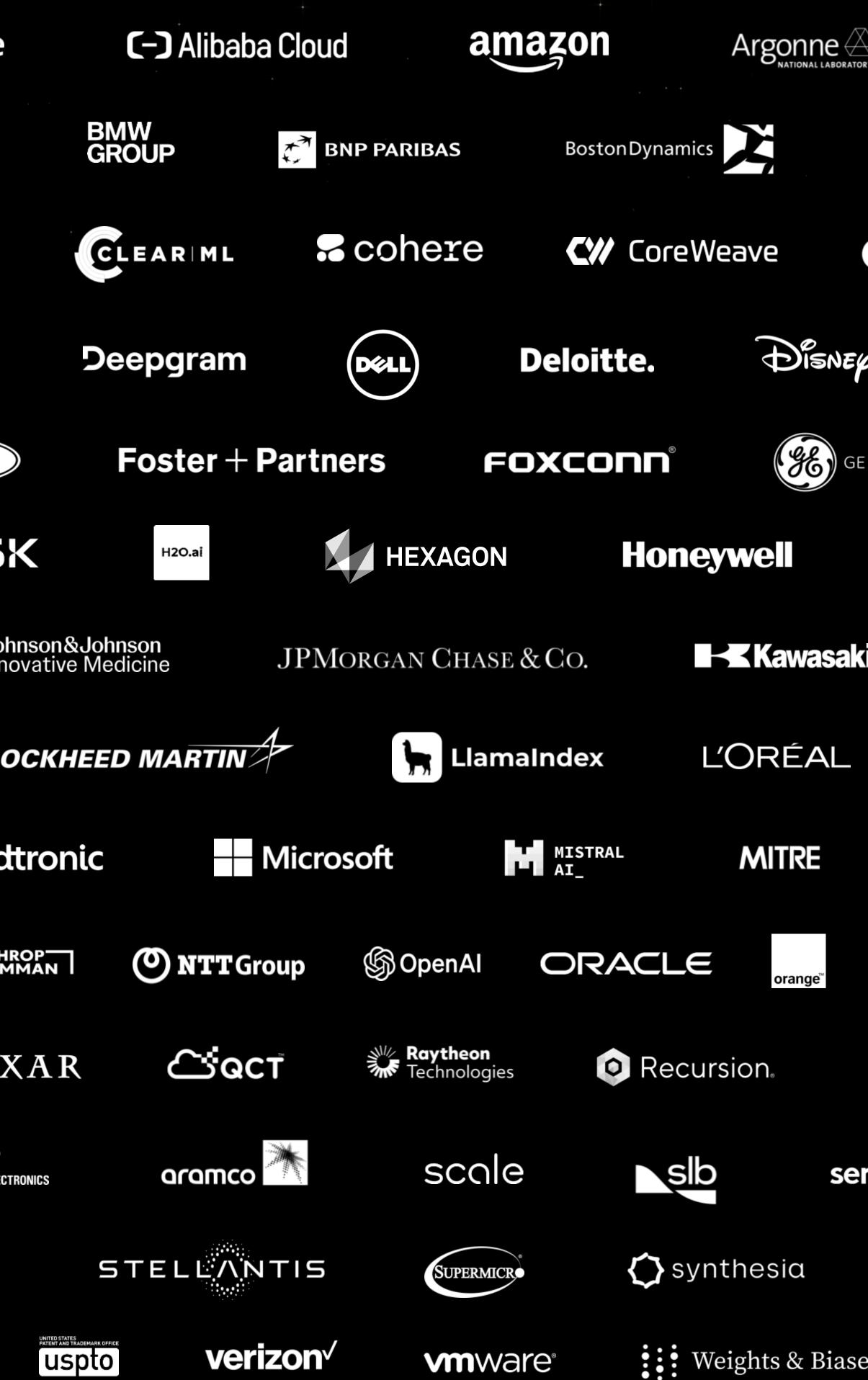




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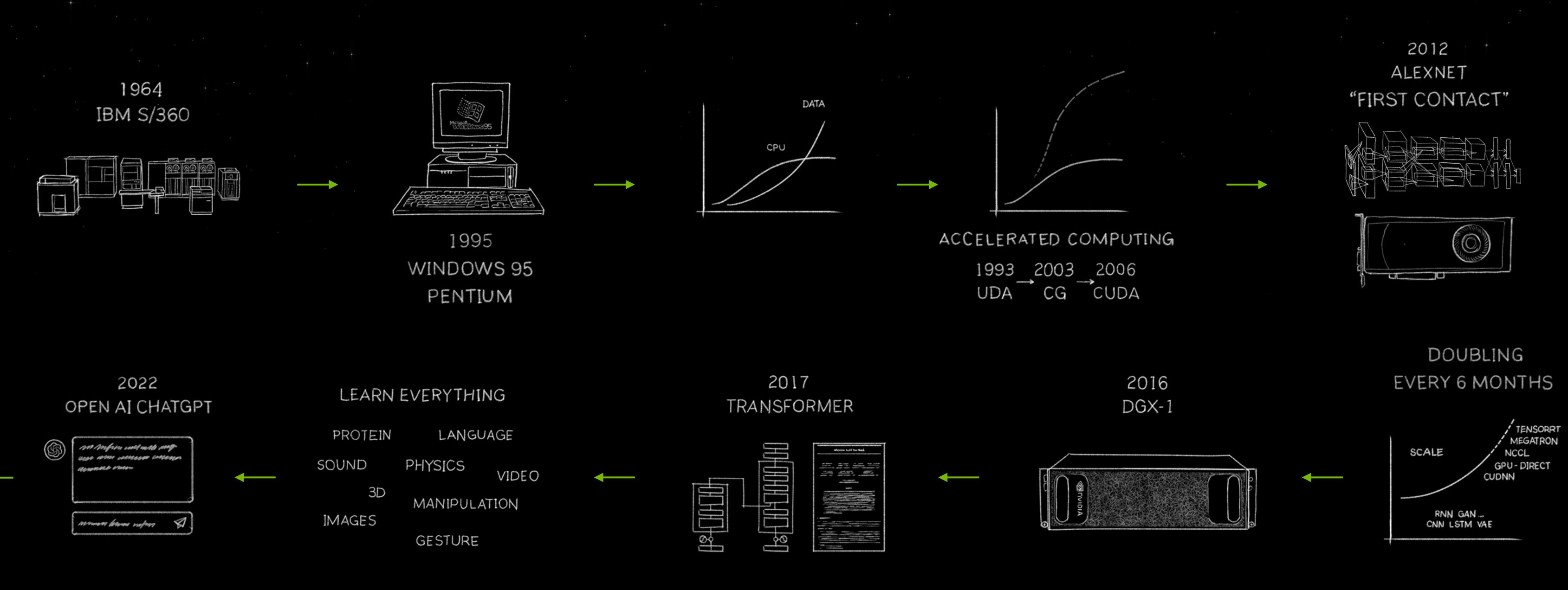


