

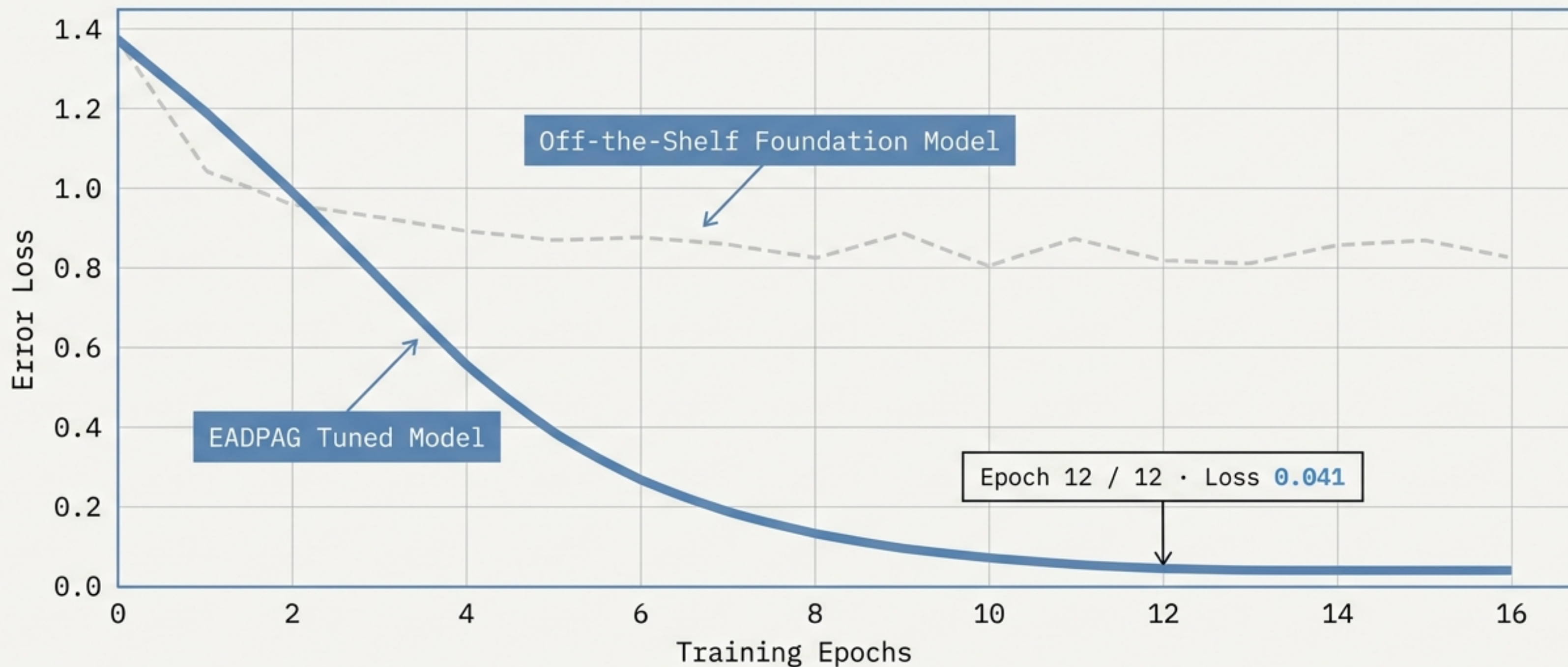
# Precision AI Model Calibration

Engineering enterprise-grade foundation models  
calibrated for production realities, not generic benchmarks.

SYS.STATE: ● ONLINE | TARGET: DEPLOYMENT

# Production dictates performance.

Every engagement starts from your model's baseline and is calibrated against your **production data**, not a generic benchmark.



# The Model Calibration Gap

	Off-the-Shelf Foundation Models	<b>EADPAG Tuned Models</b>
Vocabulary	Generalist terminology.	Mapped to industry-specific vocabulary and compliance constraints.
Cost & Latency	High overhead for inference.	Compressed via quantization and pruning for low-latency operations.
Data Requirements	Requires massive labeled datasets.	Few-shot & Zero-shot enabled; leverages transfer learning from base models.
Reliability	Probabilistic and unaligned.	Calibrated via RLHF and structured prompt design to mitigate bias and hallucinations.

