💬 **INDUSTRY LEADER** **+** **Verta**

Leading Business Collaboration Platform Deploys Models Faster with Verta MLOps

A leading business communications and collaboration platform utilizes machine learning to prevent abuse, make recommendations, and improve user experience.

The Challenge

A leading business collaboration platform's ML Engineering team regularly serves new machine learning models to production. Their lead ML Engineering Manager describes how processes prior to Verta were problematic.

No clear method for moving ML models to production

"In the beginning, serving a model to production was a big question each time," he remembers. Having to "reinvent the wheel" each time the team served a model led to significant inefficiencies.

Internal solutions were limited by engineering capacity

ML Engineers built a simple solution to serve models to production, but this pursuit was constrained by time. "Because we're not a huge team and we didn't have the time to invest to make it robust or easy to use," recalls the ML Engineering team lead, "so we had to go out and look for a better solution."

Other solutions didn't work with existing infrastructure

"We have a lot of security requirements, and we have to be very careful with our customer's data," he explains. "We can't ship data outside of our VPC, so an externally hosted solution would just never work. It had to run on our infrastructure."

> " Verta is the biggest improvement in machine learning lifecycle and quality of life that we've had in the last four years. Going from 'That could take weeks or a month' to 'Hey, we can just do this in a day.' — that's a massive improvement."

ML ENGINEERING MANAGER, LEADING BUSINESS COLLABORATION PLATFORM

30x
FASTER TIME TO PRODUCTION

Daily
MODEL ROLL OUTS

Runs on Existing
KUBERNETES INFRASTRUCTURE

The Solution

Verta provided a unified MLOps platform that addresses major ML Engineering deployment and operations issues.

Faster implementation of new ML models

"The timeline for developing a new machine learning application involves a bunch of steps," the customer explains. "If we cut down on that timeline, we increase our iterations. And that's what Verta has let us do."

Verta works with existing infrastructure

Verta allows the customer to maintain strict data privacy and security controls. "Verta is basically built on our infrastructure," says the customer. "From our point of view, it's running within our VPC on our infrastructure in a way that satisfies our security requirements. No other vendor could do this."

More time for engineers

Most importantly, Verta has freed ML Engineers to focus on solving more strategic business problems. "The big thing for me as an engineering manager is I want my engineers working on things where their effort is really differentiated. They should be doing the things only an engineer can do," he asserted. "So, taking models to production have evolved — from creating a bespoke solution each time to now, with Verta, it's just a solved problem."

" Our core kubernetes infrastructure is very peculiar. The Verta solution was the only one customizable enough to fit our precise needs."

ML ENGINEERING MANAGER, LEADING BUSINESS COLLABORATION PLATFORM

VERTA MLOPS PLATFORM

Manage

Deploy

Operate

Monitor

COMPANY
Leading Business Collaboration Platform

VERTICAL
Collaboration hub

ABOUT THE LEADING BUSINESS COLLABORATION PLATFORM
A leading collaboration hub that brings the right people, information, and tools together to get work done. Millions of people around the world use the collaboration hub to connect their teams, unify their systems, and drive their business forward.

Contact Us

Verta