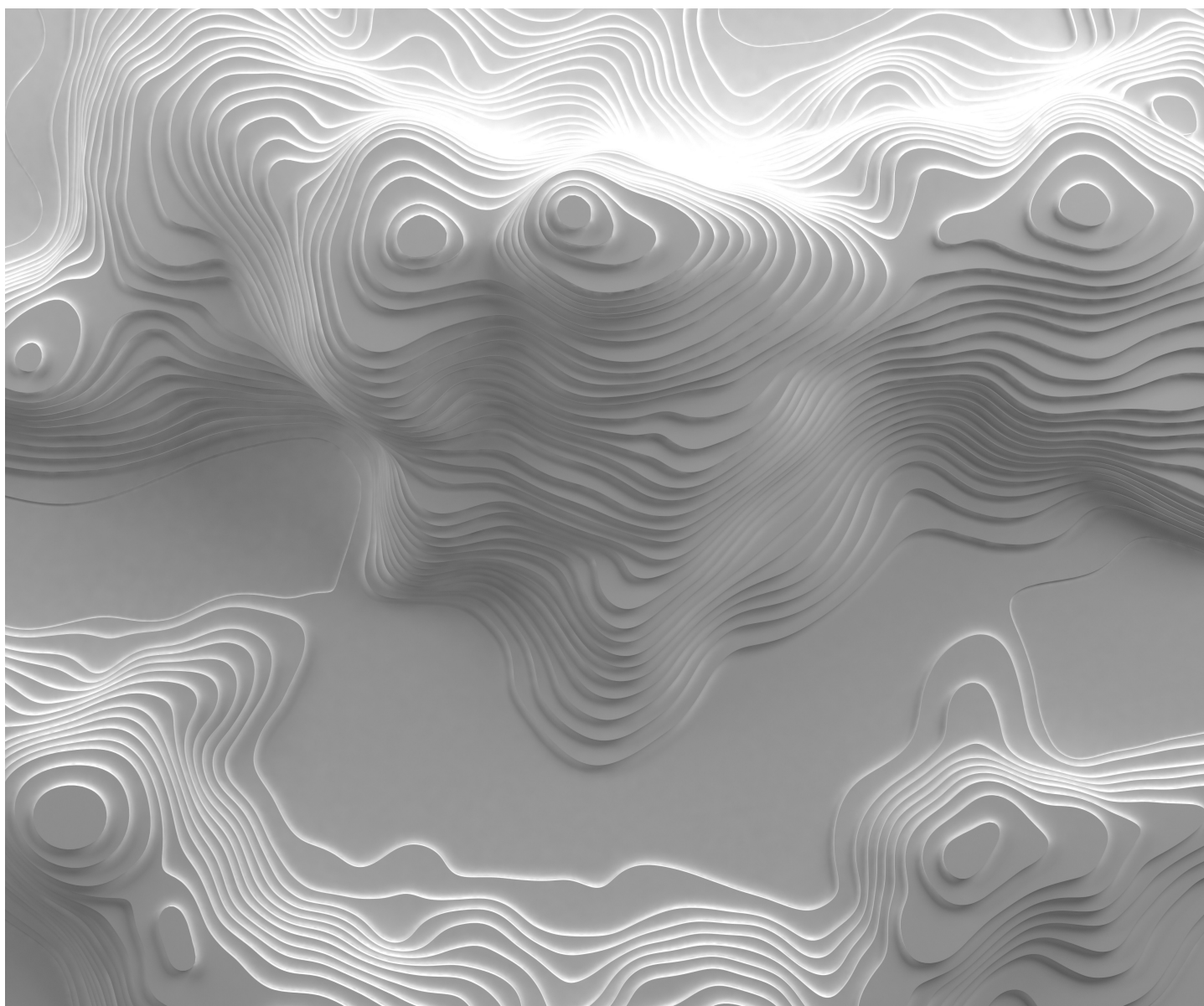


# AI-Enabled Operations



## 01

### OVERVIEW

In today's battlefield, threats can come from all domains and the ability to harness billions of data points from human operators and sensors in real-time has become crucial. The only way to ensure an advantage is by accelerating operational decision-making and action with reliable data and AI.

Palantir Gotham is the premier decision-making platform for AI-enabled operations. Organizations use Palantir Gotham to integrate and exploit massive-scale data and deploy proven AI to warfighters. In Palantir Gotham, data, user expertise, and AI-generated insights come together in near real-time, improving situational awareness, anticipating possible outcomes, and suggesting courses of action to outmatch the adversary.