# Fine-tuning is a measurement problem before it's a training problem.

We treat AI deployment as a rigorous engineering discipline. Every model is evaluated against your specific business metrics and continuously monitored for drift, ensuring we hold the line on both performance and security.

# The Calibration Toolkit

## Alignment

### **RLHF:**

Aligning model behavior with real user preference via human feedback.

### **Prompt Engineering:**

Structured context design raising reliability without retraining.

### **Bias Mitigation:**

Auditing outputs for fairness across sensitive attributes.

## Adaptation

### **Domain-Specific Tuning:**

Adapting foundation models to edge cases and compliance.

### **LLM Fine-Tuning:**

Full and parameter-efficient tuning for task-specific accuracy.

### **Multimodal AI:**

Joint tuning across data types.



## Efficiency

### **Model Compression:**

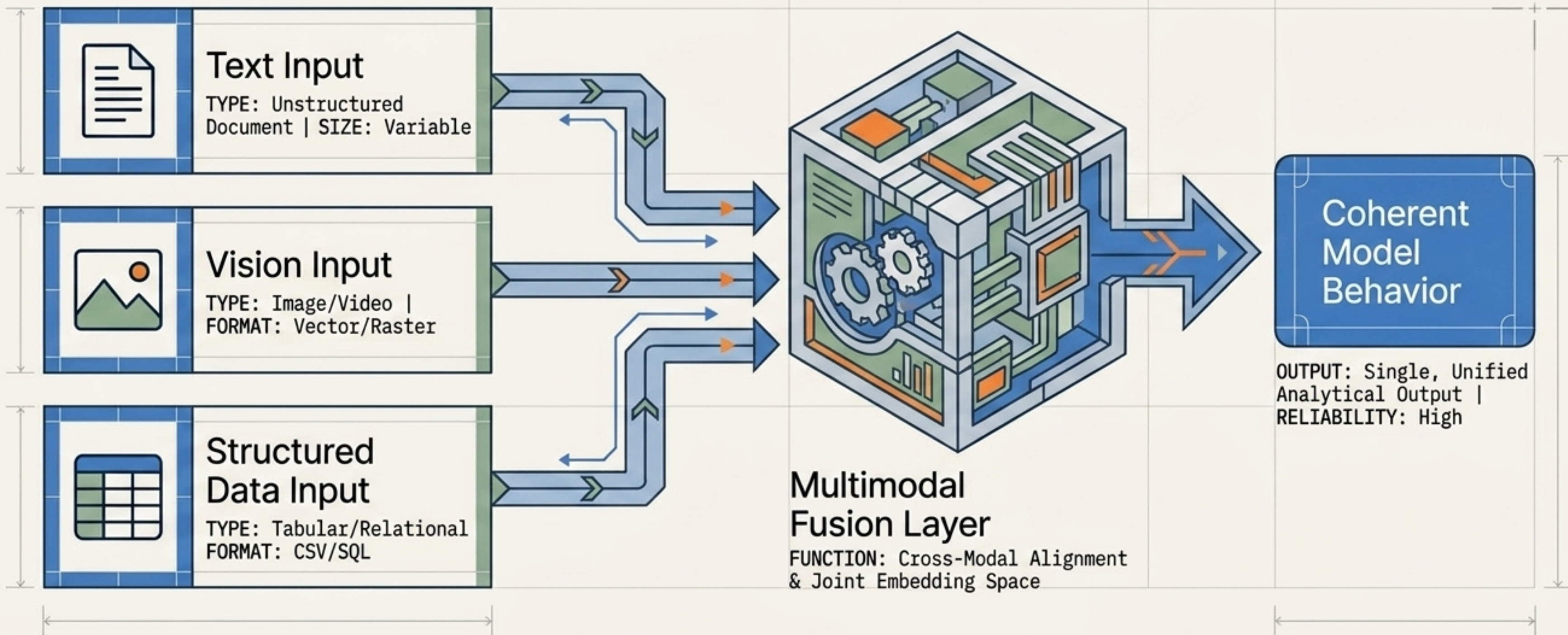
Quantization, distillation, and pruning for lower inference cost.

