



CIO/CDO National Virtual Summit

October 28, 2020



ModelOps

Scale and Govern AI initiatives



Stu Bailey,
Co-founder and Chief Enterprise AI Architect
ModelOp

“

**ModelOps lies at the center
of any organizations’
enterprise AI strategy**

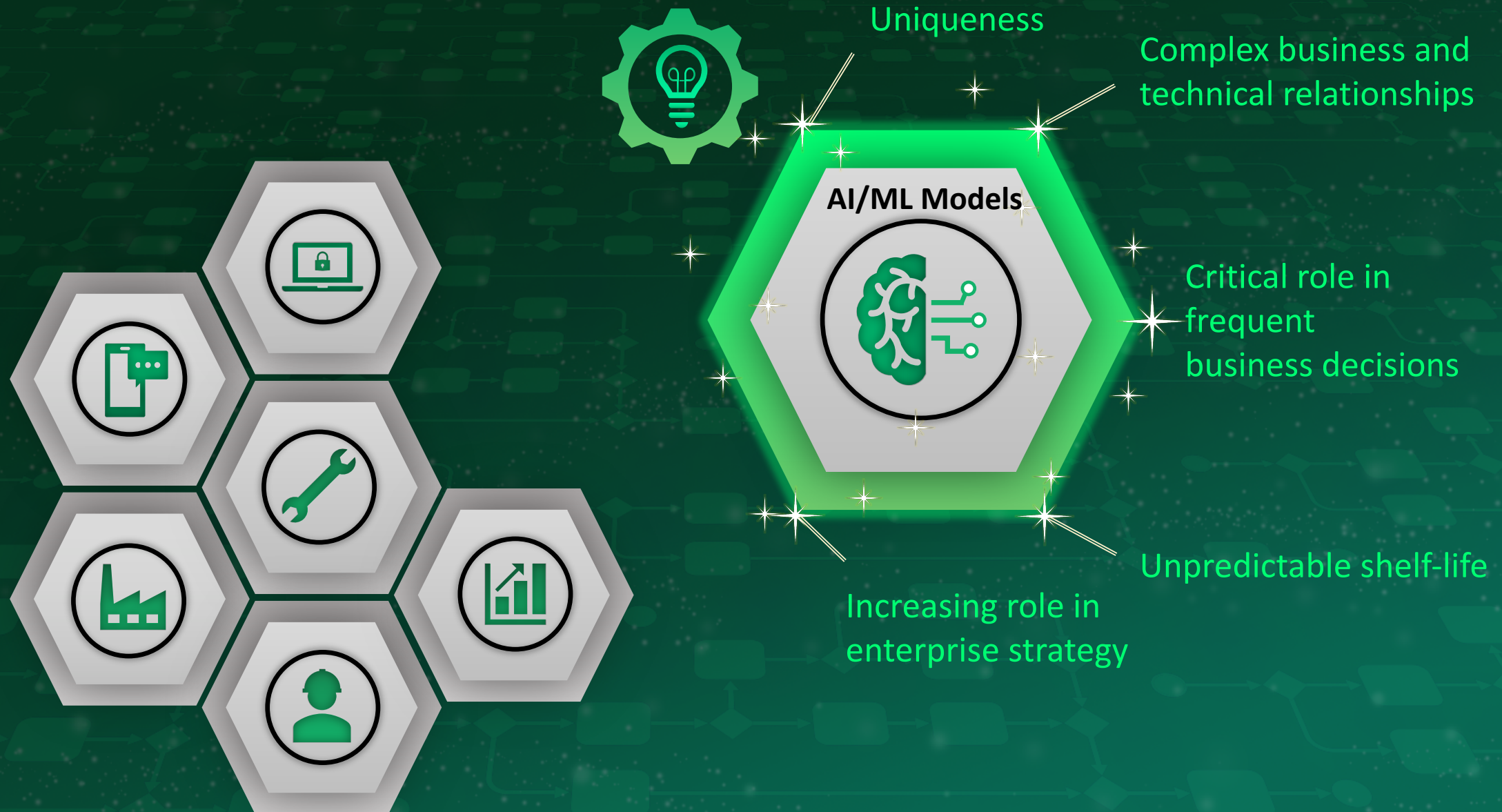
Gartner

“Innovation Insight for ModelOps”, Farhan Choudhary, Shubhangi Vashisth, Arun Chandrasekaran, Erick Brethenoux, 6 August 2020

Why ModelOps?