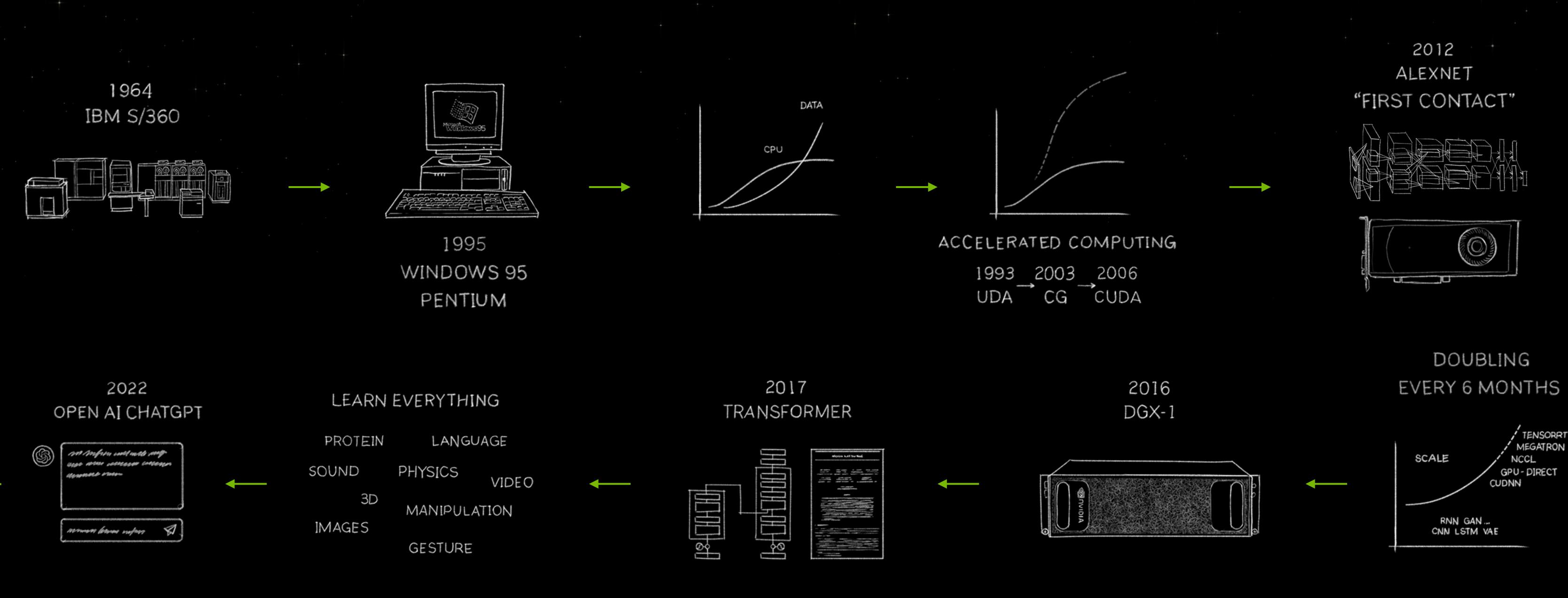
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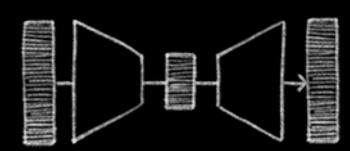




