



### **PowerBroker Database - Monitor & Audit**

The first solution to provide a patent-pending core database log reading technology that has revolutionized data auditing by providing a level of visibility into changes to data assets that is unmatched by other auditing techniques.

### **Regulatory Compliance**

For distributed networks and complex IT ecosystems, one fundamental aspect of compliance is privileged access control. PowerBroker<sup>®</sup> Database provides an innovative solution to meet industry and government mandates, such as SOX, HIPAA, NERC, PCI DSS, GLBA, FDCC and FISMA.

### **About BeyondTrust**

BeyondTrust is a proven leader with more than 25 years of experience. More than half of the companies listed on the Dow Jones, eight of the 10 largest banks, seven of the 10 largest aerospace and defense firms, and six of the 10 largest U.S. pharmaceutical companies rely on BeyondTrust to secure their enterprise.

## PowerBroker<sup>®</sup> Database

When it comes down to it, business is data – customer data, employee data, product data, and financial data - which needs to be secured and monitored effectively. PowerBroker Database - *Monitor & Audit* enables rapid deployment of the following monitoring solutions for compliance and security best practices:

- Privileged User Activity Monitoring
- Access Monitoring
- Security Policy Assessment
- Application / Database Change Control Reconciliation
- Acceptable Use Policy Violation Detection
- Entitlements Assessment
- Forensic Data Auditing

### Compliance and Security with PowerBroker<sup>®</sup> Database

PowerBroker<sup>®</sup> Database - *Monitor & Audit* helps IT and IT Compliance Directors, who are burdened by the expense associated with manual compliance processes and development of custom database monitoring tools. Custom developed monitoring solutions that leverage native audit features in the database provide a rudimentary (and often times inadequate) solution for some compliance requirements, however, this often comes with high costs and significant limitations around segregation of duties.

PowerBroker Database provides the tools to easily and cost effectively implement security and compliance monitoring best practices without custom development, monitor heterogeneous database infrastructure in a uniform manner, centrally manage monitoring configuration and audit trails, and automate compliance reporting.

### Key Benefits

- Increased security of data and database and application systems
- Compliance with internal and external IT control requirements
- Significantly reduce cost of compliance
- Increased integrity of business data, system configurations and security controls
- Detailed audit trail of all activity supporting forensic activities
- Segregation of operational and security / compliance activities

*There are very few quality options to provide this level of security to most organizations most valuable asset. PowerBroker DB is one of them.*

- SC Magazine

## Securing Data Assets

The visibility provided by PowerBroker Database *Monitor & Audit* into how data is being used, allows operational and security teams to enable healthy use of these assets while alerting on data misuse and potentially destabilizing changes to the controls put in place to protect them.

Specifically, PowerBroker secures data by enabling organizations to control privileged database users through activity review and reconciliation. Companies can now identify suspicious activity that deviates from established acceptable use policies, and immediately detect potentially destabilization to critical security controls and configurations in the database and application systems.

### Activity Details By DBUser



SYMBOLS: Alert, Rollback, Failed, Pending, Key Column

ACTIVITY TYPE	Object Host / Instance / Object	Application on Application Host
Date Time	OSUser as DBUser/APPUser	Exception
Activity ID	Policy Name Rule Name	DML Column Name: DML Old Value: DML New Value:
	DDL Object,...	
	DDL SQL	
GRANT OBJECT 2011/05/10 09:34:40 4720000000011	DHULESHIA-A1 / DHULESHIA-A1 (MSSQL) / v3DCPPack.dbo.EMPL todd.goldstein as LUMIGENT-HQ\todd.goldstein SOX Monitoring Policy Privilege User Activity  critical Monitoring	SQLCMD on DHULESHIA-A1
	v3DCPPack.dbo.EMPL	
	grant select on deltek.empl to barney	
ALTER TABLE 2011/05/10 09:34:40 4720000000013	DHULESHIA-A1 / DHULESHIA-A1 (MSSQL) / v3DCPPack.dbo.a1234 todd.goldstein as LUMIGENT-HQ\todd.goldstein SOX Monitoring Policy Privilege User Activity  critical Monitoring	SQLCMD on DHULESHIA-A1

Activity Detail Report

## Reduce the Cost of Compliance

Organizations struggle to manage costs around compliance activities. Many organizations have manual processes in which case costs, in the form of man-hours consumed gathering evidence to support a claim of adequate database control, are extreme. Others may consider developing their own primitive auditing tools using native database auditing features. The cost of development and maintenance of these tools are high and are multiplied in environments where multiple database platforms must be monitored.

These "homegrown" solutions typically do not provide the reliability, standard reporting and automation that are key cost savers in the compliance reporting process. The ROI on an investment in PowerBroker Database is significant, especially when compared to alternative solution, such as implementation of custom auditing using database native audit features.

## PowerBroker<sup>®</sup> Makes Database Activity Monitoring, Audit & Compliance Simple

### Security

- Privileged user monitoring
- Access reporting
- Failed logins
- Security control integrity
- Acceptable use deviation detection
- Complies with the [Critical Infrastructure Protection](#) component (i.e., *DB Change Control*) of NERC

### Compliance

- Privileged user monitoring
- Change of reconciliation
- Standard compliance reporting
- Compliance review automation
- Segregation of duties
- Includes prepackaged reports

### Productivity

- Unified data collection
- Simple installation, upgrade and maintenance
- Flexible and expandable
- Standards based integration interfaces
- Heterogeneous platform support

## Supported Platforms

PowerBroker<sup>®</sup> Database *Monitor & Audit* supports the following platforms:

- MS SQL 2000
- Oracle 10g
- IBM DB2 v9.5
- MS SQL 2005
- Oracle 11.1g / 11.2g
- MS SQL 2008 R1 / R2
- IBM DB2 v9