

# INTELLIGENCE AND HOMELAND DEFENSE INSIGHT

## Industry

U.S. Department of Defense

## Why Business Objects?

### Business Objects Clients

Business Objects has helped the following intelligence, homeland security, and defense agencies:

- Intelligence Community
- Department of Defense
- Department of Homeland Security
- Federal Bureau of Investigation
- Customs and Border Protection
- Immigration and Customs Enforcement
- Drug Enforcement Agency
- Navy Criminal Investigative Service
- U.S. Air Force
- U.S. Army
- U.S. Navy

## INTELLIGENCE AND HOMELAND DEFENSE CHALLENGES

The Intelligence Community (IC) needs the right information, in real time, to make critical decisions. Success of a mission – whether it's supporting an operation or the infrastructure of an organization – depends on making the right decisions. Most agencies that conduct intelligence analyses have too much data that's buried in various data silos or trapped in other systems. And the data is often inaccurate or out-of-date. Agencies that support intelligence missions must securely access data from dozens of databases and systems to provide a common operating picture and a consolidated view.

Delivering a common operating picture is critical to decision-making – whether it's analyzing a target or person of interest, managing the human capital of an organization, or providing the acquisition strategy of an agency. Business intelligence (BI) solutions from Business Objects, an SAP company, can help your agency access, analyze, and share information stored in numerous, fragmented systems – and answer questions such as:

- How do I fuse data from all available sources to provide a common operating picture of a possible threat or target?
- Who are my top five vendors supplying this capability or product to the agency?
- How can I improve our discovery and mediation methods and sources?
- What headcount, budget, and other resources does my agency require to accomplish its mission?

## A SINGLE SOURCE OF TRUSTED AND ACTIONABLE INFORMATION

Solutions from Business Objects deliver the right information to the right person at the right time – allowing you to identify, segment, screen, and prioritize cases and leads. With Business Objects, real-time alerts let investigators know when suspicious patterns arise. Staff and management spend less time looking for information. You uncover trends as they emerge and allocate resources where they're most needed. And investigators uncover actionable intelligence and prioritize important information.

There's no question that complex intelligence investigations generate a large amount of data. But with BusinessObjects™ XI software, you can track the elements of your investigation and better manage their progress. Our solution extracts intelligence information to identify suspicious activities and relationships, and detect threats to homeland security. Staff members can be reassigned as needed to keep your cases and investigations on schedule. As a result, you spend more time focusing on the content of cases and less time tracking and managing data.

The IC and Department of Defense (DoD) use Business Objects products to combine intelligence data from all Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) sources. Our technology fuses data from disparate sources into an integrated and collaborative reporting and analysis environment. The result is a consistent operating picture that allows you to execute mission plans and avoid threats.

And Business Objects delivers the most advanced XML reporting technology. You can disseminate information securely across regional and organizational boundaries – according to

policies that you establish, enforce, and audit. Data gathered by one agency can be combined with that of partner organizations – such as IC, Homeland Security, and DoD. Our solution provides self-service access to information and analysis from multiple intelligence sources and types.

## **TRANSFORM INTELLIGENCE DATA INTO VALUABLE INFORMATION**

Business Objects information management software can improve the quality, integrity, and value of data used by your agency. Our identity management solution discerns between the suspicious networks of persons and those unintentionally listed as such, and identifies relationships with employees, partners, and contractors. Our data quality technology creates match strategies with sophisticated methods, including:

- Match non-obvious, “social networks” using any data elements
- Create multilevel association between entities
- Consolidate data records and relationships with financial records, telephone records, transaction records, and specific data transmissions

Business Objects provides both data profiling and data quality technology to enable agencies to achieve their case and investigation management goals. Data profiling lets users monitor, analyze, and report on the quality of information. Our solution parses and standardizes data, corrects the data based on secondary data sources to improve matching, appends additional information such as geographic data, and matches records to identify duplicate records and consolidate data.

With Business Objects, you can also improve data management by having the most accurate and complete real-time views of records, individuals, and entities from disparate data sources, and you can share this information with all participating organizations and authorized personnel. Increase the efficiency and effectiveness of investigative resources and improve the capabilities of applications that are focused on identifying specific activities, anomalies, behavior changes, and link analysis. We help accelerate the IC's movement toward richer, dynamic, reusable, and interoperable data.

### **Business Objects Partners**

The following partners deliver Business Objects solutions to our defense, intelligence, and homeland security clients:

- Accenture
- BAE Systems
- BearingPoint
- CACI
- CSC
- EDS
- IBM
- Lockheed-Martin
- Northrop Grumman

In concert with our partners, we're leaders in delivering geospatial intelligence (GI) to the intelligence, defense, and homeland security communities. GI is the complete integration of BI, imagery, and geospatial capabilities to support defense and intelligence needs. GI aligns well with network-centric operations (NCO), which uses the network to connect decision-making across multiple domains – for example, connecting warfighting to strategic intelligence and homeland security. BusinessObjects XI also provides Web-based services to non-IT intelligence analysts and warfighters – enabling them to track, analyze, and report massive amounts of data used for discovery, dissemination, and horizontal fusion of intelligence information.