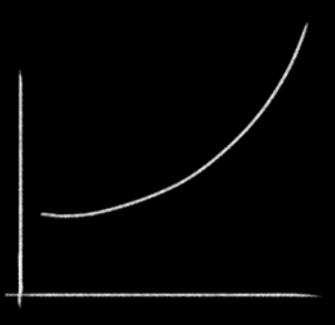


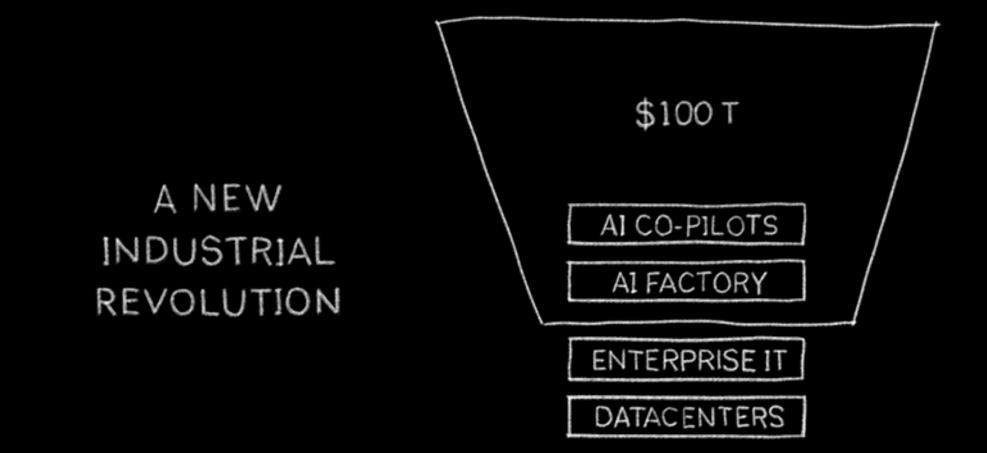
FINE TUNING GUARDRAILING ALIGNMENT PROMPT ENGINEERING RAG VECTOR DB MULTI-MODAL COT & TOT AGENTS

GENERATIVE AI



STARTUPS







	Training Co PFLOF	mpute S
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	104	
	10 ³	AlexNet
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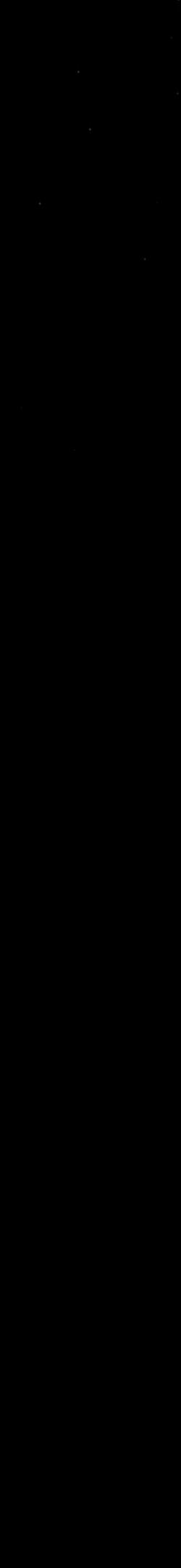
MT NLG 530B GPT3-175B • Microsoft T-NLG GPT-2 1.5B • Megatron-NLG • Wav2Vec 2.0 XLNet MoCo ResNet50 Xception BERT Large InceptionV3 GPT-1

VGG-19 Resnet Transformer ResNeXt Seq2Seq ELMo DenseNet201

2014

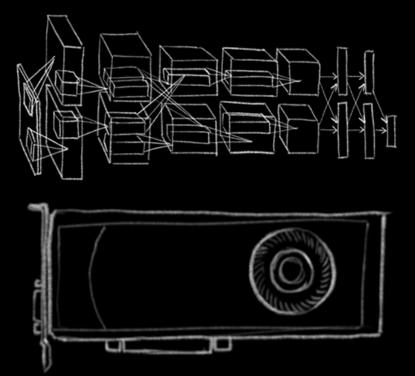












"CAT"



TEXT

IMAGE

VIDEO

TEXT

"An adorable cat in 3D confidently riding a flying, rocket-powered bike, adorned with a sleek black leather jacket."

"A close shot of a cat in a futuristic space suit confidently operating controls in the cockpit of a sci-f spaceship. The cockpit has lots of lights and holographic screens with data in cool colors. The spaceship is traveling through a warm, colorful nebula. Shot on 35mm, vivid colors.."

TEXT

SPEECH

-

AlphaFold Protein Structure Datab

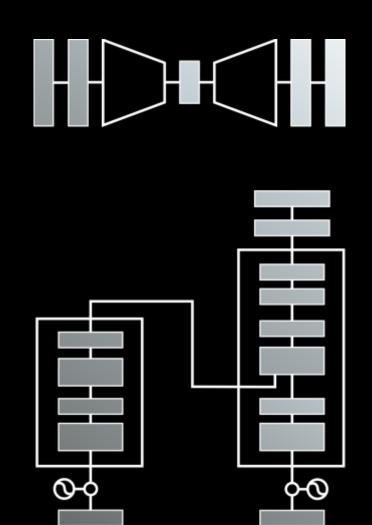
Histidine noles MENFOKVEKIGEGTYGV... Pree tatty.