### **Few-Shot & Zero-Shot:**

Production-grade output from limited labeled examples.

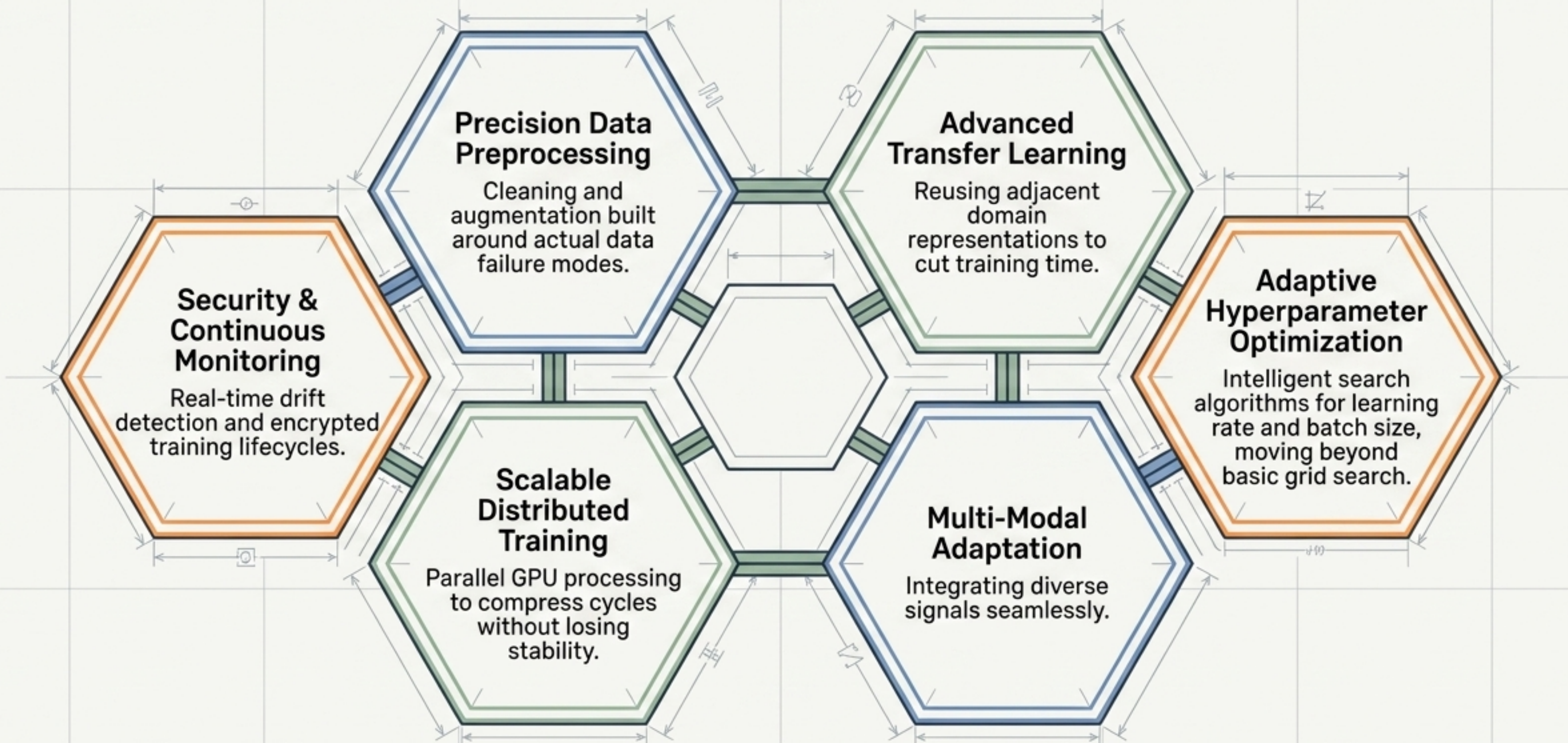
# Unified Model Reasoning

Joint tuning across isolated data modalities creates a single, coherent analytical output.

