

NVIDIA Riva through LaunchPad on Platform Equinix®

Add Riva Speech AI skills to a conversational AI application

Companies across all industries interact with customers for billions of minutes every day. To use insights from these conversations and build better products, companies deploy conversational applications, such as customer care agent assists, virtual assistants and digital avatars. These applications also need to enable interactions with users in many languages, understand industry-specific jargon and respond in real time.

Experimenting in an on-premises data center is often not instantaneous since accelerated compute isn't yet an IT standard resource. The need to quickly develop and test AI applications and end-to-end solutions on private infrastructure is what NVIDIA LaunchPad on Platform Equinix provides.

Why try NVIDIA Riva Enterprise on NVIDIA LaunchPad?

The NVIDIA Riva Enterprise experience on LaunchPad provides enterprises with immediate, short-term access to Riva running on private, accelerated computing infrastructure globally. Running on NVIDIA-Certified Systems in a modern enterprise data center, the experience provides state-of-the-art speech AI models, fully accelerated pipelines and tools to quickly develop real-time, high-accuracy speech-based workloads. Developing with Riva's automatic speech recognition (ASR) and text-to-speech (TTS) skills helps enterprises reach production faster in the deployment of their conversational AI applications.

By combining the power of NVIDIA AI with the global reach and ecosystem access of Equinix, enterprises can accomplish their budgeted AI projects faster than ever before. No more project delays due to:

- Waiting for delivery of new server hardware
- Limited access to accelerated hardware
- AI software knowledge gaps and silos

About NVIDIA

NVIDIA's (NASDAQ: NVDA) invention of the GPU in 1999 sparked the growth of the PC gaming market and has redefined modern computer graphics, high performance computing and artificial intelligence. The company's pioneering work in accelerated computing and AI is reshaping trillion-dollar industries, such as transportation, healthcare and manufacturing, and fueling the growth of many others.

[Nvidianews.nvidia.com](https://nvidianews.nvidia.com)

About Equinix

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success.

Equinix.com



LaunchPad on Platform Equinix

NVIDIA LaunchPad is a free program that gives enterprises immediate, short-term access to a large catalog of hands-on labs running on Equinix private accelerated compute infrastructure. The solution accelerates the development and deployment of modern, data-driven applications. It enables rapid testing and prototyping across the entire AI workflow on the same complete stack you can deploy at scale.

NVIDIA LaunchPad resources are deployed in regions across the globe on Platform Equinix. These resources include NVIDIA DGX systems, powered by NVIDIA A100 Tensor Core GPUs and AMD EPYC™ CPUs, and NVIDIA-Certified Systems enabled by Equinix Metal® running the entire NVIDIA AI software stack—from leading tools like TensorFlow and PyTorch to application frameworks focused on vision AI, medical imaging, cybersecurity and more.

Benefits

NVIDIA Riva on LaunchPad enables you to experience:

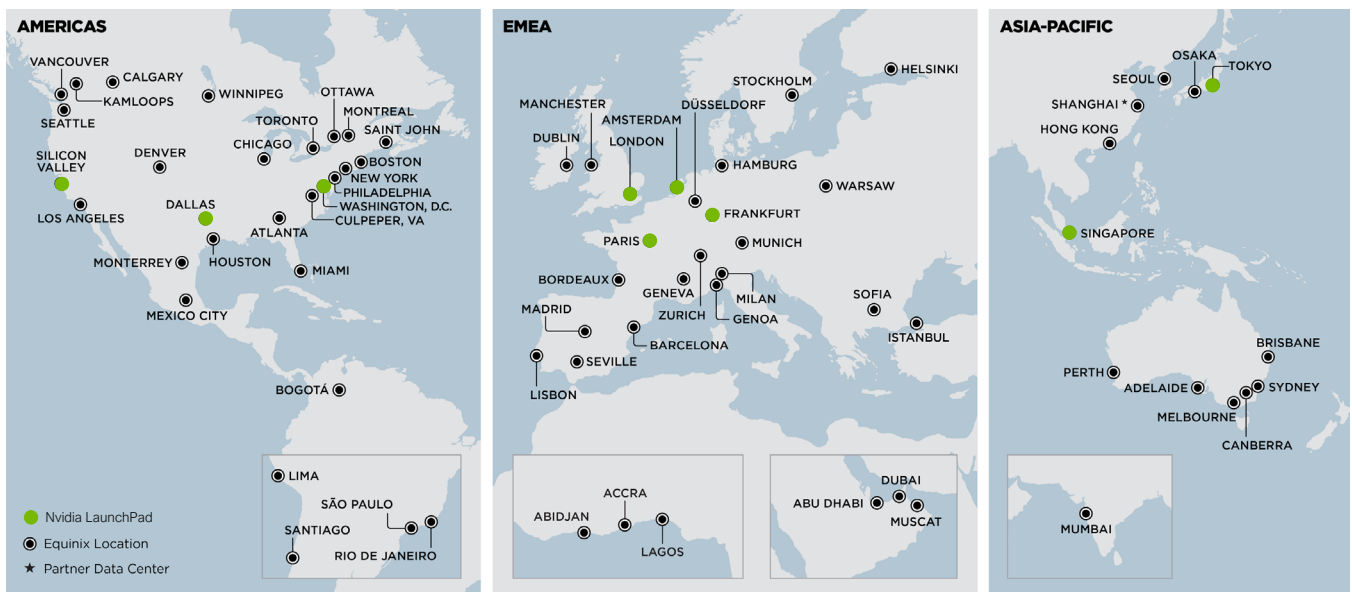
- Free, hands-on labs to engage a real-time speech AI API and add the Riva speech AI to conversational applications handcrafted for Devs/AI practitioners, IT administrators and executives.

- Benefits from high availability and easy scaling of NVIDIA DGX and NVIDIA-Certified servers (enabled by Equinix Metal) in multiple regions globally, interconnected with Equinix Fabric® for high performance and access to cloud environments and private data lakes.

Use Cases

NVIDIA LaunchPad enables quick testing and prototyping across the entire AI workflow with modern access-anywhere, cloud-based interfaces into private compute, storage and network infrastructure. A set of hands-on labs for AI practitioners, data scientists, 3D designers and IT professionals is available for users to make quick use of LaunchPad. Within these labs, teams can train a model using TensorFlow, perform sentiment analysis with NVIDIA RAPIDS, deploy Speech AI skills with NVIDIA Riva to support chatbots using Fleet Command and more. LaunchPad covers a wide spectrum of use cases, from complex AI development and training on one end to low-latency data analytics and inference at the edge on the other.

NVIDIA LaunchPad for testing and prototyping enables enterprises to quickly experience the same complete stack for the entire AI workflow. Confident software and infrastructure decisions can then be made, resulting in the successful deployment of AI workloads across data center locations and at the edge.





EQUINIX

Technical Details

Compute systems

- NVIDIA DGX™ A100
- Mainstream NVIDIA-Certified Systems™ enabled by Equinix Metal
 - GPU: 1x A40 or A30 or A100

AI and data science software

- NVIDIA Riva SDK
- NVIDIA Morpheus SDK
- NVIDIA NeMo SDK
- NVIDIA TAO Toolkit
- NVIDIA Triton Inference Server
- PyTorch
- TensorFlow
- NVIDIA Omniverse
- NVIDIA AI Enterprise on VMware vSphere
- NVIDIA Base Command™
- NVIDIA Fleet Command™

Connectivity and networking

- Equinix Fabric
- Equinix Metal

Hands-on experiences with support and onboarding assistance

Ready to get started?

To experience Riva Speech AI skills in an end-to-end workflow, [sign up](#) for an NVIDIA Riva on LaunchPad experience at Equinix.



Drive your future forward on Platform Equinix®

Platform Equinix is a global digital infrastructure platform. It is the only platform that allows digital leaders to reach the most strategic global markets with the largest ecosystem of digital partners, with infrastructure that assembles and deploys virtually in minutes.