AMINO ACID

BRAINWAVES

MULTI-MODAL

LEARN AND UNDERSTAND EVERYTHING













SOUND

IMAGE

VIDEO

IMAGE

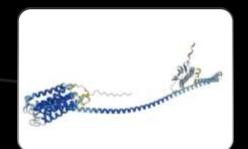
3D



ANIMATION

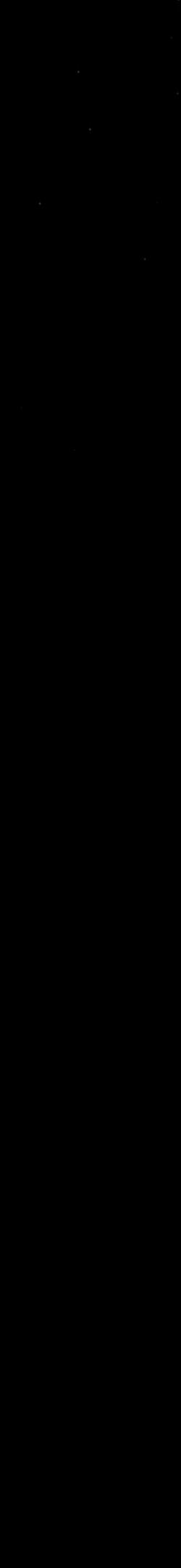


MANIPULATION











Industry Standard APIs

Text, Speech, Image, Video, 3D, Biology

Triton Inference Server

cuDF, CV-CUDA, DALI, NCCL, Post Processing Decoder

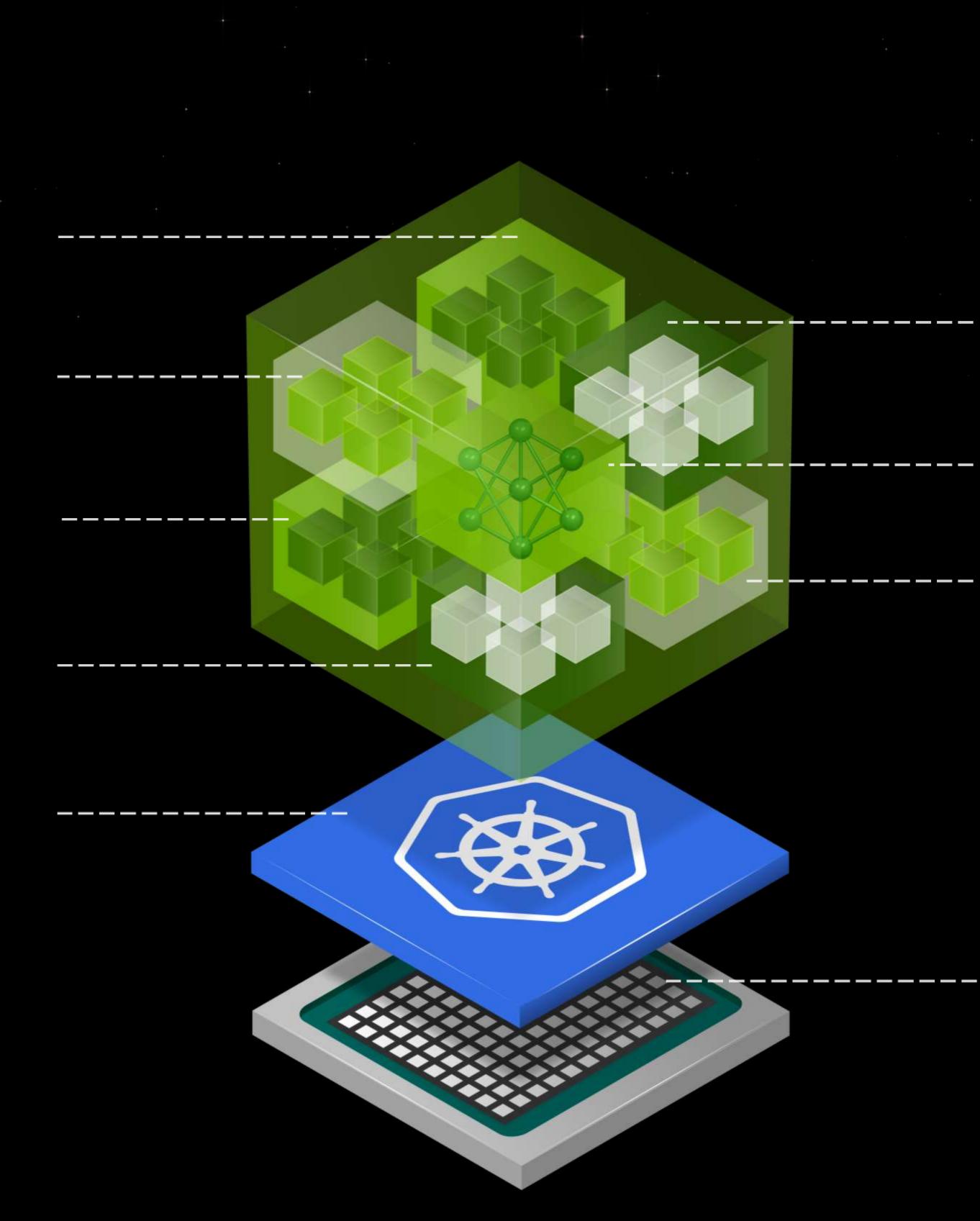
Cloud Native Stack

GPU Operator, Network Operator

Enterprise Management

Health Check, Identity, Metrics, Monitoring, Secrets Management

Kubernetes



100's of Millions of CUDA GPUs Installed Base

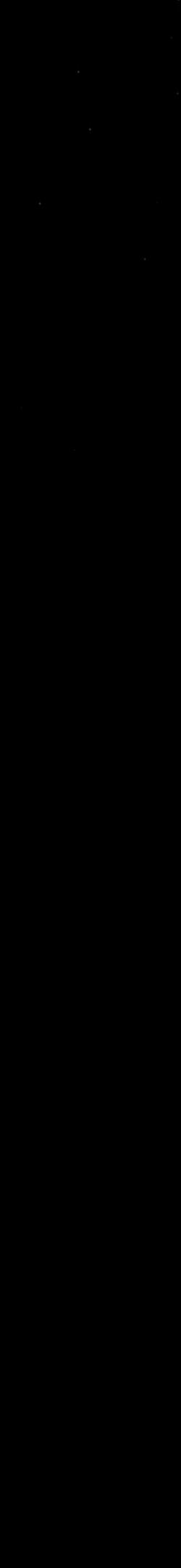
TensorRT LLM and Triton

cuBLAS , cuDNN, In-Flight Batching, Memory Optimization, FP8 Quantization

Optimized Model Single GPU, Multi-GPU, Multi-Node

Customization Cache P-Tuning, LORA, Model Weights

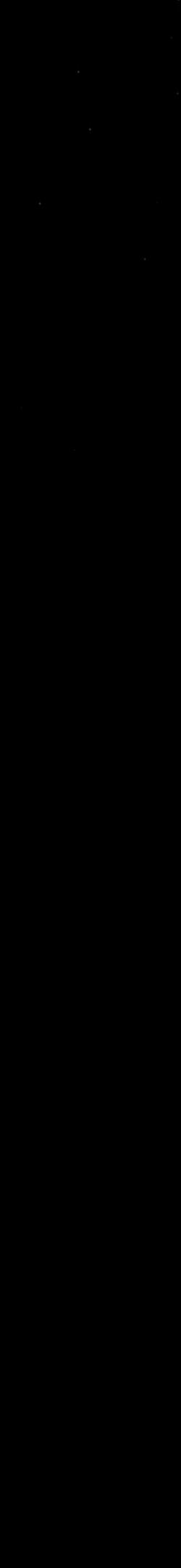
NVIDIA CUDA



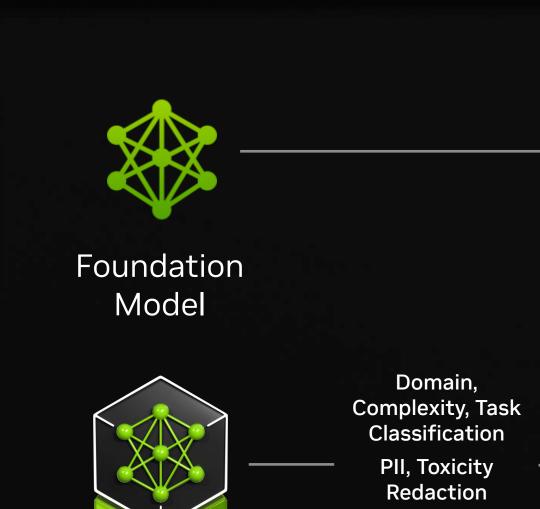


NVIDIA INFERENCE MICROSERVICE

Pre-Trained AI Models Packaged and Optimized to Run Across **CUDA Installed Base**



