

ModelOp Center

Automate, govern and scale your AI initiatives

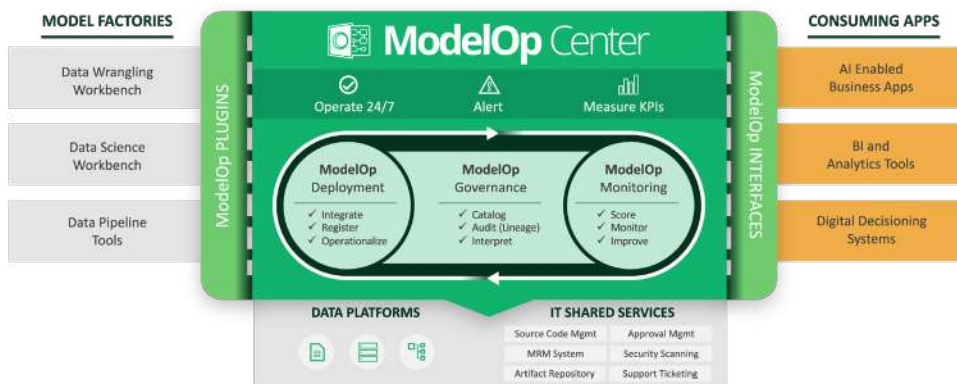
ModelOp Center automates the governance, management and monitoring of AI models across platforms and teams, resulting in reliable, compliant and scalable AI decision making.

BUSINESS CHALLENGE

As enterprises become increasingly reliant on AI models to help them transform and reimagine business, the challenges of managing AI models is on the rise. Multiple model development teams, tools and processes result in lengthy and costly time to production, model and data quality issues, and complicated and manual processes that fall short of governance and compliance requirements. On average, more than 50 percent of models never get into production due to insufficient model operational processes.

MODELOP SOLUTION

ModelOp Center automates the governance, management and monitoring of AI models across platforms and teams, resulting in reliable, compliant and scalable AI decision making. With the ability to integrate with IT applications, AI/ML development tools and business and technical processes, you can design and automate the full model life cycle and operate models at scale. Real-time monitoring ensures accurate and reliable inferences and insights and operational control over models. Detailed tracking of model changes provides auditability and reproducibility. A catalog of production models and metadata ensures model assets are visible across teams and financial impact is measurable.



ModelOp Center integrates with model factories and IT and business applications

KEY FEATURES

- Robust production model inventory
- Comprehensive model management for all model types, languages, frameworks and execution platforms
- Real-time, continuous monitoring that improves model performance and reliability
- End-to-end model lineage for full visibility and auditability throughout model life cycle
- Automated model life cycle that drives scalability and efficiency with appropriate AI governance and controls

KEY BENEFITS

- Reduce the cost and time of operationalizing models
- De-risk model use with comprehensive AI governance and auditability
- Future-proof and unlock investments in AI/ML tools and systems
- Bridge the gap between Data Science, Ops and IT teams
- Enables business accountability and visibility

PRODUCT DETAILS

Model development and model operationalization need to be a cohesive and sustainable process. ModelOp Center provides the visibility, governance, and automation needed for scalable and reliable AI decision making.

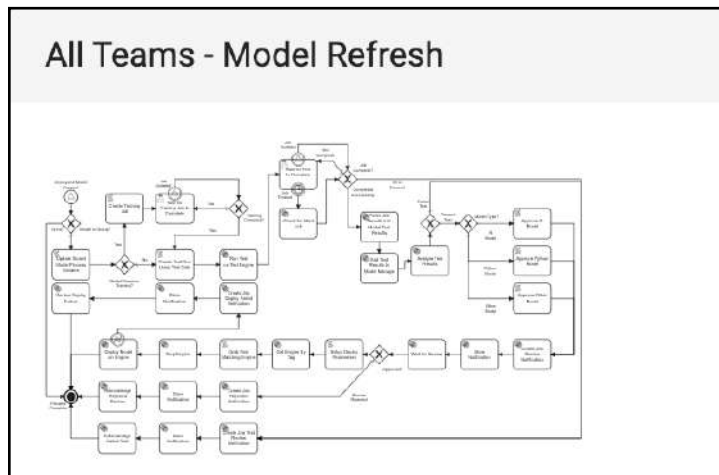
Visibility: Gain visibility into the operational status of all models across the enterprise, regardless of model type, where models are running, or model execution platform. With real-time visibility of model performance against statistical, business, and risk thresholds, you always know that your models are operating optimally and within risk controls. Custom views and reports are easily created using the rich metadata and model metrics maintained for each model.

Governance: Establish continuous AI governance with comprehensive model life cycles that integrate with the various data science, risk management and IT tools and processes involved in operationalizing and managing models. A comprehensive enterprise model inventory provides a consistent collection of a model's metadata and assets for ongoing management, including detailed versioning and history. End-to-end model lineage tracks each step in the model's lifecycle ensuring full auditability and reproducibility.

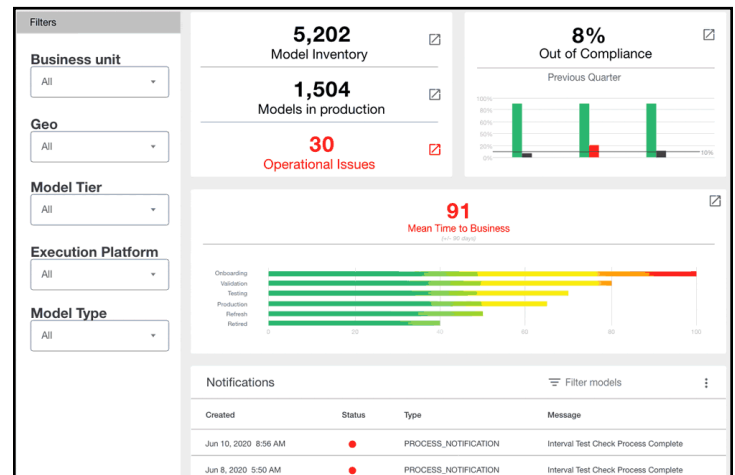
Monitoring: Automatically detect and remediate model performance issues. With real-time model performance monitoring, you always know the health of each model. Automated detection of model drift based on established thresholds along with retraining and redeployment and champion/challenger testing ensure model reliability.

Integration: Leverage and extend your investment in AI and IT tools and systems. Integration with model factories, workbenches, frameworks, cloud machine learning services, and IT shared services accelerates model production and minimizes further costs. Integrate with business intelligence visualization products to create the reports most important to your business.

Automation: Accelerate and manage operationalizing models with automated workflows that include both technical and business processes and KPIs. Easily customize workflows to meet your specific needs, orchestrating the entire model life cycle. Workflows can be shared across teams, allowing them to interoperate and work together, providing you flexibility and control over your ModelOps process.



Design and automate model lifecycle workflows



View state and status of deployed AI models

ModelOp helps enterprises unlock the transformational value of AI and Machine Learning investments by creating fully operationalized and transparent, traceable, explainable, and compliant model life cycles for every model in business. ModelOp was founded in 2016 by industry veterans with deep expertise in data science and large-scale enterprise IT operations. Backed by leading industry luminaries and visionary venture capital, ModelOp has offices in Chicago, IL; Salt Lake City, UT; and San Jose, CA.

It's real. It's achievable.

Reach out to us to learn more: modelop.com/contact