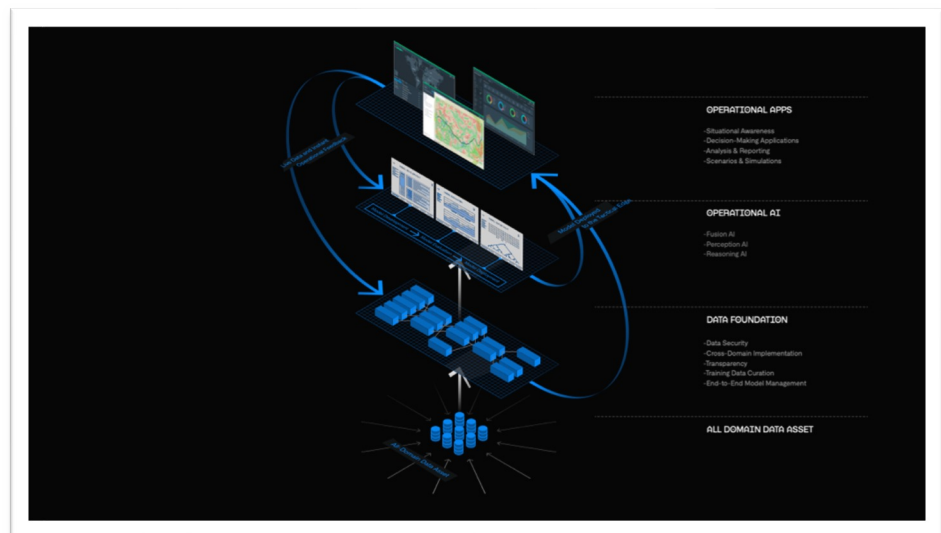


Fig 1: Palantir Gotham operationalizes AI to improve and accelerate decision-making across echelons and domains.

# 02

## LIVE COMMON OPERATING PICTURE

Gotham empowers analysts and operators to exploit a live Common Operating Picture that integrates all-domain historical data, as well as streaming data from sensors. As users build and adapt mission plans, Palantir Gotham overlays these with live sensor views and proactively surfaces AI insights to increase situational awareness across operators.

With Palantir Gotham, every user action feeds back into the organization's data foundation, so that AI models are continuously refined based on operator feedback and live data.

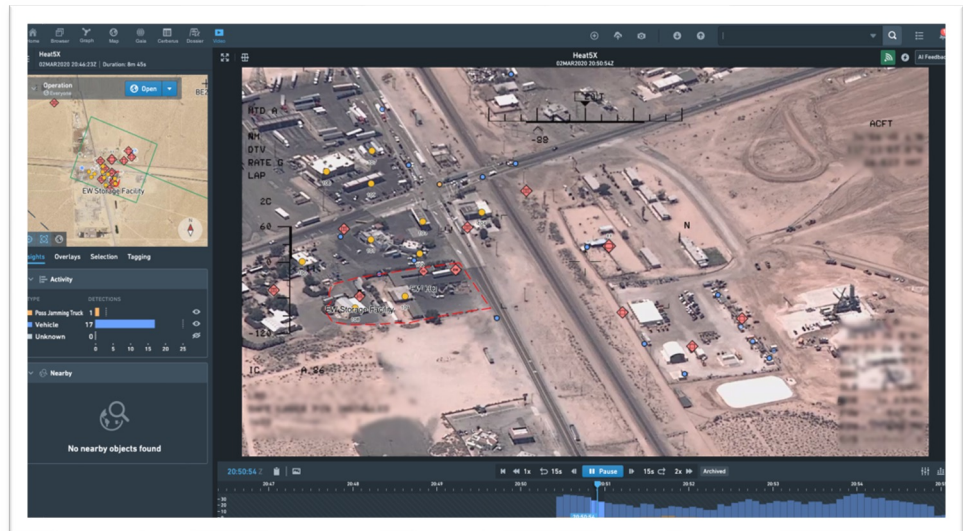


Fig 2: Palantir Video layers existing intelligence from Palantir Gotham and AI detections on full motion video using augmented reality so that users can rapidly make sense of evolving geospatial situations.

# 03

## ACCELERATED MISSION PLANNING

Palantir Gotham accelerates operational planning with AI-enabled structured workflows. Operators can rapidly assemble, coordinate, and disseminate operational plans in familiar doctrinal templates, while AI-generated recommendations surface dependencies and options based on live operations data and all-mission learning.

For example, as users input their mission planning dates, they can automatically model the availability of key assets given ongoing operations, improving coordination across domains. In Palantir Gotham, Commanders maintain a complete history of each operation to enable rich After-Action Review and understand how operations contribute to each line of effort over time.

