PLANET RISK

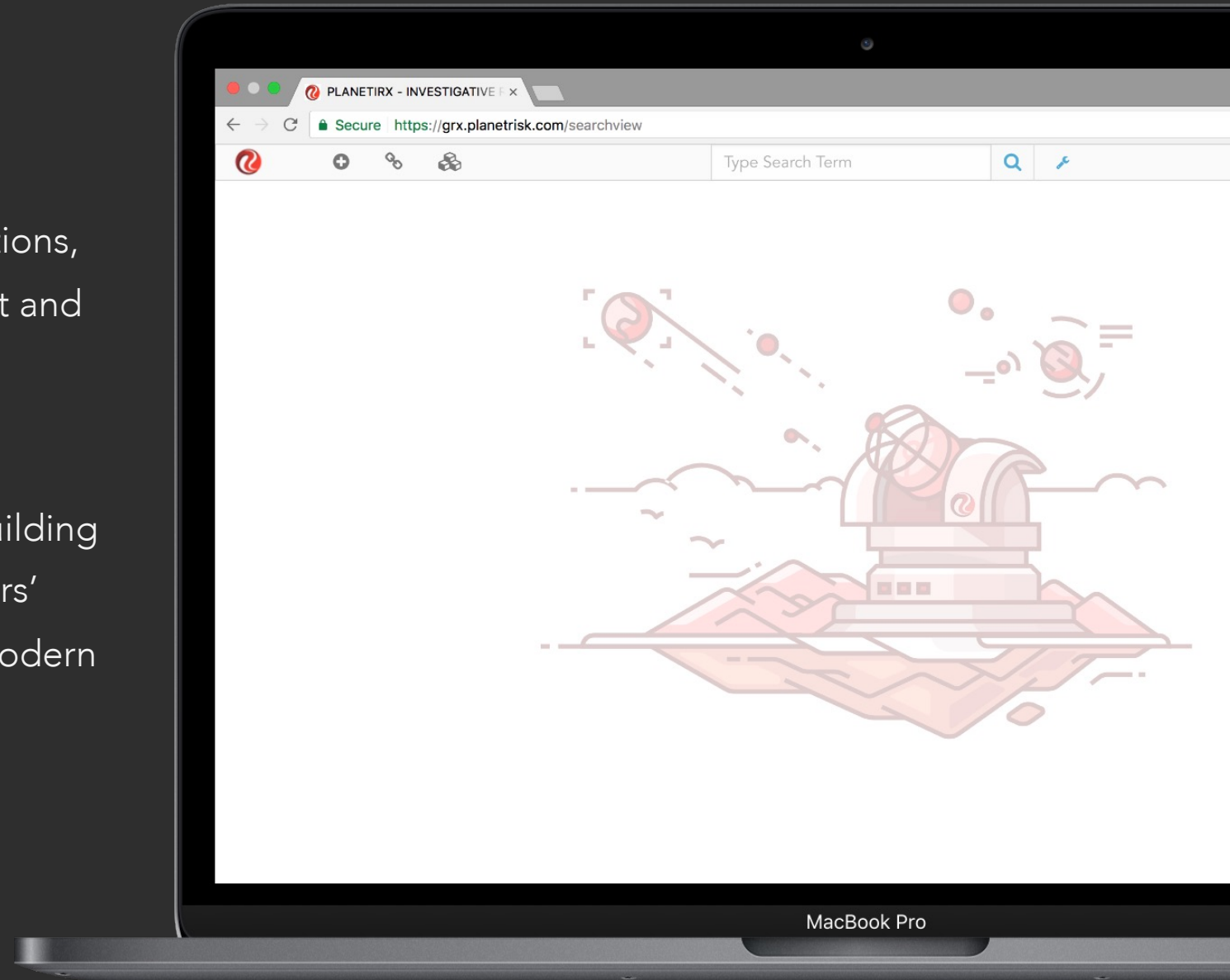