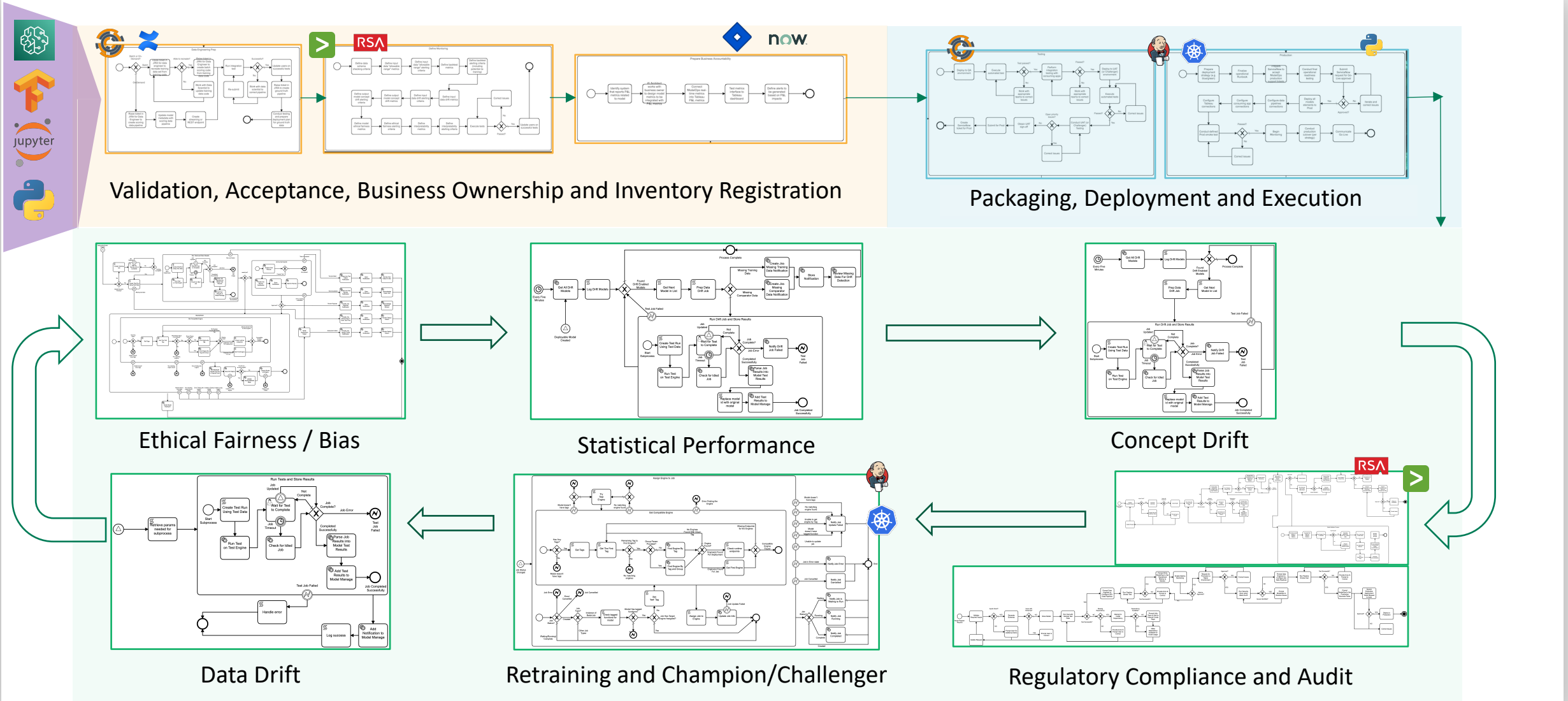
- Control Risk
- Shorten Models Time to Business
- Increase Transparency
- Unlock Value of AI Investments