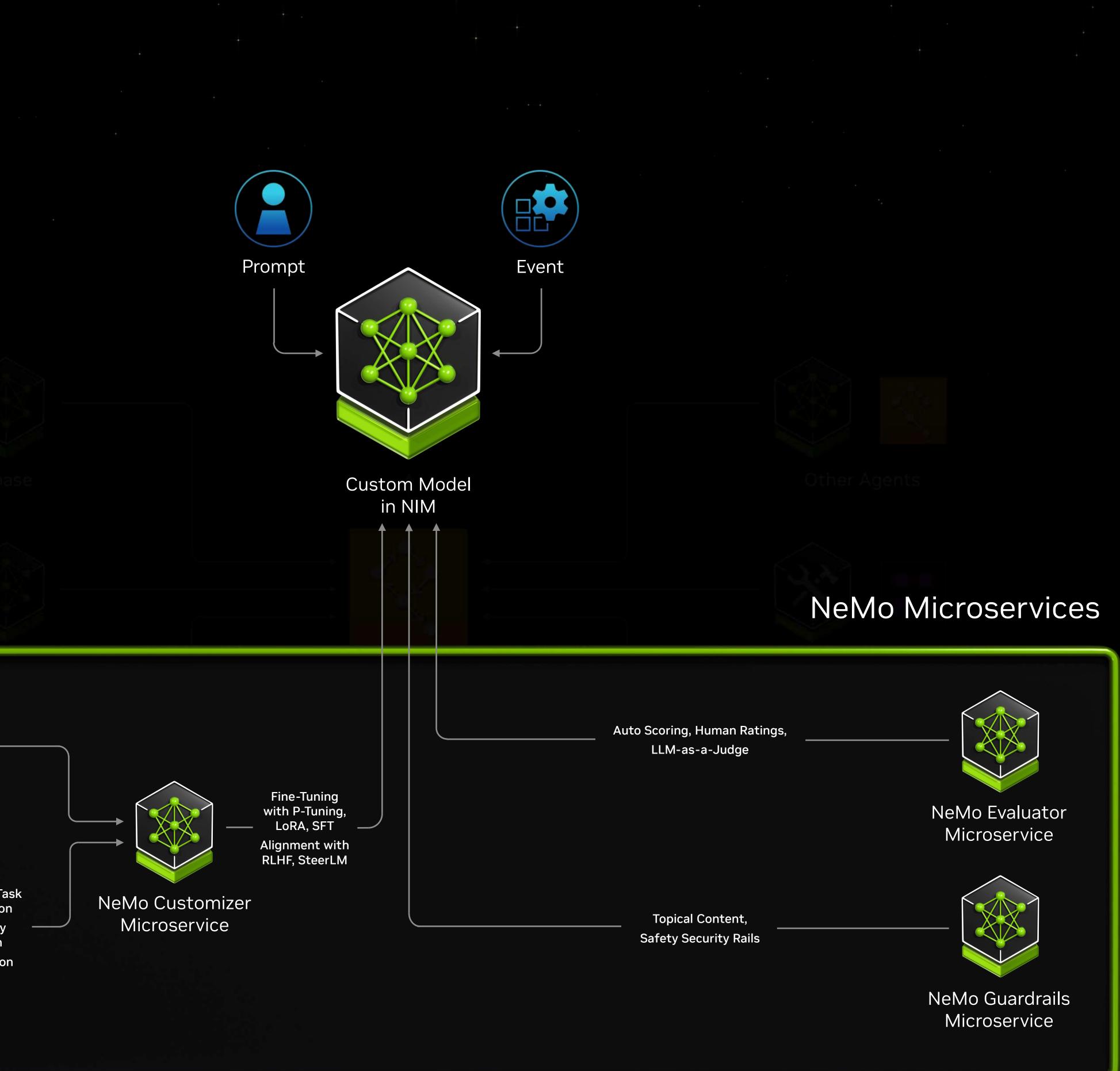




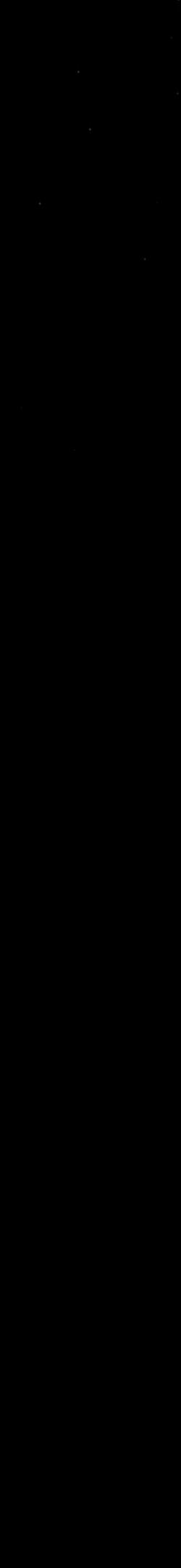
Microservice

PII, Toxicity Redaction Deduplication

NeMo Curator

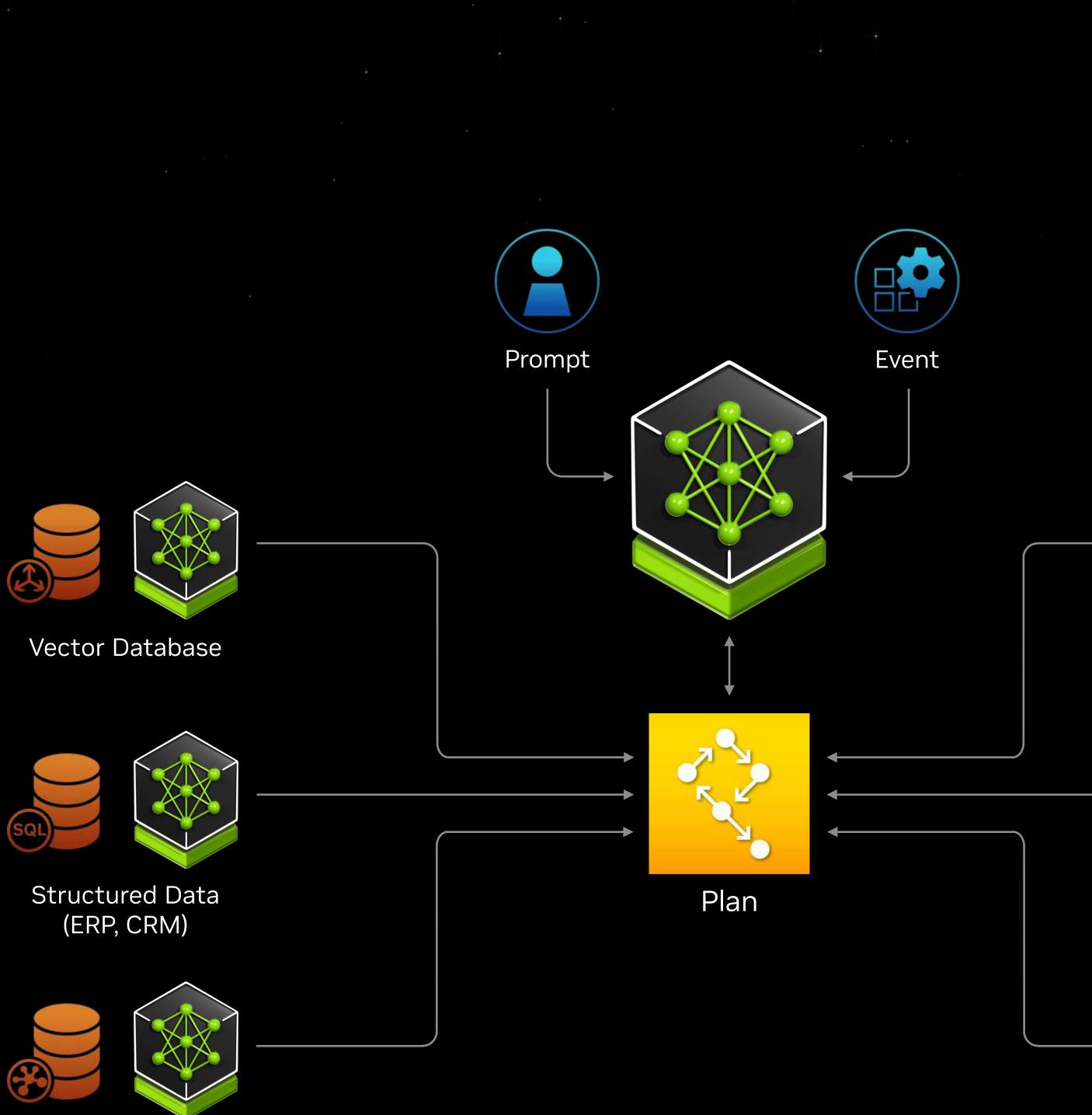




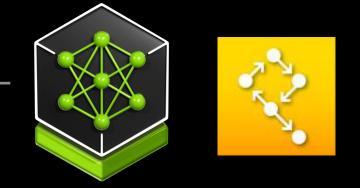