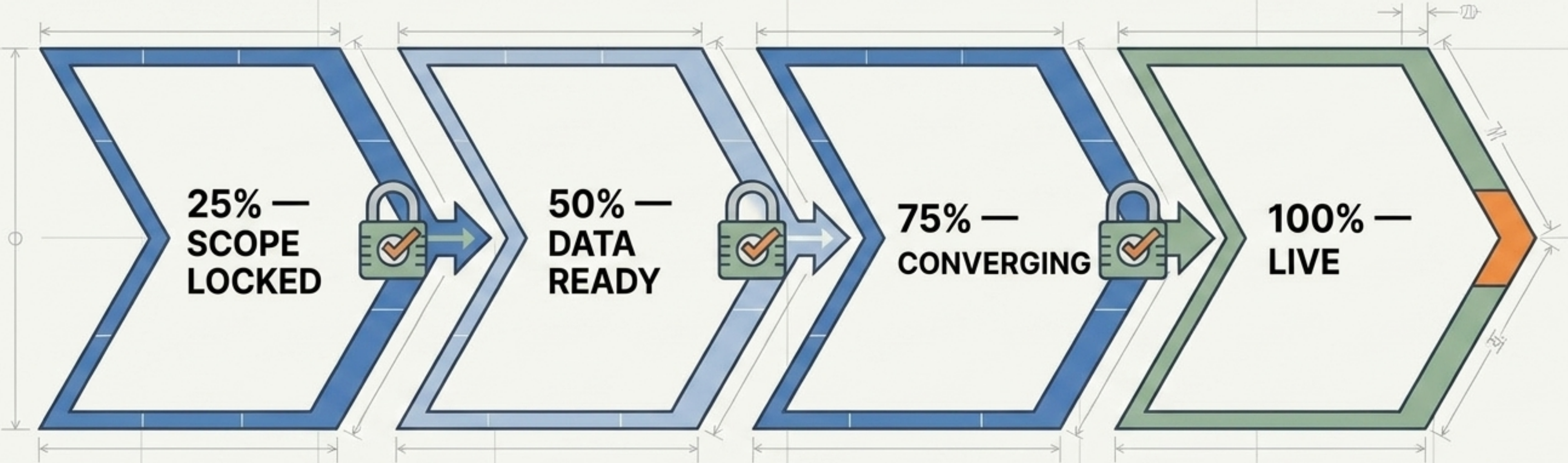


# The Mechanics of Precision

Six disciplines power every tuned model to minimize overhead and maximize stability.



