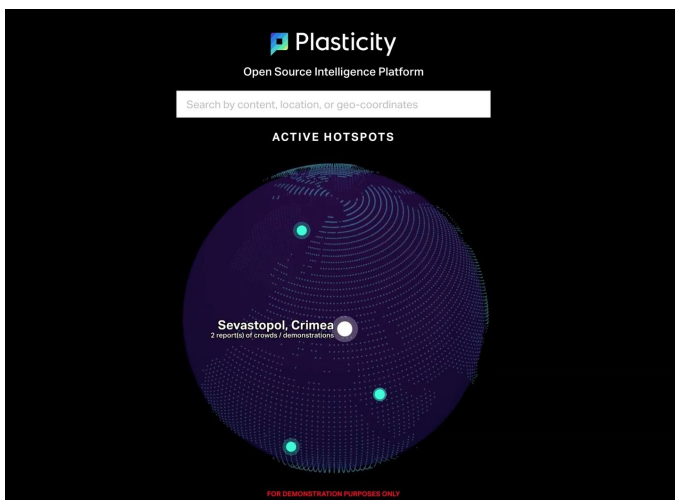# BUILT WITH DOD AND IC IN MIND

- **Natural Language Processing** and **Artificial Intelligence** for ISR and Tactical Decision-Making

- Founded in **San Francisco** and backed by **Silicon Valley investors** like Y Combinator

- State-of-the-art AI built with the DoD and IC in mind and **deployable within classified settings**

- Ready **out of the box** on day one or customized within **6 months**

- **10% of the cost to deployment on average** than deployment through consulting firm partnership

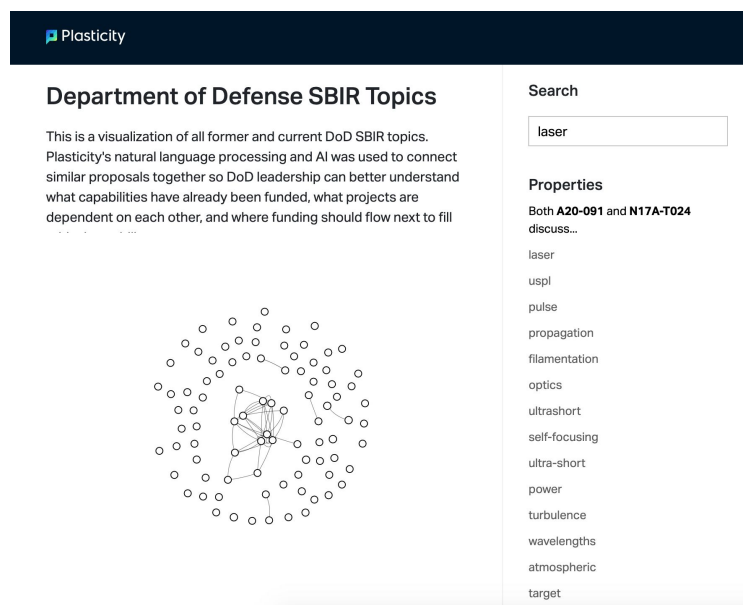- Secured AFWERX SBIR Phase I with **$750K SBIR funding dollars** available for interested customers

INTELLIGENCE & SURVEILLANCE (ISR)

- Search and filter through **publicly available information (PAI)**

- Access a **variety of PAI channels** like Twitter, YouTube, VK, Reddit, Dark Web, blogs, forums, newswires, and more

- **Aid OSINT intelligence analysts** in gathering and reporting intel more efficiently and effectively

- Discovers **threats, propaganda, narratives, and disinformation/misinformation** using AI and NLP

- Provides **managed attribution and circumvents data limitations** using a network of proxy servers to rotate IP addresses

TACTICAL DECISION-MAKING

- **Make sense of unstructured data** in funding contracts, quad charts, aircraft maintenance records, and other documents

- Ingests **terabytes of unstructured data** and visualizes connections automatically through relationships and attributes determined by our AI

- Get a **high-level overview of large datasets** to make better decisions in real-time

- Explore **duplicate areas of funding, capability dependencies, projects running behind schedule**, and more

FACTS FIRST
HOW FAKE YOUTUBE ACCOUNTS PUSHED INFLAMMATORY CONTENT
RIGHT NOW   ALBUQUERQUE ☀ 35°
"IT DOESN'T MATTER. I WOULDN'T MIND A LONG PROCESS BECAUSE I'D LIK   NEW DAY
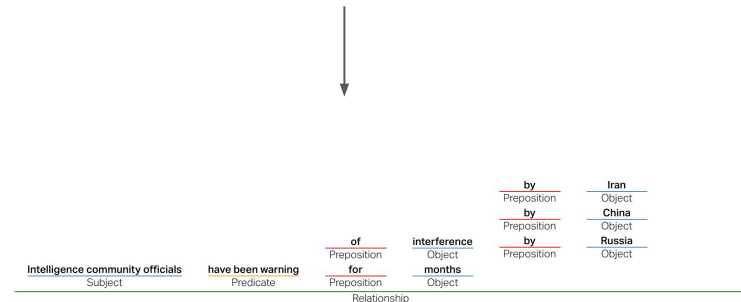
CASE STUDIES

- Plasticity has worked with **AFRL 711/HPW and 480th ISR Wing** to build their PAI/ISR toolkit

- Plasticity **discovered a real YouTube Russian disinformation** campaign with over 8M+ views using it's PAI/ISR toolkit developed for U.S. Air Force intelligence

- Plasticity's intelligence work has been **covered by news outlets like CNN**

- Plasticity utilized its toolkit with **national security reporters at The Wall Street Journal** to analyze coordinated Twitter campaigns

TECHNOLOGY

- Plasticity builds technology that helps **machines read like humans do**

- Plasticity's Sapien Language Engine turns **unstructured text into structured information**

- Cortex Knowledge Graph is a **database of structured facts** and information used to answer questions about a data set

- Our NLP is **100% custom-built** and doesn't use open source solutions under the hood

- Written in C++, deploys bare metal, and can **perform with state-of-the-art accuracy** over terabytes of data with speed and precision

"Intelligence community officials have been warning of interference by Iran, China and Russia for months."

TEAM

- Plasticity was founded in **San Francisco** and is **backed by numerous Silicon Valley investors** including Y Combinator

- Plasticity's founders previously worked on products like **Siri and Google Home** at companies like **Apple and Google**

- Advised by **Dr. Chris Callison-Burch at the University of Pennsylvania**

- Plasticity has participated in the **T3 Accelerator in Dayton, Ohio** run by the U.S. Air Force