

Simplify and Secure Your Al and Cloud Journey

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Simplify Al

Accelerate and scale AI on managed, cost-effective infrastructure with Intel® Tiber™ Developer Cloud and AI Studio



Intel® Tiber™ Developer Cloud

Boutique Al Cloud Services

Build & Deploy AI at Scale

Develop models, applications & solutions, deploy production workloads at scale. Deliver **10-100X** more performance using common tools.

Maximize AI Compute Resources

Choose the best accelerator for every use case for optimal price-performance. Customers gained **up to 400%** cost savings for select Al workloads vs. on-prem or another CSP.²

Open Software, Open Platform Advantage

Provides choice in hardware. Supports a wide range of optimized models, frameworks & tools. Compatible with open source LLMs & GenAl products.



Used by developers, companies & partners

Performance varies by use, configuration, & other factors. Performance results are based on testing as of dates shown in configurations & may not reflect all publicly available updates.

Learn more at www.Intel.com/PerformanceIndex & intel.com/content/www/us/en/developer/articles/technical/software-ai-accelerators-ai-performance-boost-for-free.html.

2. Prediction Guard case study, CIO.com Seekr article. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

Trusted by Thousands of AI Experts & Devs

Intel® Tiber™ Developer Cloud



Achieve Significant Cost Savings & Scale



Building Trustworthy LLMs for Evaluating & Generating Content at Scale

Solution

Trusted AI content evaluation with an LLM platform, development toolset & content analysis/scoring tool

Pain Points

Networking, AI workloads required immense compute capacity, high infrastructure & energy costs

Technology Foundation

Transitioned from colo provider GPU/CPU systems & on-prem Nvidia GPU A100 systems to Intel[®] Tiber¹⁷ Developer Cloud

- Intel[®] Gaudi[®] 2 Al accelerators for audio scoring inference
- Intel® Max Series GPU + Intel-optimized PyTorch for audio transcription & diarization
- 4th & 5th Intel Xeon processors
- Hugging Face Optimum Habana & Habana PyTorch APIs, Intel[®] Kubernetes Service

Learn more: <u>Seekr case study</u> | <u>Blog</u> | <u>CIO.com article</u>¹ | <u>press release</u>

Business Value

2X inference volume, **50**% faster inference

20% faster AI training

• **40**% to **400**% cost savings for select AI workloads



Benchmark Source: Seekr. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy

Intel® Tiber™ AI Studio (formerly: cnvrg.io)

An end-to-end platform for getting better models into production, faster



cnvrg.io Continuous training and deployment of AI

Avishay Sebban, Solution Architect Lead EMEA





Getting value from Al is hard

Al projects take too long to deliver value, if they're delivered at all According to Gartner research, a bare majority of AI projects eventually move beyond the lab into production

It takes an average of

9 months

to get out of the lab

Data scientists spend too much time on incidental tasks



cnvrg.io Overview

Built by data scientists for developers of AI applications

- A platform to automate the **continuous training and deployment** of AI and ML models.
- Manages the entire lifecycle: data preprocessing, experimentation, training, testing, versioning, deployment, monitoring, and automatic retraining.
- Enables developers to train and deploy on **any infrastructure at scale**
- cnvrg.io Metacloud is the cnvrg.io platform offered as a managed service



- · Up to 5x faster model training
- Up to 50% increase in compute utilization

cnvrg.io: Operating System for Al

Everything needed to build and deploy AI on any infrastructure





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Control Plane

Management layer for datasets, model code, jobs, model performance, cluster and resource statistics

AI Library

Package manager for algorithms and data components, with Git integration for adding your own repositories

Pipelines

Drag-and-drop interface for building end-to-end ML pipelines

Orchestration and Scheduling

Kubernetes-based meta-scheduler for orchestration, scheduling, and scaling across clusters

Compute and Storage

Connect your own compute and storage, or choose partner-provided resources from our marketplace

cnvrg simplifies ML workflows from end to end



cnvrg.io Marketplace: Al infrastructure with cloud-native simplicity



- Self-service selection of partner and OEM compute/storage
- Choose CPUs, GPUs, Gaudi and tensors, Al accelerators, storage in customizable sizes
- Choose partner clouds, or cloud-like deployment on-prem
- No more waiting for infra and ops teams to stand up resources
- Menu-driven, point and click configuration settings
- MetaGPU Capabilities

cnvrg.io works with all popular K8s distributions

All major CNCF-compliant K8s distributions, including

OpenShift VMware EKS, AKS, GKS

cnvrg.io control plane contains all of the MLOps logic – installs as a K8s operator on any supported distribution

K8s taints and tolerations restrict pods to appropriate clusters, e.g., GPU jobs only running on GPU-enabled clusters



Competitive Landscape

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Thank you CNVrg.io