# Four Stages. Measurable Checkpoints. One Deployed Model.



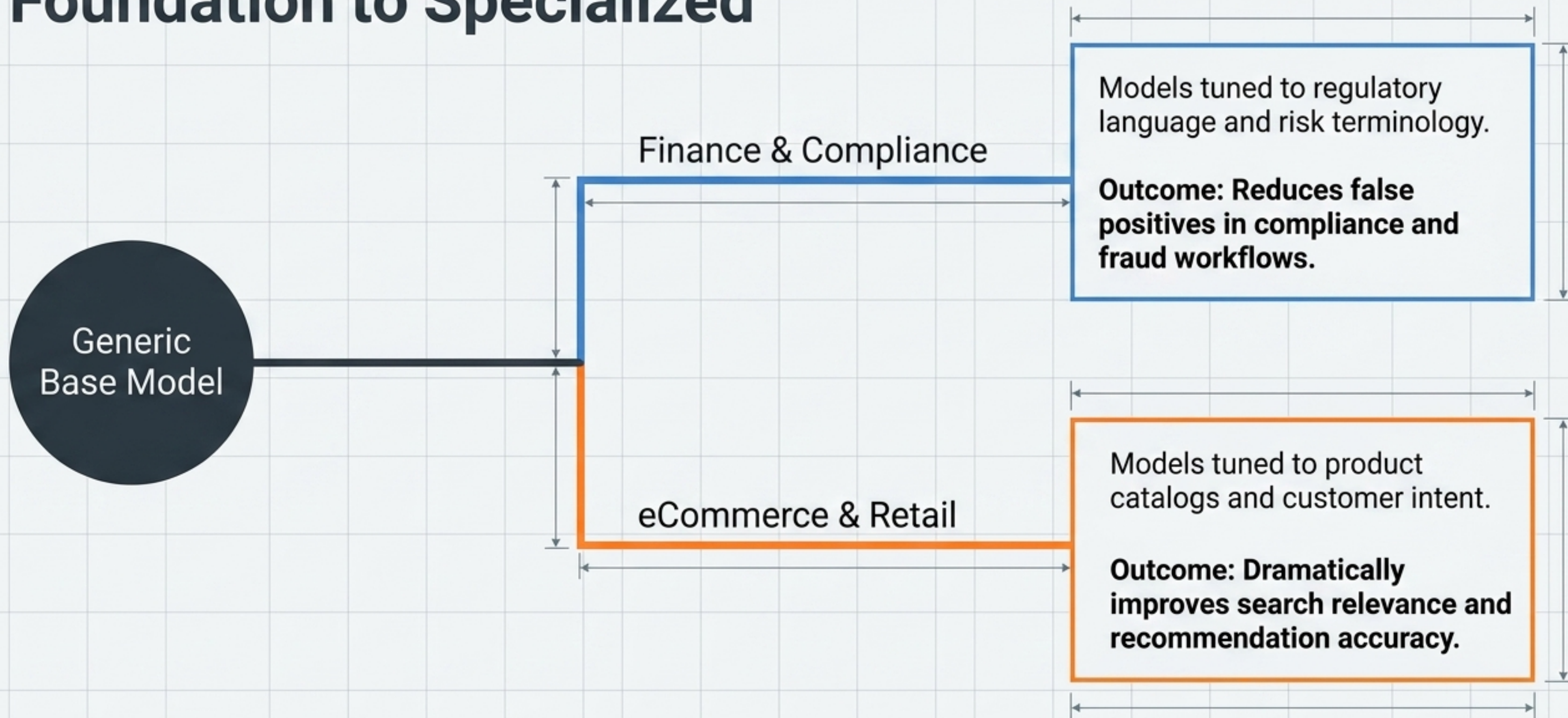
**Strategy & Planning.**  
Analyzing models and mapping a tuning plan against target metrics.

