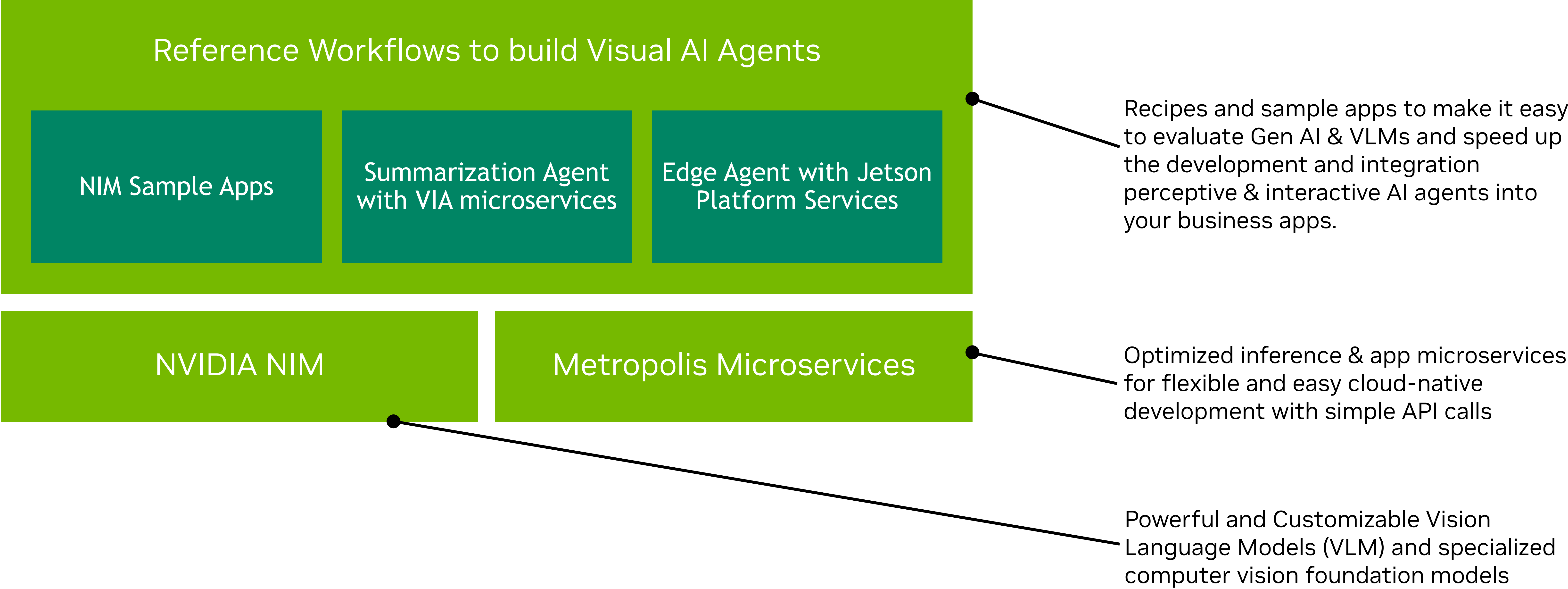




Building Visual AI Agents with Generative AI and NVIDIA NIM

NVIDIA Metropolis

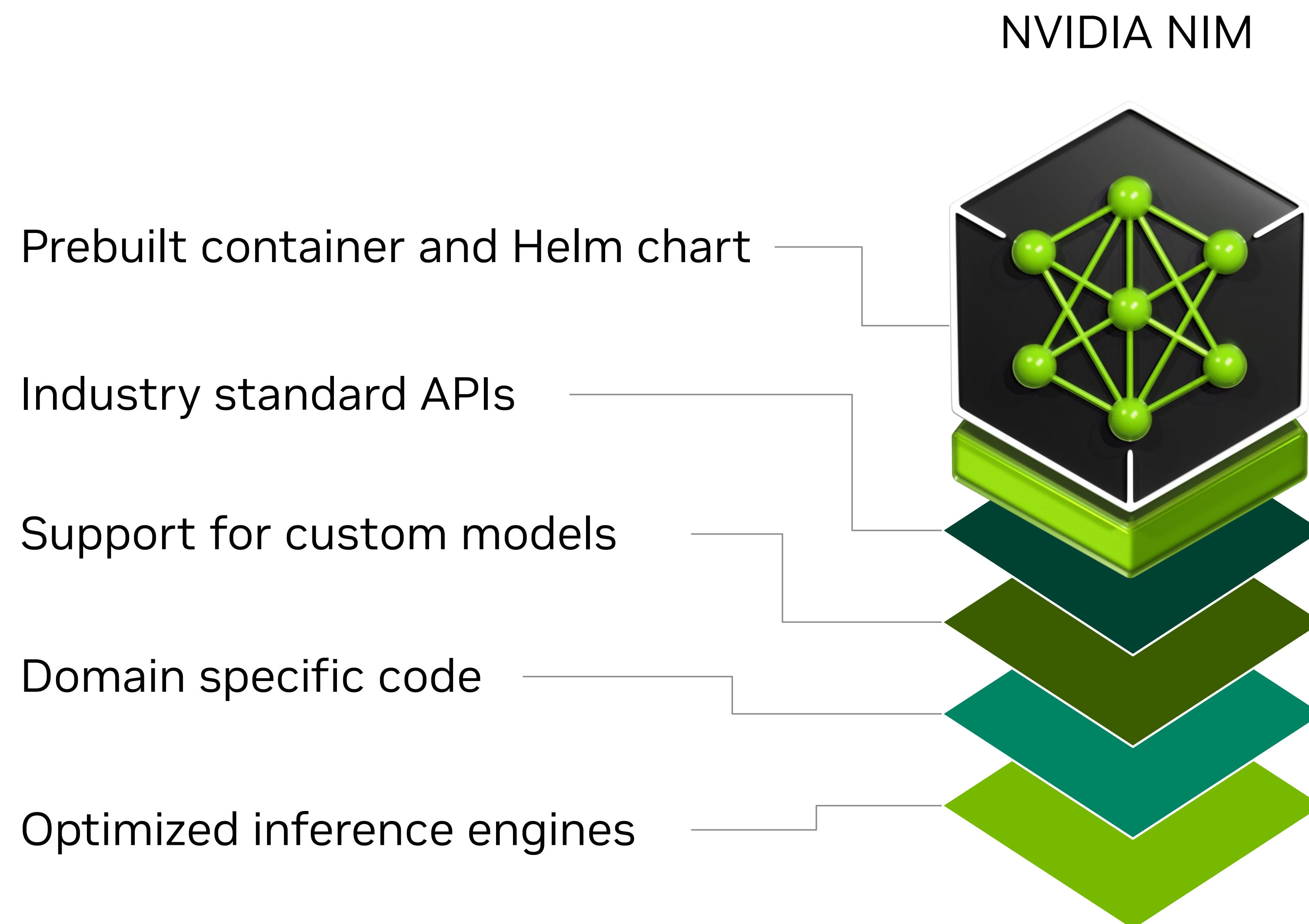
NVIDIA Metropolis Generative AI Stack





NVIDIA NIM - Optimized Inference Microservices

Accelerated runtime for generative AI



Deploy anywhere and maintain control of generative AI applications and data

Simplified development of AI applications that can run in enterprise environments

Day 0 support for all publicly available models providing choice across the ecosystem

