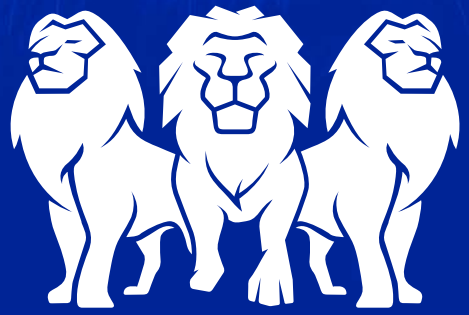
Omniscience Introduction



OMNISCIENCE

Brute Force Intelligence™

March 27, 2019

Company Confidential

Hubert H. Byron III (Coy)
Director of Sales
coy@omni.sc

Omniscience: World Economic Forum

OMNISCIENCE

About Omniscience

OMNISCIENCE

PROFILE

Origins

IARPA

Team

Internet Scale Experienced

Software

“Brute Force” Execution of Models, Algos, Analytics

Value

- 99% faster underwriting
- $100+ Million Capital Freed

SOLUTIONS & MARKETS

Challenges to Modeling the Real World

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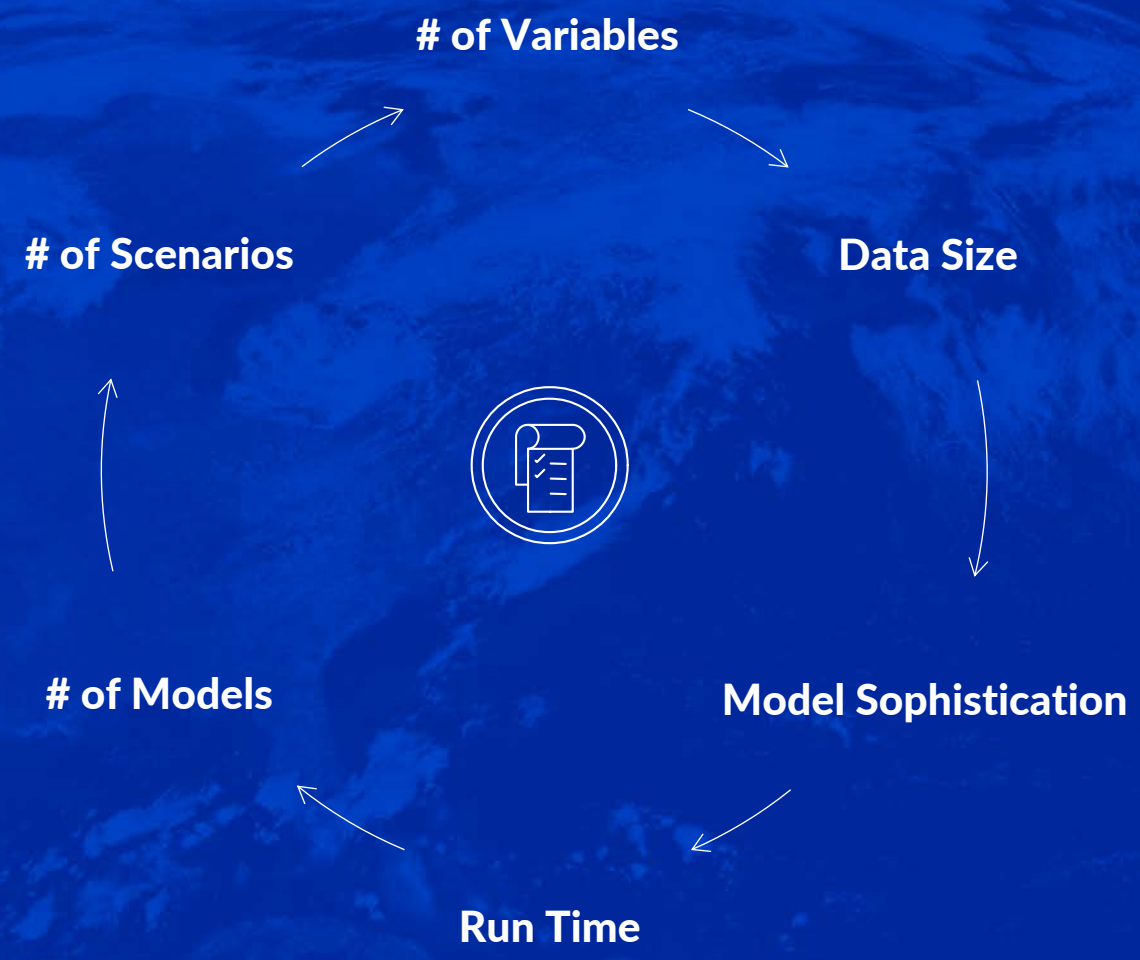