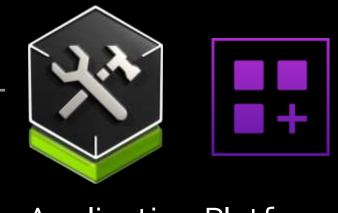
Knowledge Graph



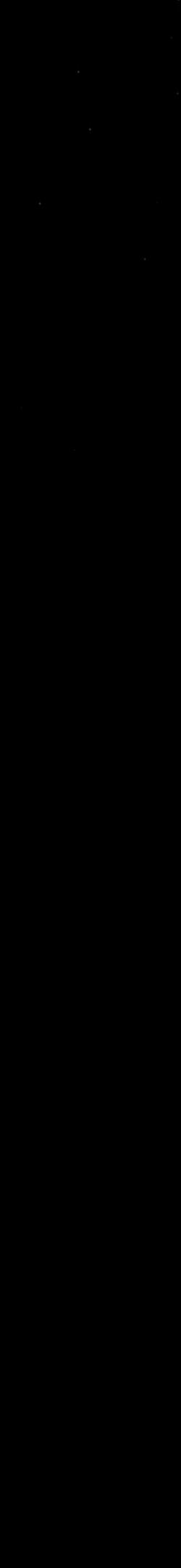
Other Agents



Application Platform



Application Platform

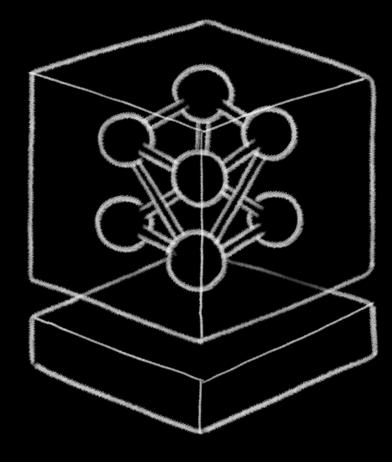




NEW INDUSTRY