**Data Preparation.**  
Improving quality, normalization, and feature extraction.

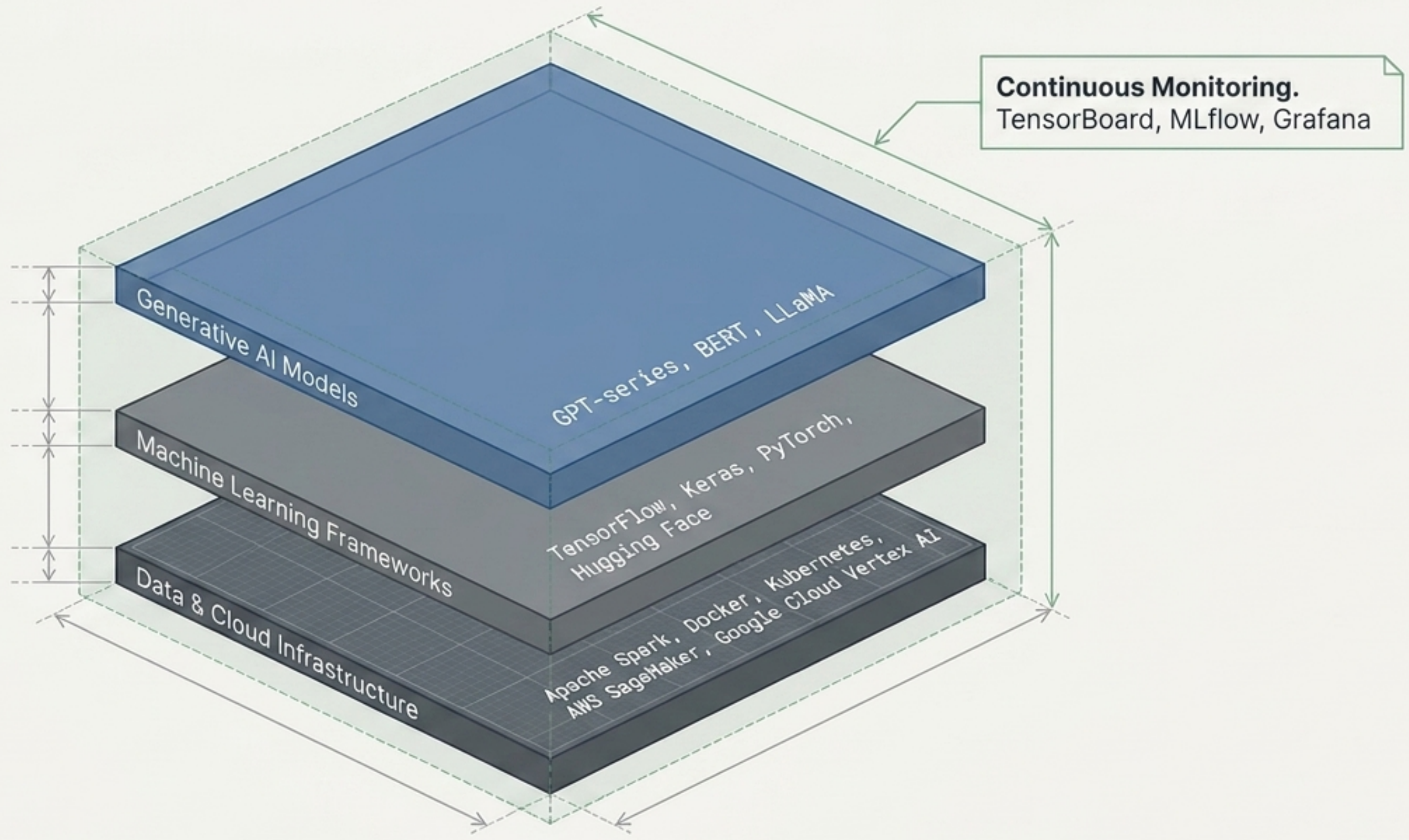
**Fine-Tuning & Optimization.**  
Adjusting parameters for complex, real-world tasks.