Omniscience Software Suite

OMNISCIENCE

Omni Accelerator & Scenarios™

Fine-grained distributed execution of models, algorithms, formulas—e.g., stochastic and nested stochastic and auto-generation of millions of scenarios

Omni STP Engine™

Increase straight-through-processing rates with machine learning & full regulatory explainability.

Omni Advisor™

Increase the productivity & proficiency of your underwriters or other SMESs with machine learning-powered recommendations

Omni Model Manager™

Omni Queue Optimizer™

Use predictions to match underwriters or other SMEs to cases to optimize throughput & policy compliance

Omni Auditor™

Automate compliance reviews across 100% of your book of business – instead of labor-intensive spot checks

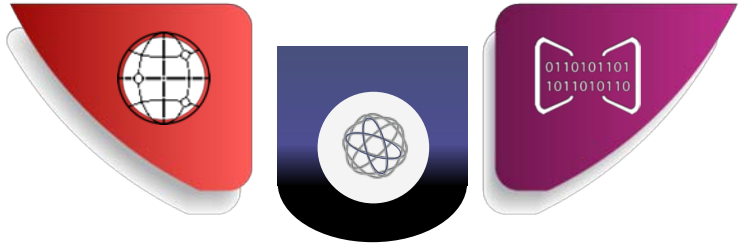
Allow your employees to govern, tune, test, and change manage models

Omni MegaMeld™

Leverage third-party data to reduce data input required by applicants & validate information

Omni Digitization™

Advanced text analytics & MegaOCR™



Omni Predict™

Predict potential future risk/opportunity of different scenarios (investment, events, etc.)

Underwriting (& Claims)

OMNISCIENCE

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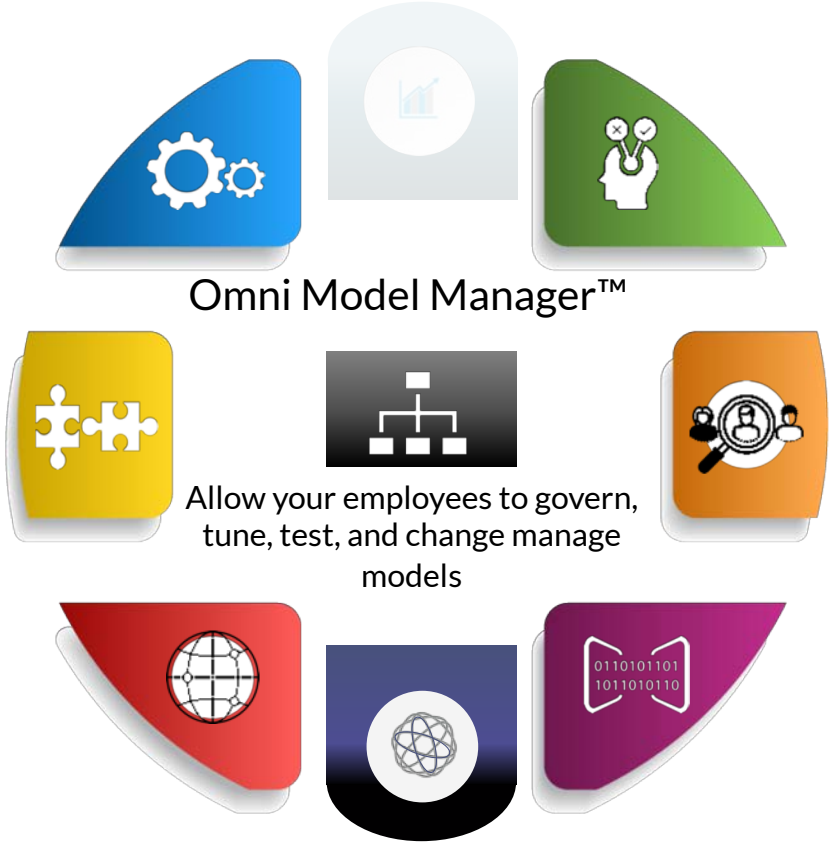

