



BOBCAT

Accelerating Intelligence and Analysis Process

<http://dac.us/products/bobcat.com>



What does BOBCAT do?

BOBCAT provides a suite of services to discover themes & explore relationships found in military & intelligence data. This data can be stored in any kind of unstructured or structured format. BOBCAT goes beyond simple trend analysis by turning data into actionable intelligence that can be used to predict future events.

Why is BOBCAT important?

BOBCAT automatically organizes data in a way that enables military and intelligence analysts to quickly see what activities are important, who the key actors are, how they are coordinating, predict future events, and prevent those events before they occur. The actionable intelligence provided by BOBCAT results in saved lives.

How does BOBCAT Integrate into my enterprise?

BOBCAT is provided as a suite of web services developed under the Service Oriented Architecture (SOA) paradigm. These services integrate easily into any SOA-based enterprise.

Why the name BOBCAT?

Bobcats are the most adaptable and resilient of all members of the cat family. They possess the most lethal combination of speed, agility, and killing power regularly killing prey eight times their size. Intelligence analysts need that same combination of firepower to sift through all of the data at their disposal to ultimately stop the new terrorist threat.

Intelligence analysts are presented with large volumes of multi-source data every day. Making sense out of all of this data, or converting it into information and then actionable intelligence proves to be very difficult. From a military or intelligence perspective, "actionable intelligence" means being able to identify the key activities, actors, and relationships from this sea of data. In a technical sense, it requires the ability to:

- **Extract** and **correlate** seemingly unrelated pieces of data,
- **Distinguish** that data from the white noise of harmless civilian activity, &
- **Find the hidden relationships** that characterize the true threat.

Key Features

BOBCAT provides a series of key features that enable the Warfighter to:

- Process massive amounts of structured & unstructured data, then automatically **identify & label** themes of activities that are occurring.
- **Characterize relationships** between actors that are coordinating activities & identify relationships between entities that may otherwise go unnoticed.
- Use the themes & relationship-networks to **predict & prevent** future actions. BOBCAT manages probability models of any size, over time & space, & updates these models with real-time battlefield and intelligence.
- **Focus** on what data is important and ask questions that result in accurate conclusions faster than ever before.