**Deployment & Support.**  
Seamless integration with continuous monitoring.

# The Industry Fork: From Foundation to Specialized



# Built for Reproducibility, Not Novelty



# The Telemetry of Execution

1200+



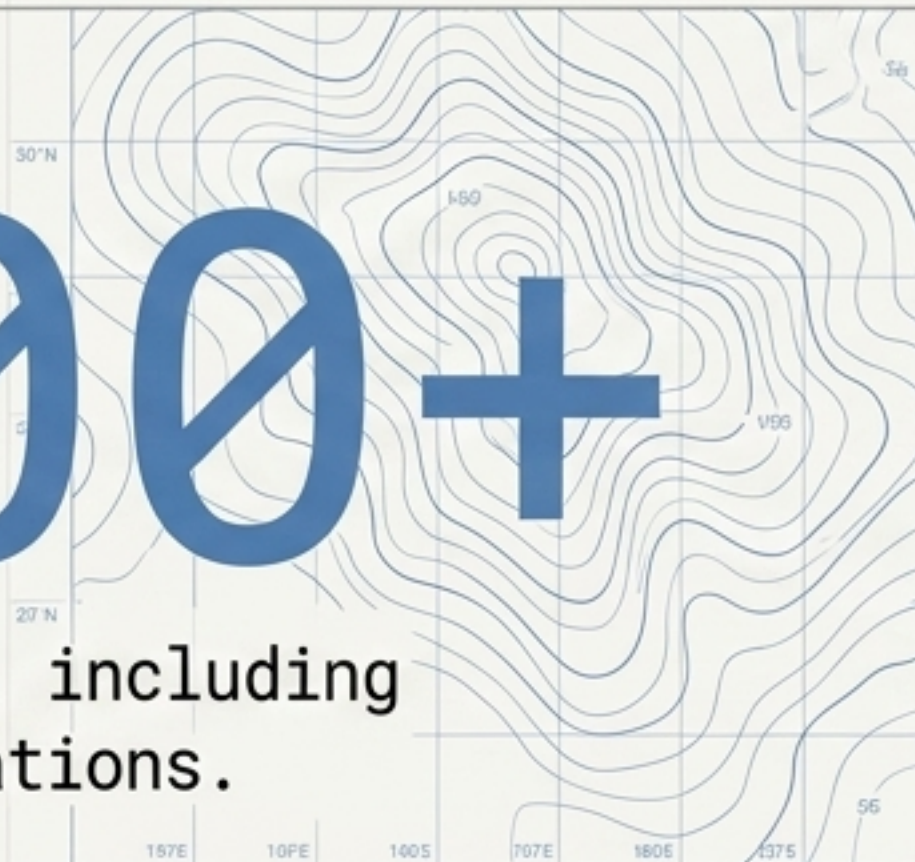
Successful AI Deployments (including 50+ bespoke fine-tuning solutions).

500+



Dedicated AI Experts.

2000+



Enterprise Clients, including Fortune 500 integrations.

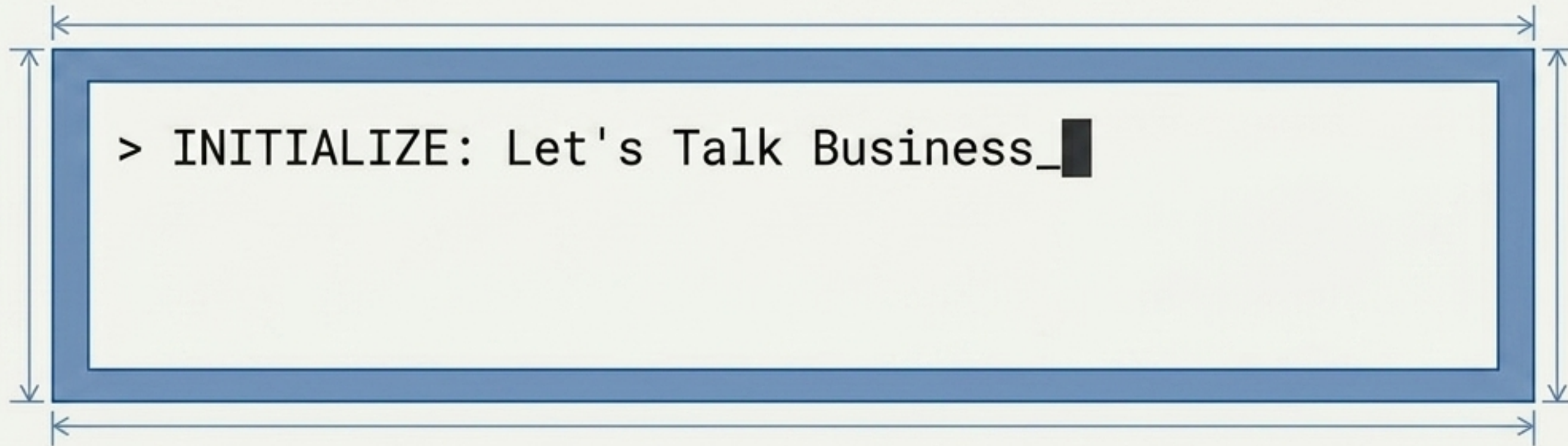
95%



Client Satisfaction Rate.

# Let's build the model your data deserves.

Tell us what you're building. An AI specialist will review your target metrics and follow up within one business day.



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> INITIALIZE: Let's Talk Business_█
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