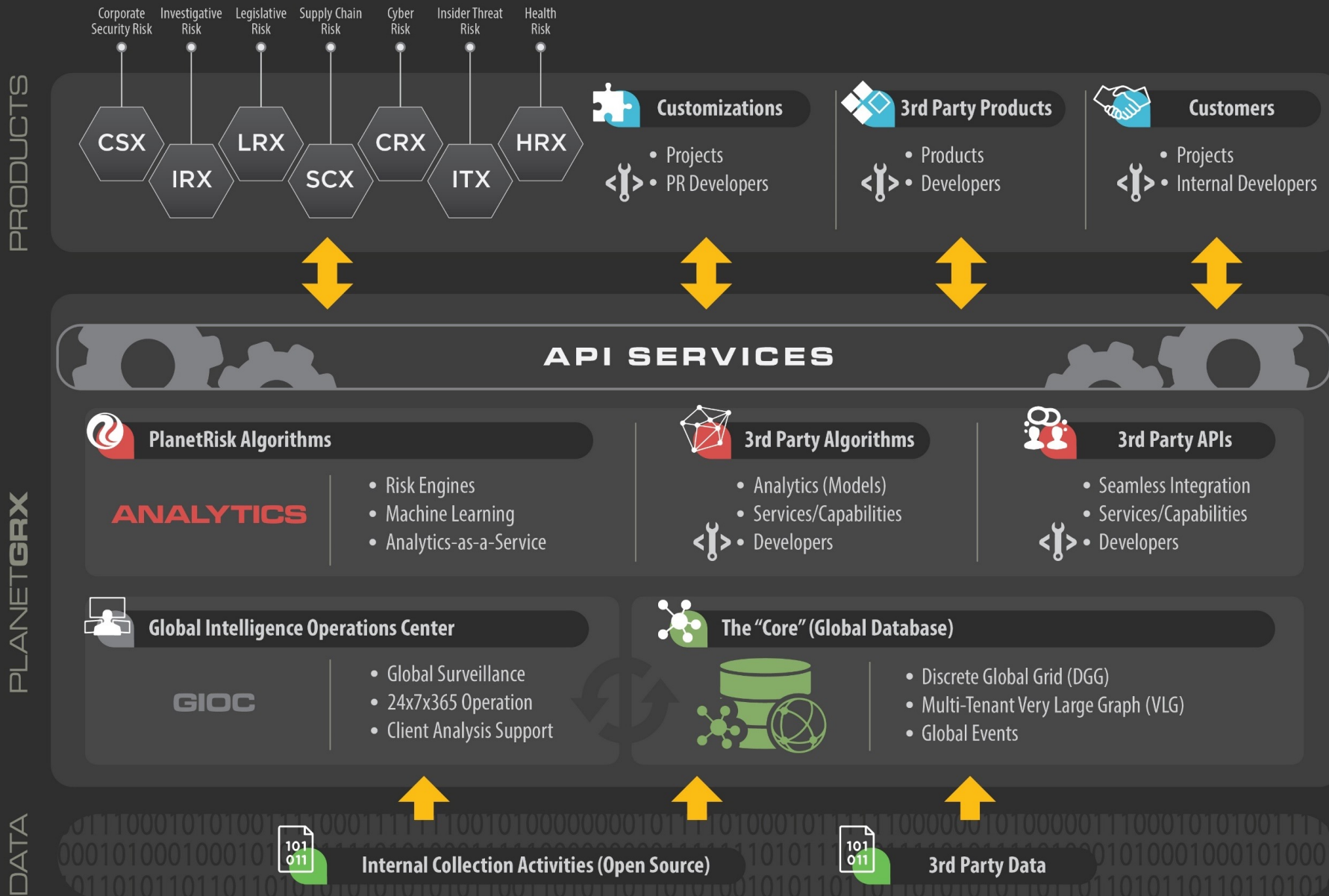## IRX