AI/ML Models are Challenging Enterprise Assets to Manage and Operate

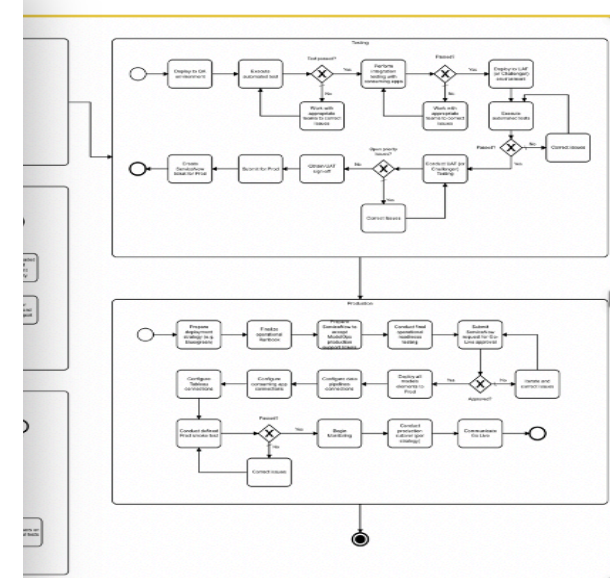
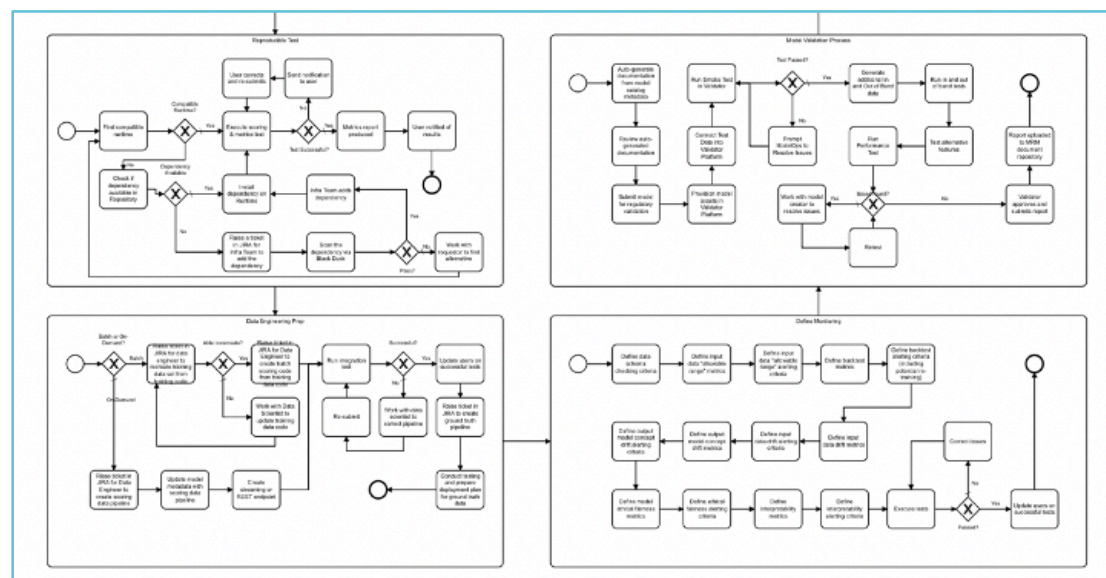