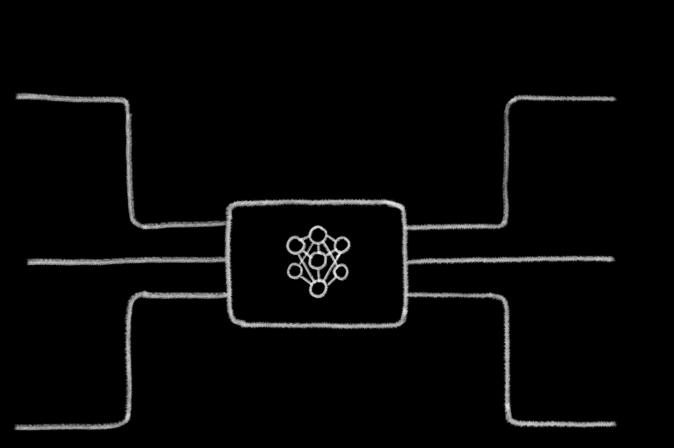


A NEW INDUSTRIAL REVOLUTION

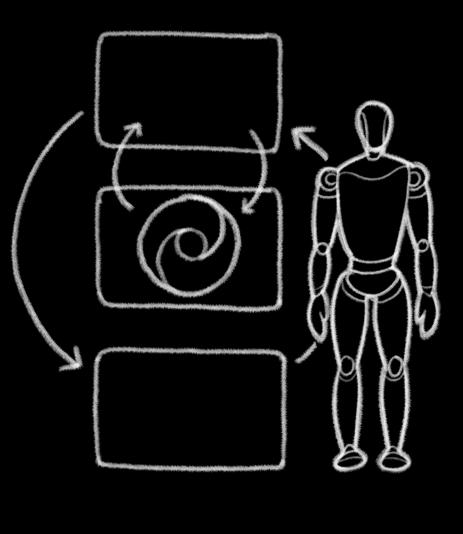


BLACKWELL PLATFORM

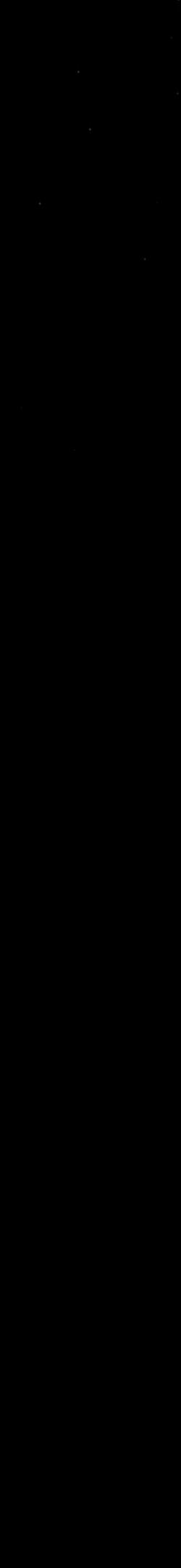
NIMs



NEMO AND NVIDIA AI FOUNDRY



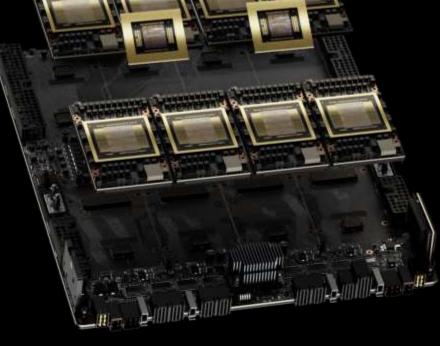