Investigative Risk

Overview

PlanetRisk IRX automates the process of collections, exploitation, resolution, and visualization of first and third party data.
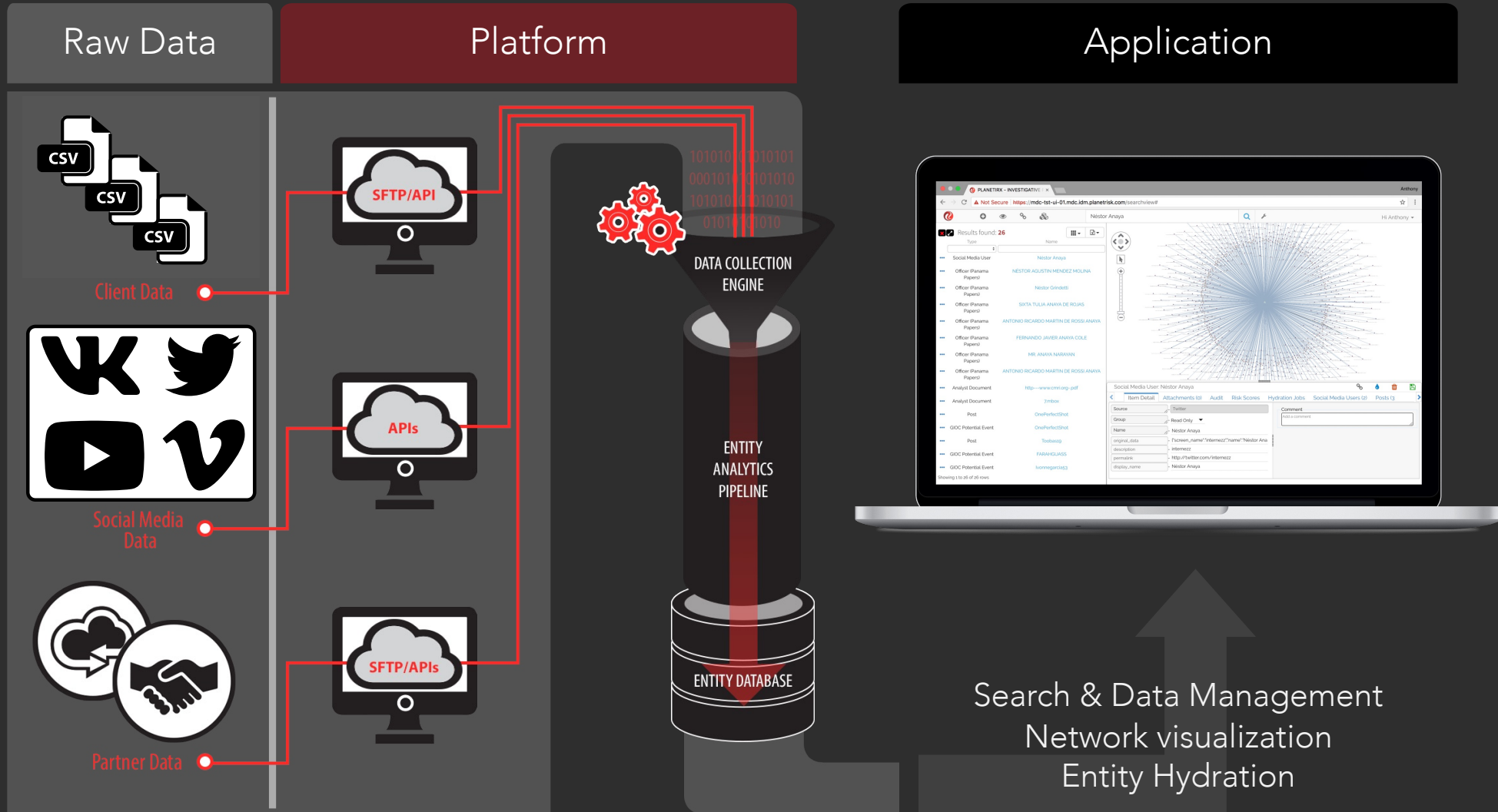
