Empowered Discovery

Imagine rapid discovery. Synthesized data from disparate sources. Complex relationships managed – all effortlessly visualized and experienced. Introducing MissionGraph™.

MissionGraph is a flexible and scalable cloud, graph, and machine-learning solution platform that empowers informed, data-driven decisions – faster – with rapid global deployment and access.

Its open-architecture platform sources and analyzes data, and discovers relationships while mitigating risk, problematic IT asks, and voluminous statistics. Its elegant, streamlined UX empowers analysts to quickly consume, evaluate, and visualize complex and disparate multi-source data relationships.

"MissionGraph helps discover the contextual relationships among entities, and it enables users to explore and understand these relationships in real time."

Mark White
Principal, Deloitte Consulting LLP

Government employees operate in an increasingly complicated and nuanced environment. As Big Data matures, transformation of agency digital approach and application use will be crucial to maintain mission.

We've found that government agencies face similar data-driven challenges:

More Data, More Problems

Exponentially increasing entities and concurrent data can create a landscape of intricacy – and elusive solutions.

Operating at Scale

Legacy applications struggle to operate at scale across a distributed workforce.

Manual Resolutions

Juggling numerous data sets requires tedious cleansing and mapping to enable effective analysis.

Back-and-Forth with IT

Data requests often demand time-consuming cooperation with IT, limiting and delaying operations.

MissionGraph™

Deloitte.

MissionGraph Empowers Discovery & Decision

MissionGraph powers research and analysis with six key capabilities:

1 **Explore and Analyze** — Connect the dots across multiple datasets with a single search.

2 **Visualize Sophisticated Networks** — Create network diagrams that illustrate relationships and identify associations.

3 **Enrich Analysis with Public Data** — Link open-source data to help improve insight into high-value entities.

4 **Link Unstructured Relationships** — Extract unstructured data and pair it with structured data.

5 **Exploit Machine Learning** — Continuously improve targeting & other graph algorithms through intelligent machine learning. The more you use MissionGraph, the smarter it gets.

6 **Proactively Manage Risk as a Network** — Diagnose how influencers and events create risk to identify similar patterns and help prevent future incidents.

MissionGraph and DataStax (DSE)

MissionGraph is a powerful, distinctive, and innovative open-architecture solution for both federal and commercial analytics. Deloitte developed MissionGraph on DataStax Enterprise (DSE) – a software platform providing outsized, persistent property graph analytics and workflow solutions. DSE enables MissionGraph to deliver intelligently contextual, distributed, always-on, real-time value at scale for our clients' most critical missions.
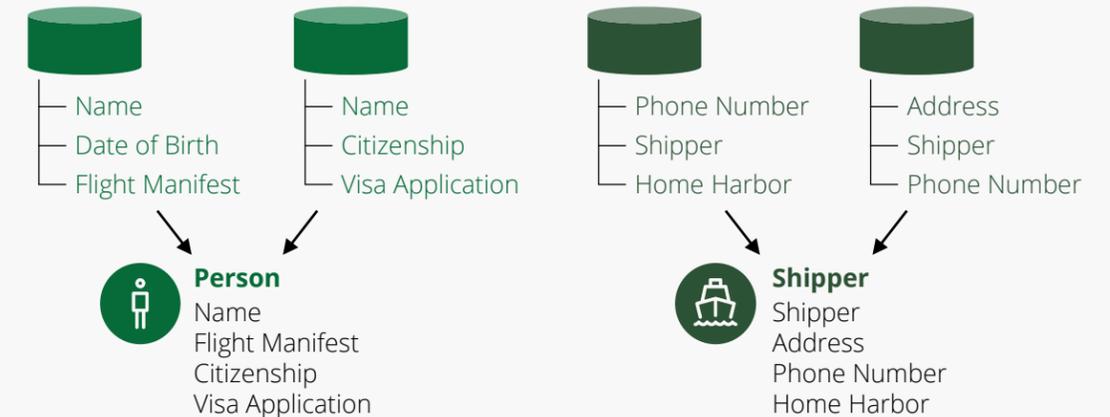
Meet the Team & Schedule a Demo

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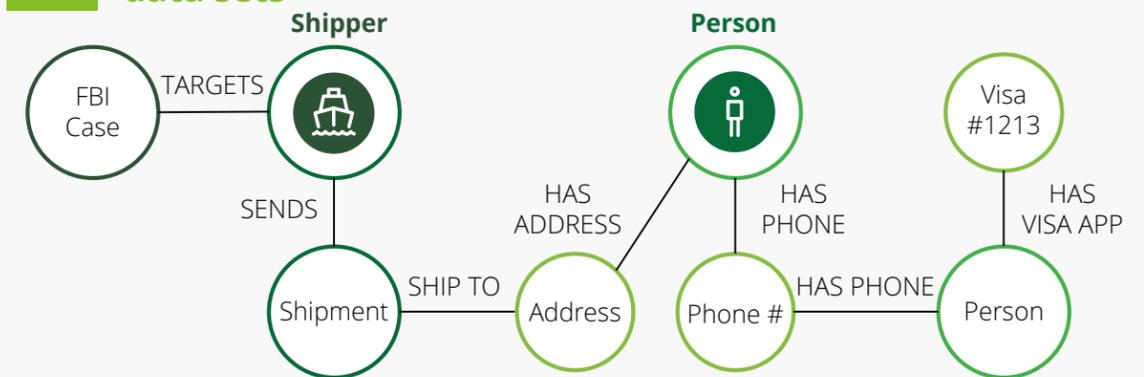Email: fstrickland@deloitte.com
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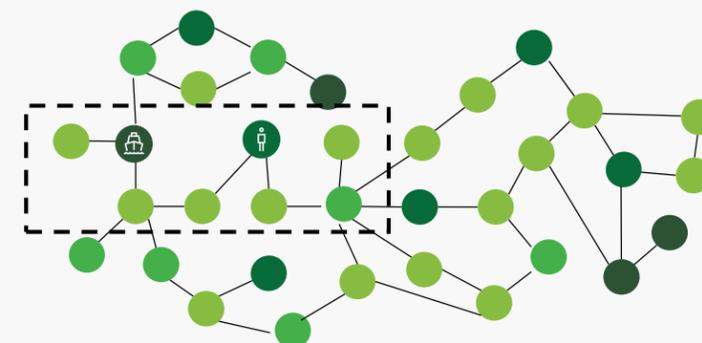Deloitte Consulting LLP

How MissionGraph Works

1 **Consolidate and resolve entities stored across disparate data sources in real time**

— Name
— Date of Birth
— Flight Manifest

— Name
— Citizenship
— Visa Application

— Phone Number
— Shipper
— Home Harbor

— Address
— Shipper
— Phone Number

Person
Name
Flight Manifest
Citizenship
Visa Application

Shipper
Shipper
Address
Phone Number
Home Harbor

2 **Construct entity graph relationships from resolved data sets**

Shipper
Person

FBI Case — TARGETS — Shipper
Shipment — SENDS
Shipment — SHIP TO — Address
Address — HAS ADDRESS — Person
Person — HAS PHONE — Phone #
Phone # — HAS PHONE — Person
Person — HAS VISA APP — Visa #1213

3 **Grow network as new data and data sources are loaded to the graph**

4

Use to explore, discover, decide, and act