

PORTFOLIO_ACCESS_GRANTED

00:45:45 UTC

LIVE

STREAMING ACTIVE

CAUSAL ENGINE SUITE

> MISSION-CRITICAL DATA PRODUCTS FOR GLOBAL
ENTERPRISE ATTRIBUTION AND DECISION
INTELLIGENCE.

208K EVENTS/SEC SUB-100MS LATENCY 9 PRODUCTION MODULES

GLOBAL STATUS

SYNCHRONIZED

85%

HEALTH

210,381

EVENTS

9/9

NODES

ATTRIBUTION KERNELS 9/9 ACTIVE



ML COMPUTE CLUSTERS SLOCKED



GOVERNANCE NODES CERTIFIED



LAUNCH_ALL_DEPLOYS

QUICK ACTIONS



ENTERPRISE-SCALE DATA PRODUCTS

PRODUCTION ATTRIBUTION ENGINES

INTELLIGENCE_SUMMARY

These are the 9 production-grade attribution engines currently deployed across Netflix, Disney+, Uber, Airbnb, and Meta. Each card represents a specialized causal inference system optimized for specific use cases.

TACTICAL_APPLICATION

Use this feed to monitor engine status, access performance metrics, and drill down into specific dashboards for detailed analysis of your attribution data.

TECHNICAL_SPECIFICATIONS

All engines are built with shared governance layers, sub-100ms inference latency, and automated MLOps pipelines. Architecture includes real-time streaming, Bayesian modeling, and synthetic control methods.



NETFLIX

● OPERATIONAL

ARTEMIS STREAMING ENGINE

HIGH-FIDELITY INCREMENTAL MARKOV-SHAPLEY ATTRIBUTION FOR 200K+ EVENTS/SEC.

PROJECT_KPI_TELEMETRY

208K EPS // 87MS LATENCY



NETFLIX / DISNEY+

● SECURE

PROBABILISTIC ID RESOLUTION

RESOLVING HOUSEHOLD ENTITIES VIA MULTI-FACTOR BEHAVIORAL FINGERPRINTING.

PROJECT_KPI_TELEMETRY

98.2% SIGNAL INTEGRITY



MARKETING CFO

● CALIBRATED

● SYNCHRONIZED

MEDIA MIX OPTIMIZER

ADVANCED BAYESIAN HIERARCHY FOR STRATEGIC BUDGET AND CHANNEL OPTIMIZATION.

PROJECT_KPI_TELEMETRY

94.2% MODEL CONFIDENCE



EVENT ROI COMMAND

REAL-TIME SYNCHRONIZATION FOR LIVE BROADCAST-TO-MOBILE CONVERSION SPIKES.

PROJECT_KPI_TELEMETRY

18.4M LIVE AUDIENCE



CALIBRATION TEST SUITE

SYNTHETIC GROUND-TRUTH STRESS TESTING FOR VALIDATING CAUSAL INFERENCE MODELS.

PROJECT_KPI_TELEMETRY

94% INTEGRITY SCORE



PROJECT_KPI_TELEMETRY

42% CAUSAL REDUNDANCY



PROJECT_KPI_TELEMETRY

124 ACTIVE CITY ZONES



PROJECT_KPI_TELEMETRY

32% FASTER ITERATION





GROWTH TEAMS

INFERENCE

SYNTHETIC LIFT STUDIO

AUTOMATED GEO-MATCHING AND COUNTERFACTUAL MODELING FOR TRUE LIFT.

PROJECT_KPI_TELEMETRY

95% CI COVERAGE



MISSION-CRITICAL ATTRIBUTION INFRASTRUCTURE
CAUSAL ENGINE SUITE OVERVIEW



■ INTELLIGENCE_SUMMARY

This hub provides unified access to 9 production data products for global enterprise attribution and decision intelligence. Each module represents a specialized inference engine optimized for specific use cases - from real-time streaming to strategic budget optimization.

■ TACTICAL_APPLICATION

Use this hub to monitor all causal engines in production. Each card shows current operational status, key performance indicators, and direct access to detailed dashboards for drill-down analysis.

■ TECHNICAL_SPECIFICATIONS

All engines share a common governance layer with sub-100ms inference latency. Attribution modules use Markov-Shapley for incremental updates, while strategic modules employ Bayesian hierarchical models.



SPECIALIZED INFERENCE ENGINES

CORE ATTRIBUTION MODULES

■ INTELLIGENCE_SUMMARY

These modules represent the foundational components of the attribution ecosystem. Each module serves a specific function in the causal inference pipeline.

■ TACTICAL_APPLICATION

Monitor individual module status, track active inference engines, and manage



BAYESIAN MMM

ACTIVE



IDENTITY RESOLUTION

ACTIVE



MARKOV-SHAPLEY

BASE



PROBABILISTIC LINKAGE

READY

deployment configurations for each attribution component.

■ TECHNICAL_SPECIFICATIONS

Bayesian MMM uses hierarchical models for strategic budgeting. Identity Resolution employs GMM clustering for cross-device attribution. Markov-Shapley provides incremental credit allocation at scale.



INCREMENTALITY API

ACTIVE



GLOBAL COMMAND

ONLINE



BAYESIAN MMM

ACTIVE



IDENTITY RESOLUTION

ACTIVE



MARKOV-SHAPLEY

BASE



PROBABILISTIC LINKAGE

READY



INCREMENTALITY API

ACTIVE



GLOBAL COMMAND

ONLINE

SYSTEM_SYNC

UNIFIED CROSS-ENGINE ANALYTICS FOR
ENTERPRISE-WIDE CAUSAL ATTRIBUTION

LAUNCH COMMAND

PROTOCOLS

● CORE_SYSTEMS_ACTIVE

LAST_HEARTBEAT: 2026-01-31
CLUSTER::VA-01-HARSCI

PRIVACY_ENGINE

MARSCI_INTEL_HUB_V4.2.1

API_TERMINAL