Improved TCO with best latency and throughput running on accelerated compute

Best accuracy for enterprise by enabling tuning with proprietary data sources

Enterprise software with feature branches, validation and support

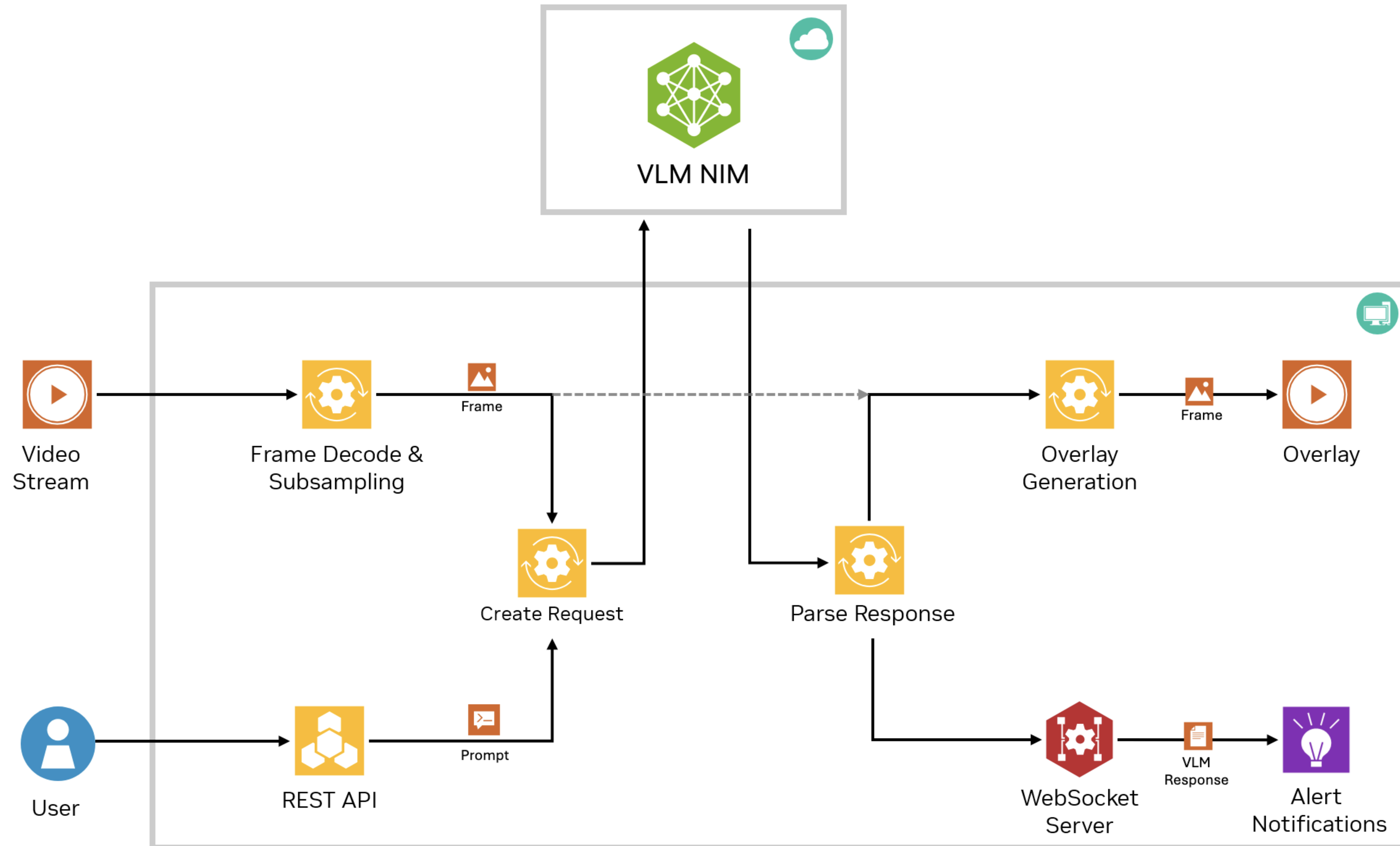


DGX &
DGX Cloud



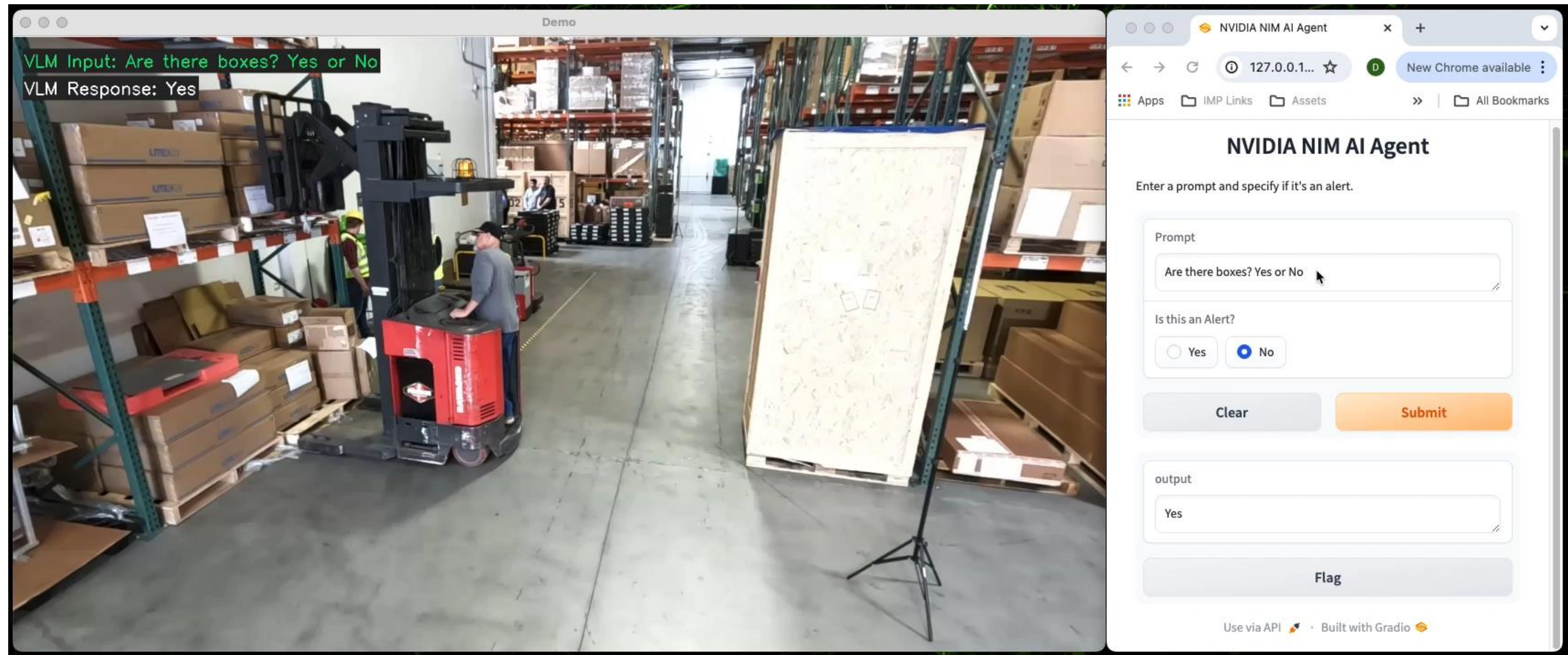
Metropolis Reference Workflows & Sample Apps