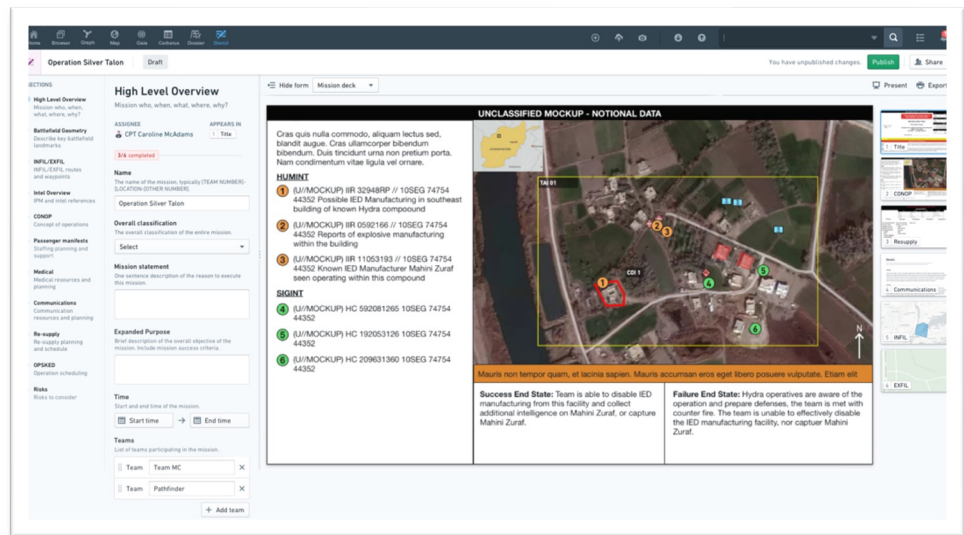


Fig 3: Users collaboratively build slides from pre-set templates in Palantir Stencil, with the application dynamically generating additional fields and options based on their input.

# 04

## SIMULATION AND RECOMMENDED COURSES OF ACTION

Commanders need to make constant trade-offs as new information comes to light. AI-enabled decision modeling in Palantir Gotham helps users evaluate which course of action is most effective based on live all-domain data.

For example, when there's a detection of red force activity, users can simulate how long it will take to move blue force units out of an Area of Operations, what the best extraction route is given terrain specifics, or how long it would take to refuel and deploy air cover — providing Commanders with the information they need to determine the appropriate course of action.

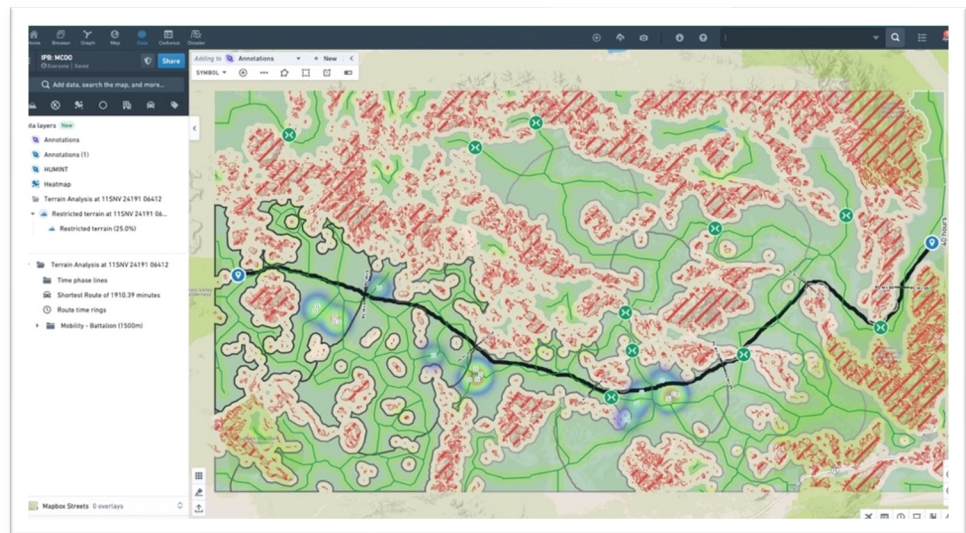


Fig 4: AI-simulated potential routes in Palantir Gaia based on real-time fused data such as terrain, speed and direction of travel, and red or blue force movement.

# 05

## CONTINUOUS STRATEGIC EFFECTS ANALYSIS AND LEARNING

Palantir Gotham drives continuous learning and strategic decision-making by capturing every decision and outcome of each mission – from friendly actions, to enemy responses, and observed effects. By maintaining a full chronology of all operations, comprehensive strategic effects analysis helps Commanders understand the combined effects on adversaries across operations.

For example, by conducting AI-enabled analysis on operational cadence, time to approval, completion vs cancellation, and outcomes Commanders can proactively identify possible friction or novel enemy patterns, accelerating institutional learning and raising the bar with every mission.



Fig 5: Palantir Metrics enables Commanders to assess combined effects on the enemy across operations and to drive learning across the organization.

# 06

## OPEN AND INTEROPERABLE

With Palantir Gotham, organizations maintain control and ownership over data now and at every point in the future. Palantir Gotham is an open platform, with open APIs, and is interoperable with joint systems across domains and echelons, including doctrinal systems, 3rd party Apps, and custom in-house projects. Organizations can plug in proven 3rd-party AI or build and evaluate their own on live operational data. Open data formats and standard APIs allow users streamlined data access, and organizations can export their data and intelligence products with provenance in a variety of formats.

Deployable via the cloud or on premise, Palantir Gotham can be operational within weeks to support warfighters from HQ to the tactical edge and stay one step ahead of the adversary.