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Modeling, Risk, Asset Mgmt, (& Fraud)

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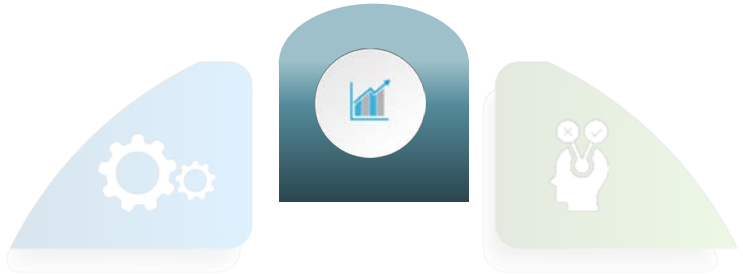

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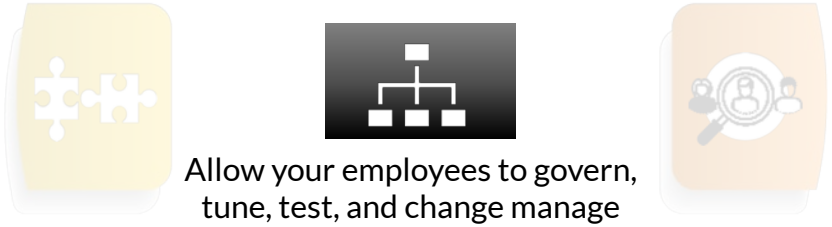

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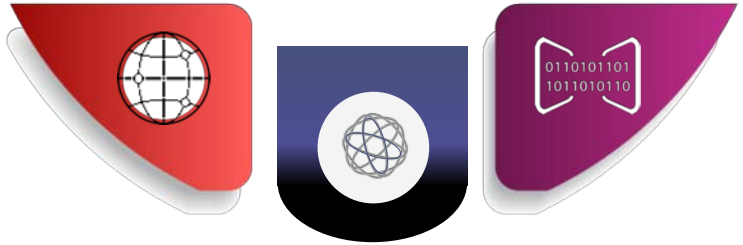

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Client Engagement Model

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CUSTOMER PROFILE

- Executive sponsorship
- Collaborative culture
- Opportunity for a material impact on the business

ENGAGEMENT MODEL

Scope

- Executive Meeting
- Visioning Workshop
- Executive Review & Proposal Approval

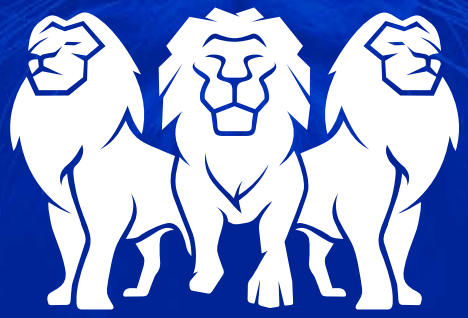
Build

- Phase 1 Build
- Executive Review

Deploy

- Production Deployment
- Go-Live

Thank you



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