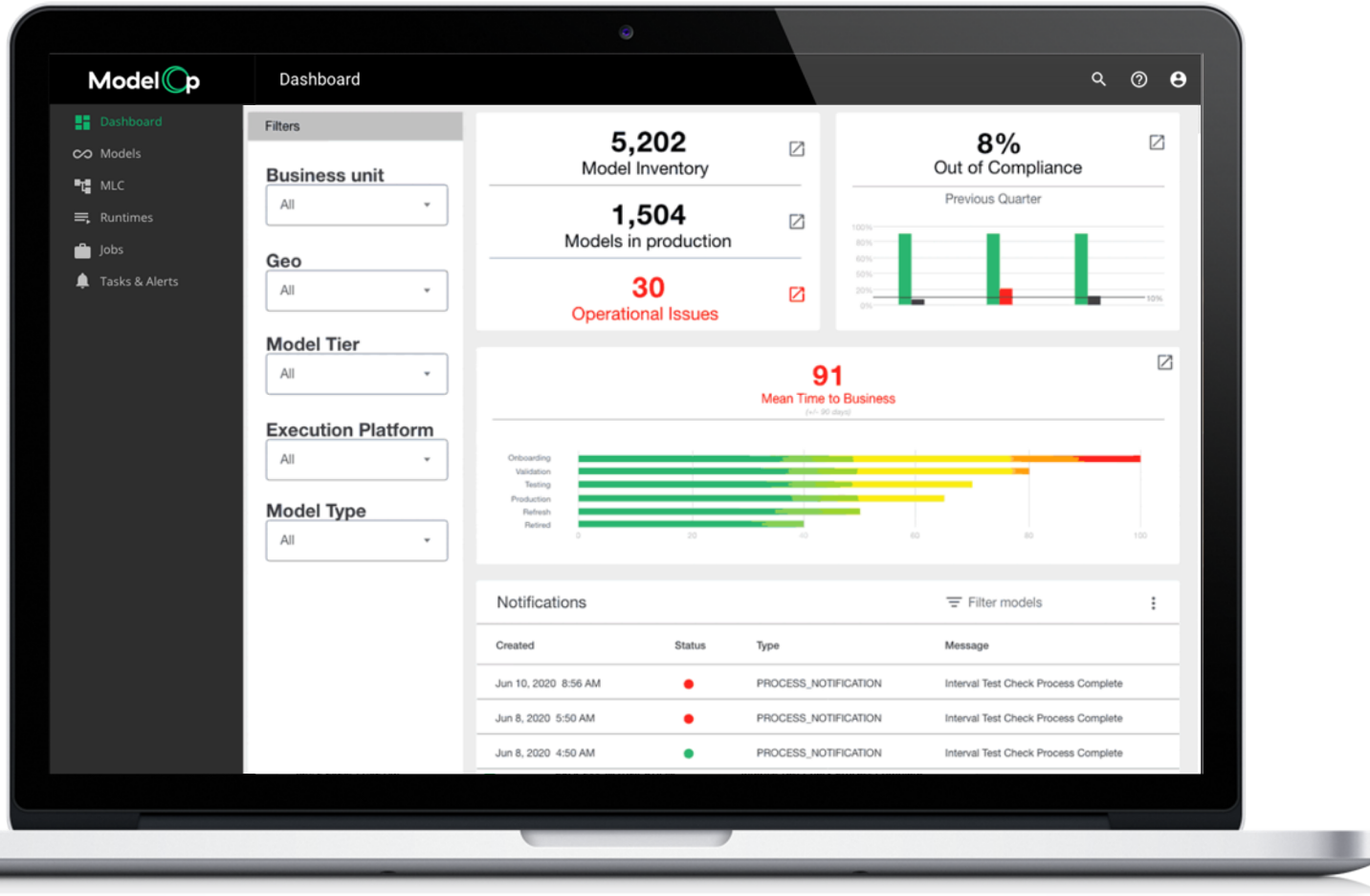
Each Model has its own Life Cycle and KPI's