With our partners, Business Objects offers the capability to automatically extract “relational events” from free-form text. This enables analytical processing by automating the transformation of written language into structured, relational data. The result? A dramatically faster and more comprehensive detection of trends, anomalies, patterns, and linkages – information that can be pushed downstream to feed virtually any system that processes relational tables. Tabular data can be stored in a data warehouse for data mining, data fusion, and link analysis.



*Intelligence Analyst Dashboard with Real-Time Alerts and Analytics*

## IMPROVE PERFORMANCE AND DEMONSTRATE RESULTS

BusinessObjects XI integrates strategic and operational information in a single BI platform with reporting, query, and analysis capabilities that far exceed those available in legacy systems. Authorized users at all levels of your agency – including investigators, analysts, and supervisors – can rapidly obtain the information they need in a form that’s easy to understand. The result is reduced decision time and increased responsiveness by fusing financial, acquisition, logistic, personnel, and core operating information in real time into a common operating picture.

Performance dashboards and analytical applications from Business Objects help management evaluate performance, resources, and future planning options. Best practices can be identified, shared, and incorporated across your organization. Management can identify and focus on critical information to improve decision-making and strategic planning. And supervisors can keep an eye on case loads and match staffing to the workload. With Business Objects, you save weeks of work formerly done with spreadsheets and other tools that weren’t designed for such analyses.

BI solutions from Business Objects consolidate financial information from hundreds of data sources so financial analysts, comptrollers, program managers, and accountants receive timely access to an accurate, single source of truth for budget and financial data, which provides answers to their financial and program performance questions. Reports and dashboards show monthly planned-versus-actual obligation budget execution “burn rate” information. They also deliver, through a secure intranet application, the complete cycle of federal financial and accounting data from initial commitment to obligation, to accrual, and finally to disbursement and expenditure.

Senior management can use Business Objects to explain the budget execution of intelligence and homeland security programs to Congress, the Office of the Secretary of Defense (OSD), and the Government Accountability Office (GAO). Staff members quickly access and report accurate data to answer requests for budget, spending, and performance information – essential to making significant resource allocation decisions such as distribution of resources among agencies and program funding. Financial officers can identify millions of dollars in prior-year unliquidated funds, enabling them to be retrieved rather than added to a congressional budget request.

## IMPROVE OPERATIONS WITH BUSINESS INTELLIGENCE

Want to streamline personnel data analysis and increase organizational productivity by allowing management and staff to create customized labor force planning and forecasting reports? BusinessObjects XI delivers timely access to accurate labor force, recruiting, retention, pay, and training data to managers and human resources (HR) – allowing secure, self-service access to analysis and reports from a consolidated data source. The result empowers end users with the information needed to make sound personnel decisions.

Business Objects provides tools to analyze information and consolidate data from a large number of personnel data sources – including payroll, benefits, ERP systems (SAP®, Oracle, PeopleSoft, CGI), the Defense Civilian Personnel Data System (DCPDS), the Defense Integrated Military Human Resources System (DIMHRS), and data warehouses. With Business Objects information management solutions, you can eliminate duplicate data capture and ensure data quality. We deliver a single source of HR information to track and manage the data required by the IC.

We also provide solutions that allow your organization to access and analyze data from multiple procurement sources – including acquisition, contract writing, ERP, property management, enterprise data warehouses, and other systems. Contracting, financial, and logistics reports that used to take months to produce can now be generated in hours. Contracting officers have more time to define acquisition requirements, negotiate attractive pricing, and enforce supplier performance.

BusinessObjects XI provides reports and analysis tools that enable acquisition staff to perform spend analysis and enforce procurement policies (including FAR and DFAR), business rules, and data standards with daily detailed reports and dashboards. Users refresh these reports and distribute them through email or secure web access. You can forecast, analyze, and report how all your suppliers compare in terms of sourcing performance and efficiency. With BI, you can reduce source selection time and cost by as much as 25% on major procurements.

## TAKE THE NEXT STEP

Business Objects is the leading provider of BI software to the Intelligence Community, Homeland Security agencies, and Department of Defense. Our technology helps improve performance by rapidly delivering a single source of trusted, actionable intelligence. With our partners, we possess a wealth of experience in delivering proven BI solutions.

As an independent business unit within SAP, Business Objects transforms the way the world works by connecting people, information, and businesses. Together with one of the industry's strongest and most diverse partner networks, the company delivers business performance optimization to customers worldwide across all major industries, including financial services, retail, consumer-packaged goods, healthcare, and public sector. With open, heterogeneous applications in the areas of governance, risk, and compliance; enterprise performance management; and business intelligence; and through global consulting and education services, Business Objects enables organizations of all sizes around the globe to close the loop between business strategy and execution.

For more information about how we can assist your organization, contact your sales representative or visit us at [www.businessobjects.com/government](http://www.businessobjects.com/government).

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