Enabling analysts and investigators focus on building visually-compelling answers to their stakeholders' most complex risk-problems across all of the modern modalities.
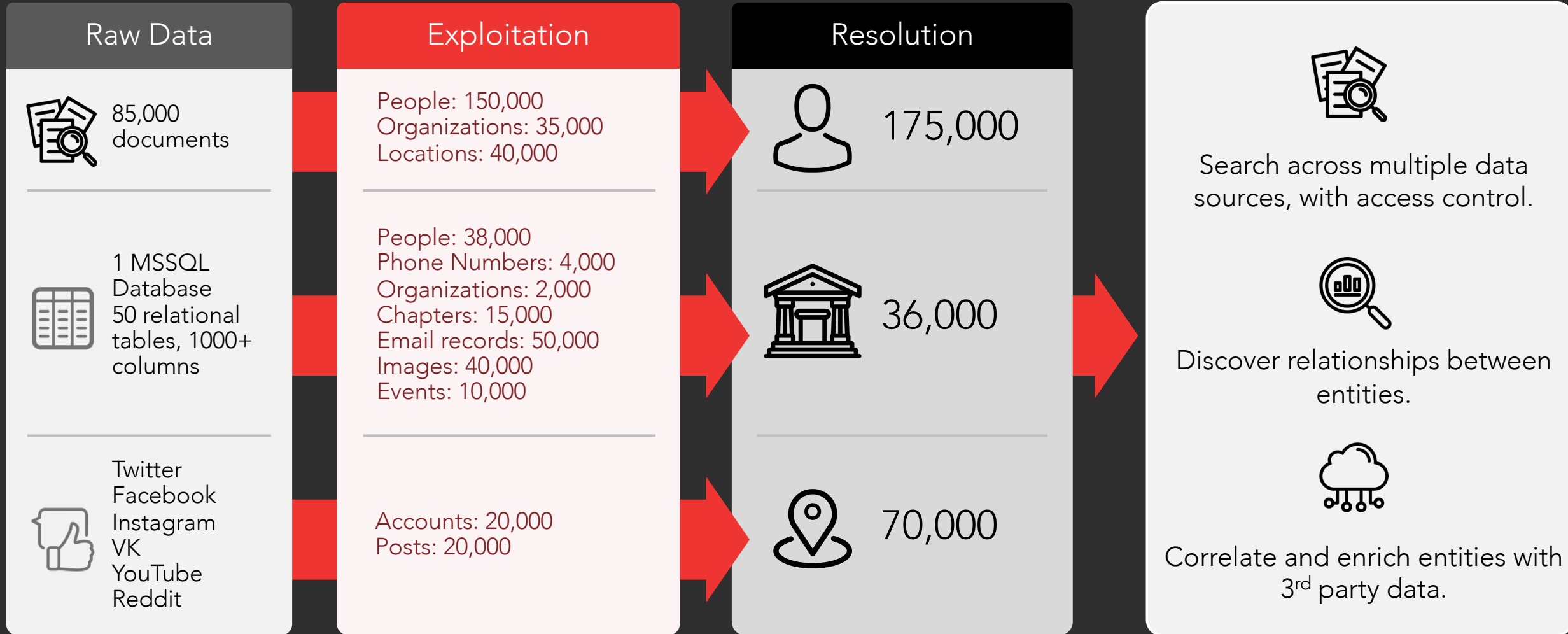
Platform

