INTRODUCTION

Between 2003 and 2007, the U.S. Department of Homeland Security established a nationwide network of fusion centers to facilitate information sharing among federal government agencies, state and local law enforcement agencies, and public service organizations. Fusion centers and the information management systems they employ face significant challenges in data integration and intelligence production. They must also satisfy a number of legal and regulatory compliance requirements in order to guarantee the privacy and civil liberties of U.S. citizens and to ensure the proper and responsible handling of sensitive data.

The Palantir Gotham intelligence infrastructure provides fusion centers with the technology to respond to threats in real time while simultaneously addressing the complexities of the fusion center data sharing environment. With Palantir, fusion centers integrate all enterprise data into a single investigational environment for search, discovery, and analysis.

Palantir Gotham provides fusion centers with an end-to-end infrastructure for data integration, advanced analytics, and secure information sharing.
TECHNICAL OVERVIEW

Data Integration
Palantir Gotham integrates data from disparate sources in any format, structured or unstructured, from Suspicious Activity Reports to criminal records, license plate reader data, calls for service, field interview reports, DMV records, and more. With data in a unified environment, users can search across local, state, regional, and federal data sources simultaneously to make subtle connections that go undetected when data is fragmented across multiple systems.

Investigation and Analysis
Embedded within the Palantir Gotham workspace are dozens of applications that allow non-technical users to perform link, relational, geospatial, statistical, behavioral, and other forms of analysis. Many applications double as visualization tools, enabling users to generate artifacts that can be shared outside of the workspace. Users can also auto-populate and generate reports in configurable templates.

Secure Collaboration
Palantir Gotham enables collaboration that satisfies regulatory requirements and protects privacy and civil liberties through a series of technical frameworks:

- Enforcing granular access controls and data discovery principles to enforce need-to-know protocols;
- Rigorously controlling and auditing the development and sharing of analytical work products;
- Implementing requirements for purpose specification and case number entry for certain types of sensitive data querying to enforce predicate-based search standards; and
- Generating verbose audit logs to facilitate oversight of information and intelligence usage.