Fraud Detection MLC



MLC across the enterprise





POST DEVELOPMENT

MODEL LIFE CYCLE AUTOMATION

MANAGE | GOVERN | MONITOR

ANY KIND OF MODEL

TECHNOLOGY CENTER

SHARED SERVICE

CLOUD, RUNTIME, DEV PLATFORM

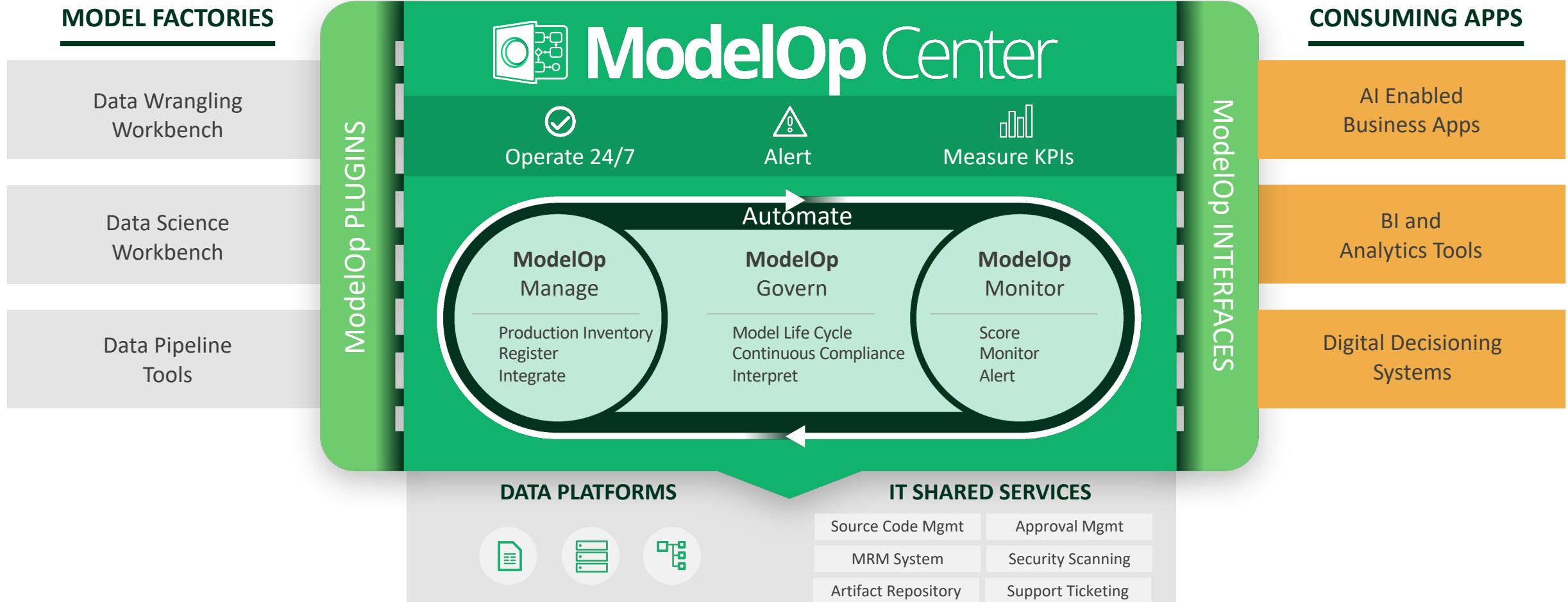
AGNOSTIC

FORTUNE 500

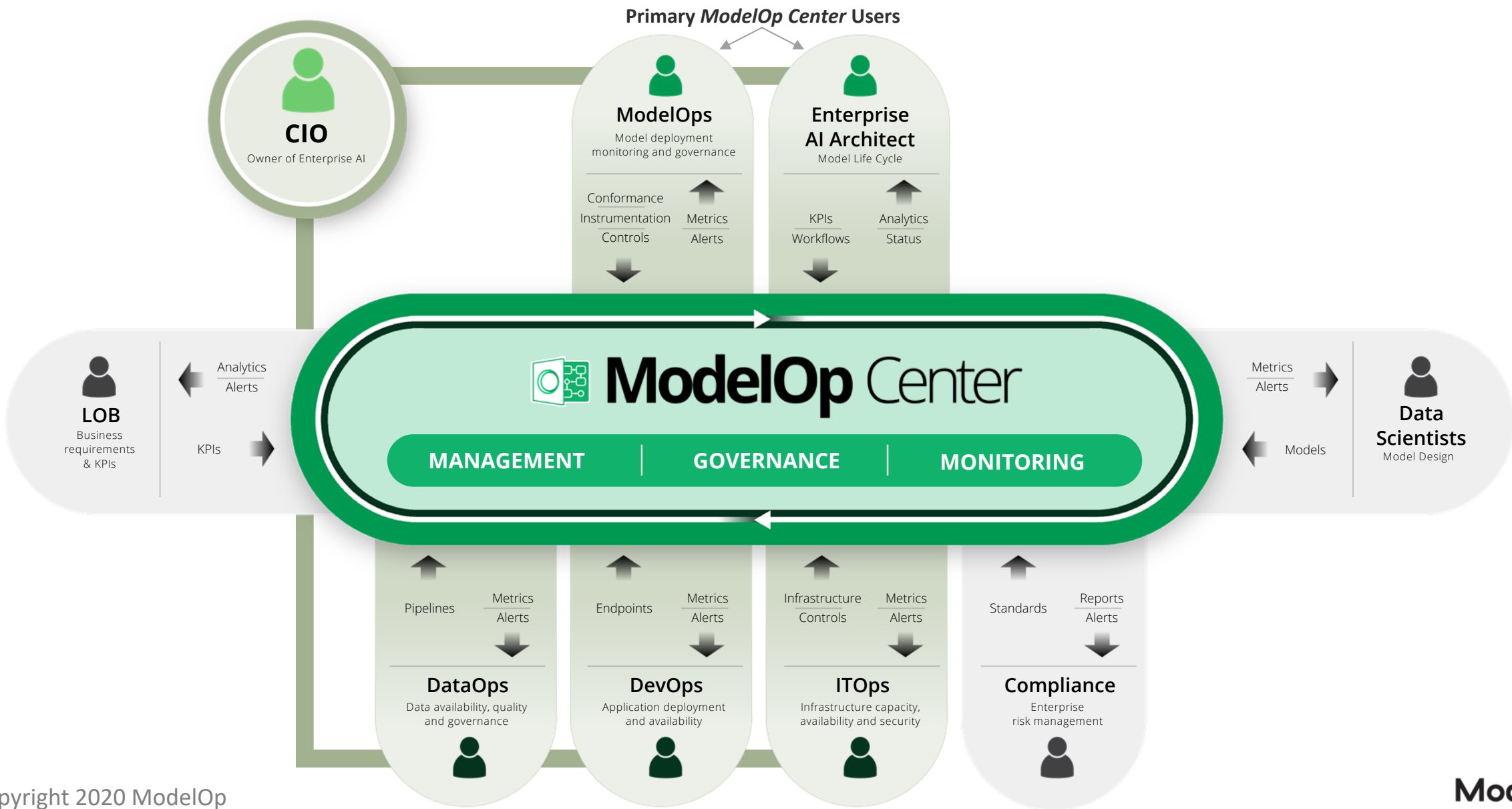
DIVERSIFIED ENTERPRISES

ModelOp Center

LEVERAGE EXISTING ENTERPRISE IT/AI INVESTMENTS | CLOUD NEUTRAL, HYBRID AND MULTI-CLOUD



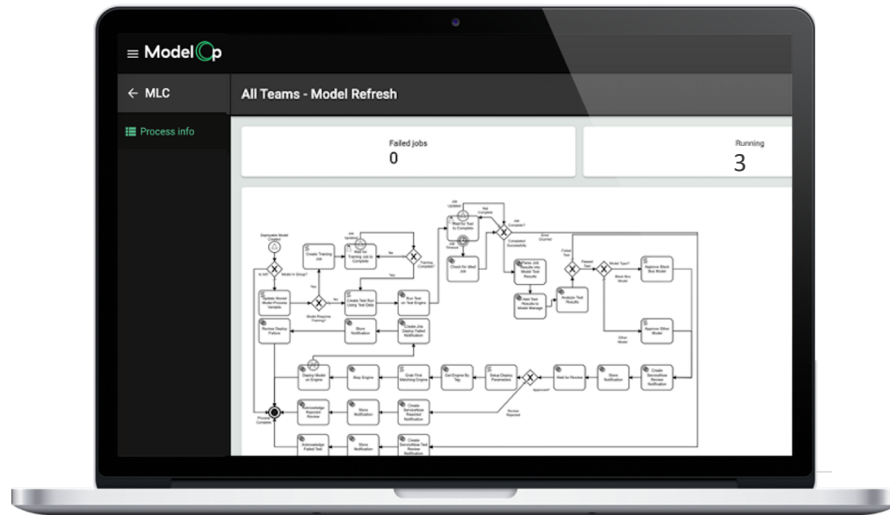
Enterprise AI Organization



New Roles



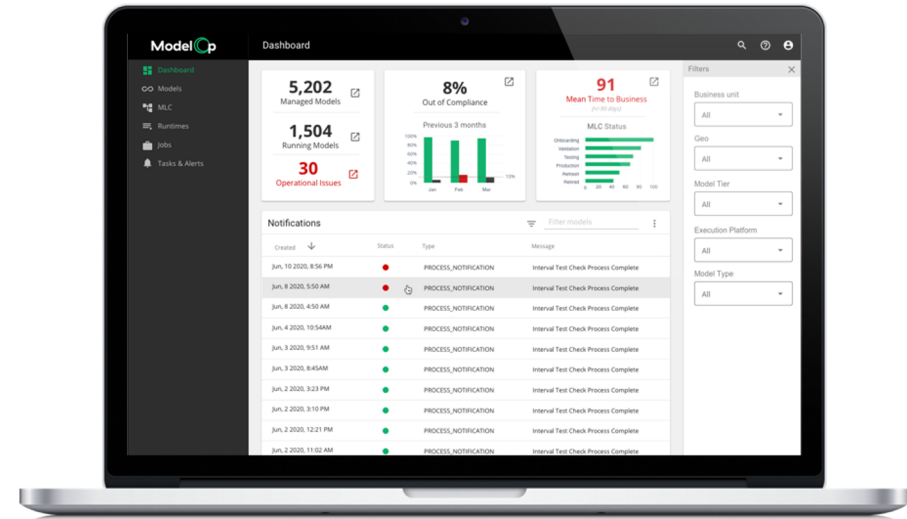
