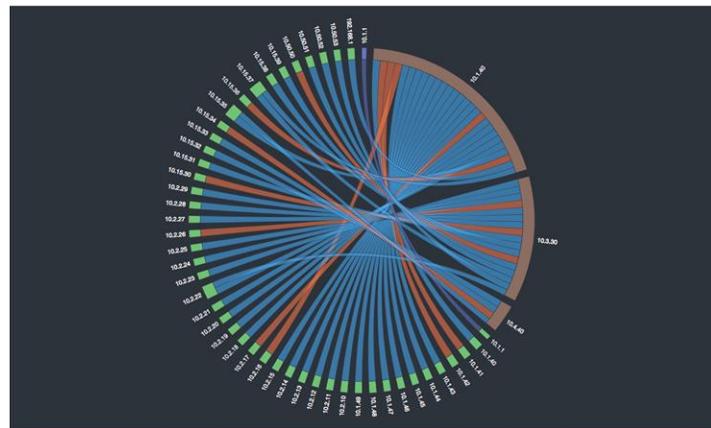


# DB CyberTech Discovery

## Intelligent Continuous Monitoring for Structured Data in Motion

Non-Intrusive and Autonomous | Continuous Monitoring | Deep Protocol Decoding



Visualizing multiple database platform conversations in a complex network.

### KEY BENEFITS

DBC Discovery enables security and compliance professionals to:

- Accurately inventory all structured data assets in their environment, documented and undocumented
- Continuously and non-intrusively monitor all structured data behavior
- Assess changes to their structured data assets in real time
- Investigate structured data behavior down to individual queries

### DEEP PROTOCOL DECODING

DBC Discovery automatically identifies and fully decodes database protocols:

- IP and port agnostic, DBC Discovery understands database conversations anywhere in the network
- Deep decoding identifies all aspects of database connections
- Deep decode uncovers database *application* behavior, mapping application clients to databases

### CONTINUOUS MONITORING

As opposed to scanning technologies, DBC Discovery operates in real-time. You are alerted to changes in your structured data environment as they happen, and your inventory is always up to date.

Structured data stores house the highest concentration of sensitive data in virtually every business. As a result, they are the target of high profile breaches, and a growing set of regulations. To make matters worse, structured data environments are typically complex and operate on top of the network layer. This makes it infeasible to monitor structured data environments by hand, and in practice, inaccessible to monitoring *unless* you can decode the database protocol, or have direct, invasive access to the database. Over time, shadow IT—undocumented databases or undocumented access—amplifies these issues, hiding security and compliance risk.

To address these challenges, DBC Discovery gives

you automatic, continuous, and accurate visibility to your structured data in motion. DBC Discovery uses patented protocol extraction and decoding to automatically find and analyze database conversations in your network. By understanding your structured data in motion, DBC Discovery answers what you have, where it is in the network, who has access, when they had access, and how they accessed structured data.

DBC Discovery's approach gives you visibility you cannot get with more traditional agent and scanning based solutions. Scanning approaches primarily answer what structured data assets existed where in the network, at a point in time. They are inherently out of date, and dangerously limited to the scope, or

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## GRANULAR CHANGE VISIBILITY

DBC Discovery lets the user understand every change to their structured data environment:

- New database alerts
- New database client host alerts
- New database user alerts
- New database connection alerts
- What queries were used

## NON-INTRUSIVE OPERATION

DBC Discovery operates on a copy of network traffic. The solution is not inline, so there are no performance impacts on your structured data environment. In addition, it's discovery capabilities require no scanning or configuration setup to locate and monitor structured data assets.

lack thereof, of the scan definition. Without visibility to data in motion, they tell you nothing about who had access, when they had access, what they accessed, or how.

Agent based solutions can tell you about who had access, when, and how, but at their own substantial cost. Database agents are frequently not installed broadly or uniformly. In particular, unapproved or malicious databases will not have agents. That means your visibility is limited to what you already know exists, i.e. where you installed agents to begin with. Equally important, agent based solutions can fail, destabilizing your critical infrastructure. In contrast, DBC Discovery operates off of a network SPAN or TAP. Therefore, it is not inline and operates completely non-intrusively. DBC Discovery imposes no load on a database infrastructure.

In summary, DBC Discovery non-intrusively gives you results that are complete, timely, and accurate. DBC Discovery alerts let you know about each new database, client, connection, and exactly what was in their conversation. DBC Discovery is agnostic to the location of structured data assets in the environment, automatically monitoring the behavior around each and *every* one.

For additional information or to arrange for an online demonstration contact us at [info@dbcycbertech.com](mailto:info@dbcycbertech.com).

# Requirements and Specifications

## Supported Database Management Systems

Oracle server release 8i (8.1.7) or later  
Microsoft SQL Server version 7 or later  
SAP Sybase ASE version 12.5 or later  
IBM Db2 Mainframe (DSN)  
IBM Db2 LUW (SQL)