OMNIVERSE AND ISAAC ROBOTICS



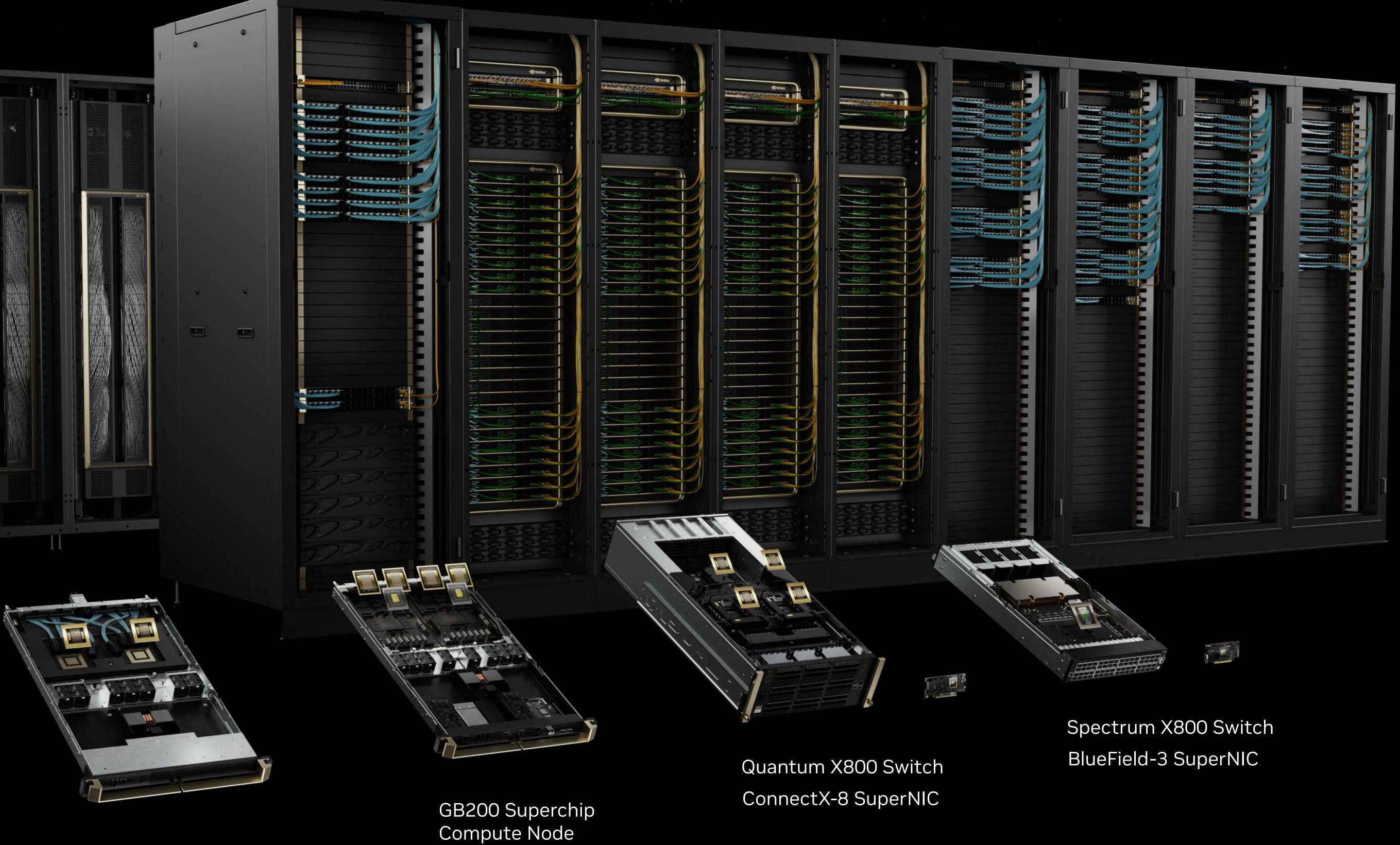






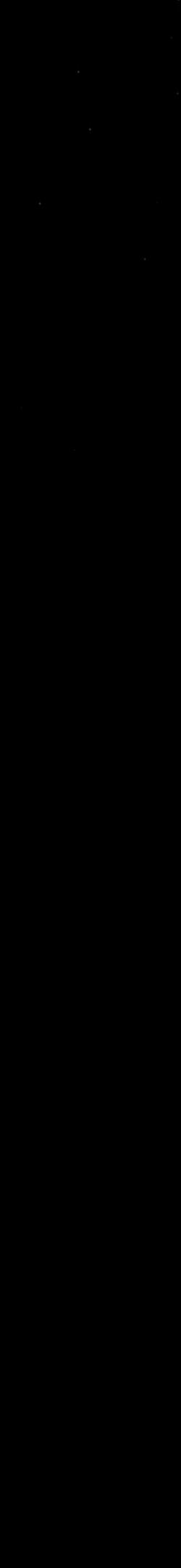








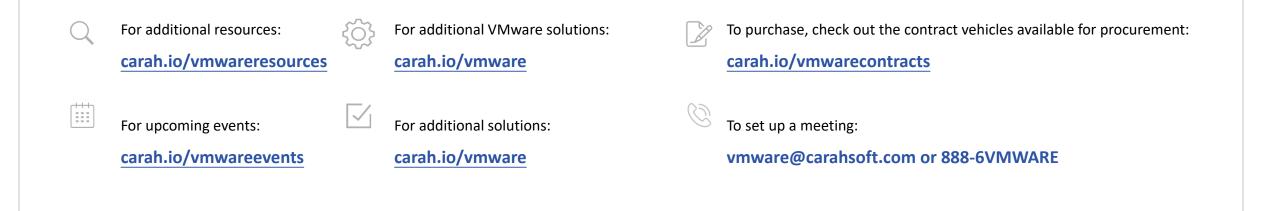
NVIDIA Blackwell Platform



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