PRODUCTS

- Corporate Security Risk
- Investigative Risk
- Legislative Risk
- Supply Chain Risk
- Cyber Risk
- Insider Threat Risk
- Health Risk

CSX · IRX · LRX · SCX · CRX · ITX · HRX

Customizations
- Projects
- PR Developers

3rd Party Products
- Products
- Developers

Customers
- Projects
- Internal Developers

API SERVICES

PLANETGRX

PlanetRisk Algorithms

ANALYTICS
- Risk Engines
- Machine Learning
- Analytics-as-a-Service

3rd Party Algorithms
- Analytics (Models)
- Services/Capabilities
- Developers

3rd Party APIs
- Seamless Integration
- Services/Capabilities
- Developers

Global Intelligence Operations Center

GIOC
- Global Surveillance
- 24x7x365 Operation
- Client Analysis Support

The "Core" (Global Database)
- Discrete Global Grid (DGG)
- Multi-Tenant Very Large Graph (VLG)
- Global Events

DATA

Internal Collection Activities (Open Source)

3rd Party Data

PLANETRISK

Flow

Raw Data

Platform

Application

CSV
CSV
CSV

Client Data

SFTP/API

Social Media Data

APIs

Partner Data

SFTP/APIs

DATA COLLECTION ENGINE

ENTITY ANALYTICS PIPELINE

ENTITY DATABASE

Search & Data Management
Network visualization
Entity Hydration

PLANETRISK

Use Case: Legal Advocacy

Raw Data

85,000 documents

1 MSSQL Database 50 relational tables, 1000+ columns

Twitter
Facebook
Instagram
VK
YouTube
Reddit

Exploitation

People: 150,000
Organizations: 35,000
Locations: 40,000

People: 38,000
Phone Numbers: 4,000
Organizations: 2,000
Chapters: 15,000
Email records: 50,000
Images: 40,000
Events: 10,000

Accounts: 20,000
Posts: 20,000

Resolution

175,000

36,000

70,000

Search across multiple data sources, with access control.

Discover relationships between entities.

Correlate and enrich entities with 3rd party data.

Search Across Multiple Data Sources

Search across multiple data sources, with access control.

MacBook Pro

Discover Relationships Between Entities

Search across multiple data sources, with access control.

Correlate and Enrich Entities
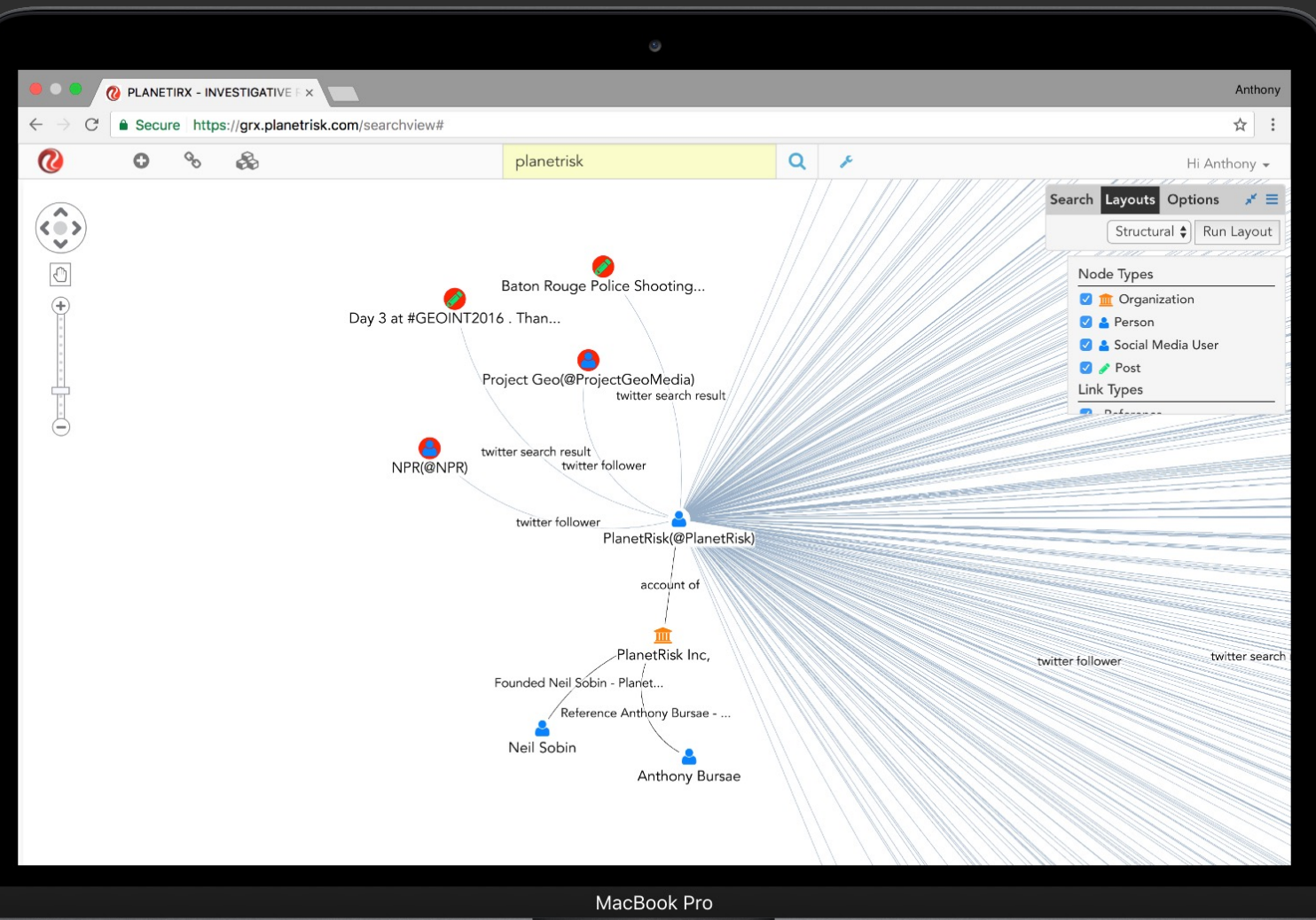
Search across multiple data sources, with access control.