Recipes to Build a Wide Range of AI Agents



Evaluate and Experiment with Vision Language Models (VLM)

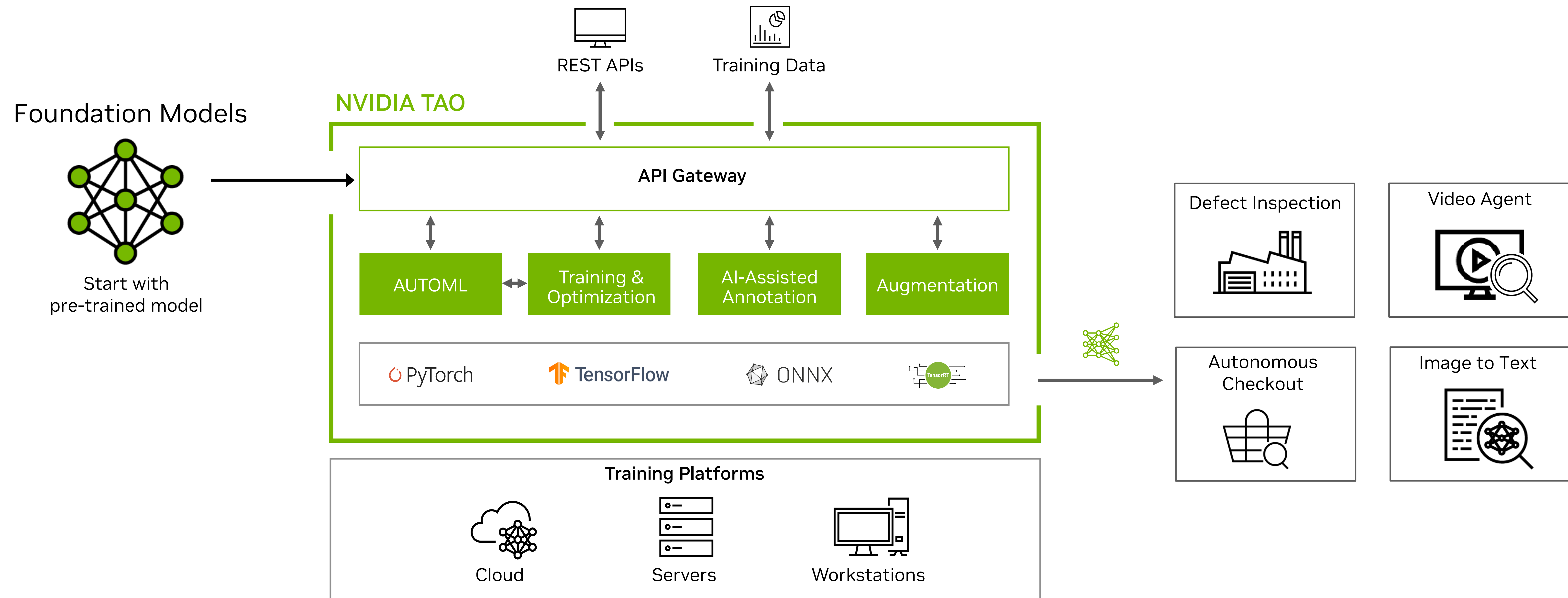
From simple Jupyter Notebooks to Nearly Production-ready Sample apps



<https://github.com/NVIDIA/metropolis-nim-workflows>

Get Access to and Customize / Tune Models with NVIDIA TAO

State of the Art Models, Training and Customization for Vision AI



Full fine-Tuning

Update weights of entire model including the Foundation backbone

Last layer or Head fine-tuning

Freeze the Foundation backbone and fine-tune the last few layers

In-context Learning

Use visual prompting and model chaining to improve contextual awareness