Enterprise AI Architect



- Defines the architectural strategy and best practices for model operationalization
- Designs Model Life Cycles



Model Operators



- Ensures that models are operating and conforming to business, technical and compliance KPI's 24x7
- Primary ModelOp Center User

Questions ModelOp Center Answers

How many models are in production?
What applications and processes
depend on AI Models?

Are results
reliable/accurate?

Where are models
running? How long
have they been in
business?

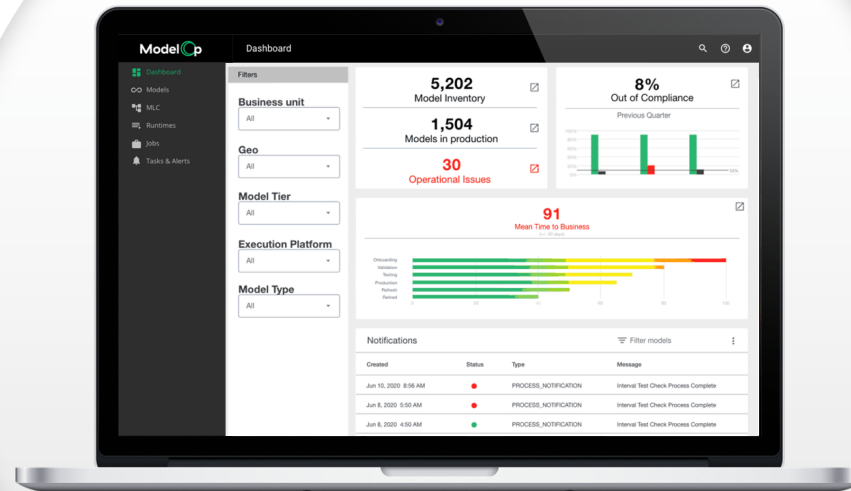
Are compliance and
regulatory requirements
being satisfied? Can that
be proven?

Have models been
validated and approved?
Who approved them?
What tests were run?

Are models performing
within controls/thresholds?

What decisions are models
making – inferences and
scoring?

What is the ROI for
the model?





Thank you



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ModelOp puts your models in business with the industry's leading enterprise-class ModelOps software solution. Large enterprises use ModelOp Center to Scale and Govern AI initiatives.