Risk Scores

- Social media activity associated with an entity is now probabilistically scored to help surface risky or threating behaviors.

- Client-trained Text Classifiers help identify linguistic indicators of high-risk ideological sentiment.

- Risk scores help users prioritize and filter which social media posts to review for threat & risk.
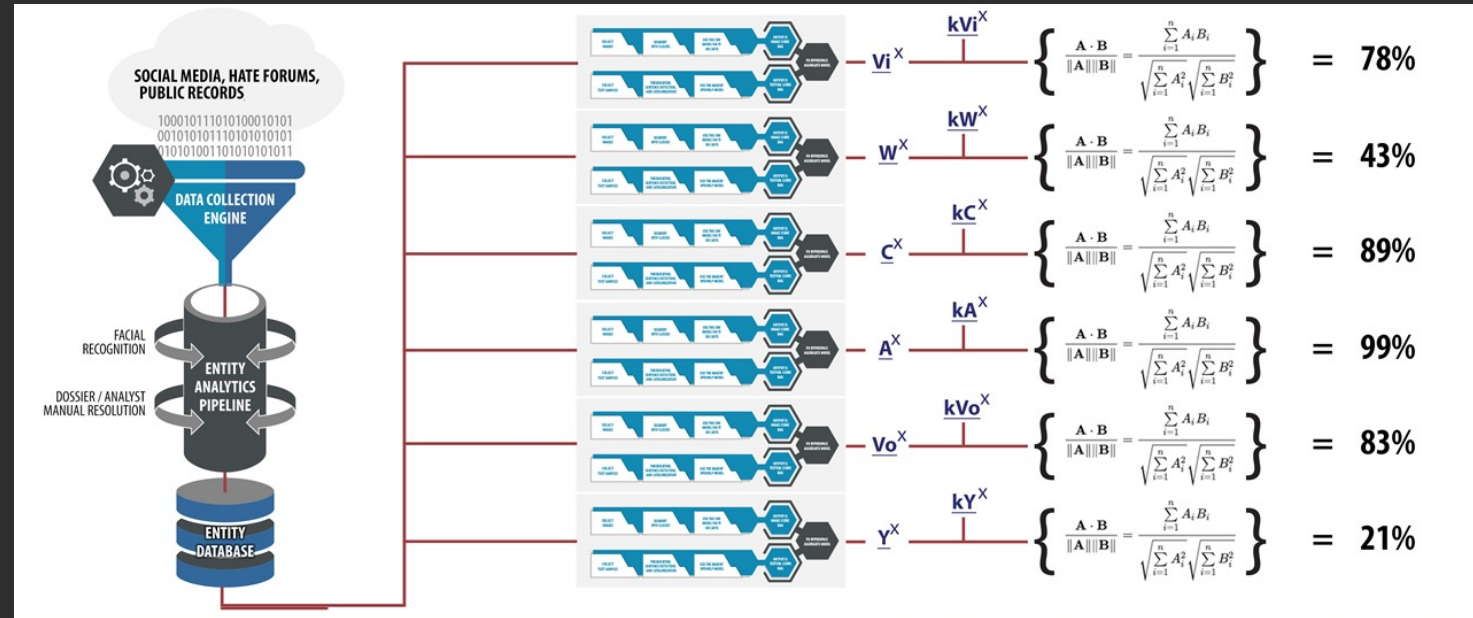
Streaming Alerts

- Social media activity associated with an entity is now probabilistically scored to help surface risky or threating behaviors.

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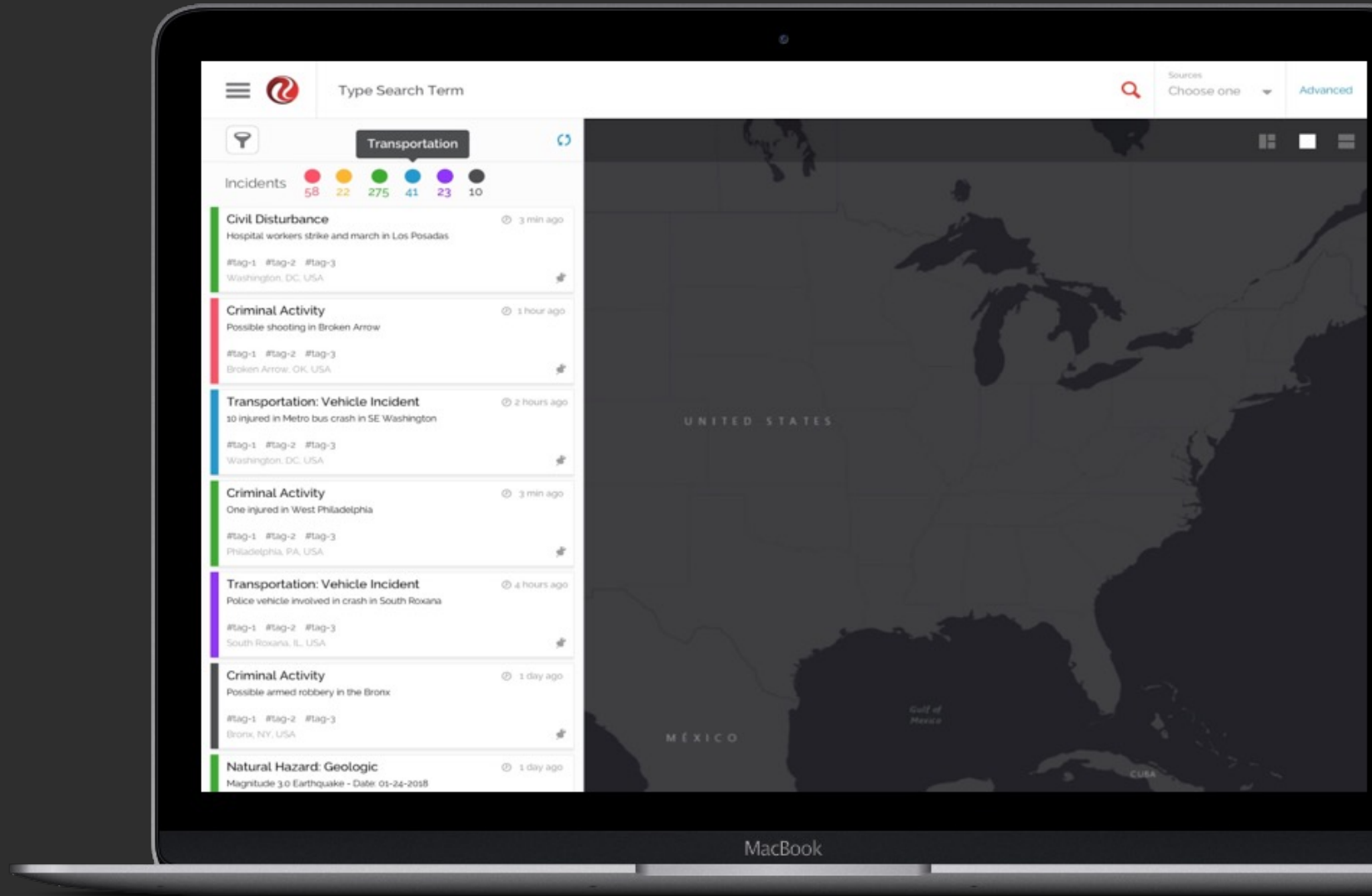
IRX

This concludes our presentation