

Database Protector

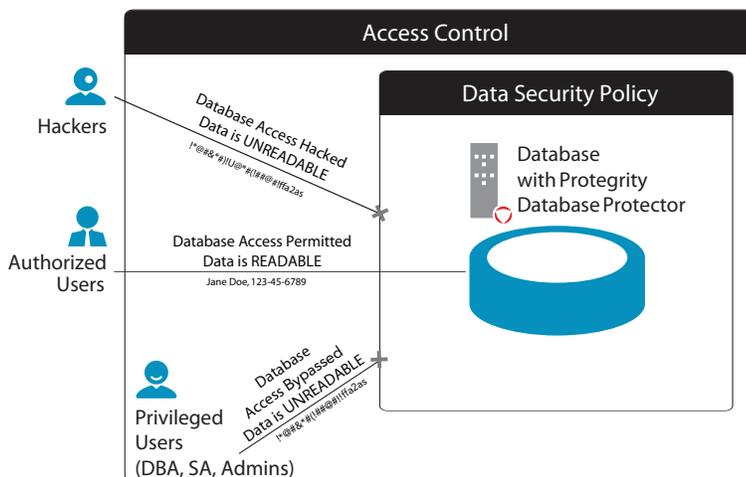
Enhance data security in databases with unparalleled performance and scalability

Organizations face an extraordinary challenge protecting sensitive data according to compliance mandates while also retaining accessibility and high performance.

The **Protegrity Database Protector** is a comprehensive security solution for most major databases utilized today. It enables column-level data security with industry-leading, high-performance encryption and tokenization, combined with centralized, policy-based protection, auditing, and reporting.

Proven Security

Organizations of all sizes rely on the Protegrity Database Protector to protect their databases and data warehouses, leveraging centrally controlled data security policy, keys, and auditing. Protegrity simplifies compliance with ever-changing regulatory requirements, all while maintaining critical accessibility and transparency for infrastructure management and business insight.



Flexible Deployment

Designed for large and small deployments, the Protegrity Database Protector consistently applies data security policy to all nodes in parallel environments. Audit and security event log collection is also optimized for multi-node, parallel environments, and can be reviewed in real-time via the Protegrity Enterprise Security Administrator (ESA) central auditing, alerting, and reporting interface.

Key Benefits

- Enhance data security in databases with simplified management and optimized performance
- Protect data at rest, in use, and in transit with tokenization, encryption, or masking
- Enable fine-grained, column-level data protection
- Support multi-tenant use cases with row-level access control
- Utilize Separation of Duties with central policy management
- Centralize key management, auditing, alerting, and reporting
- Support for all major database platforms including SQL Server, Oracle, DB2, Teradata, Exadata, IBM PureData and more

Methods of Protection

Protegrity provides a variety of data security methods for protecting data in Teradata environments, including patented Protegrity Vaultless Tokenization (PVT), Format Preserving Encryption (FPE), masking, strong encryption, data-type preserving encryption, and monitoring.

De-identified masked data or tokens embedded with business intelligence allow for secure storage and seamless analysis without the need to re-identify the data. Native database access controls, combined with Protegrity's centrally managed, fine-grained data security provides multiple layers of protection.

Scalable Performance

The Protegrity Database Protector takes full advantage of the processing power offered by database servers and keeps machine cycles to a minimum, thus optimizing performance. Protegrity Vaultless Tokenization allows for high performance in-process data tokenization without bottlenecks in performance or scalability.

Cross-Platform Support

Database Protector versions are available to protect sensitive data in a variety of databases and operating systems, types or versions. The Database Protector is compatible with all leading standard Linux, UNIX or Windows environments, as well as IBM iSeries and zSeries environments. Co-engineered, optimized Database Protectors are also available for **Teradata Database**, **Oracle Exadata**, or **IBM PureData**.

Enterprise-Wide Security

As part of the Protegrity Data Security platform, the Protegrity Database Protector works in concert with Protegrity's other Data Protectors (e.g. File Protector, Application Protector, Big Data Protector) to provide comprehensive data security that easily integrates with all enterprise systems. The Protegrity Database Protector is also certified to run on cloud and virtual environments including VMware, Xen, and Hyper-V.

Separation of Duties (SoD)

The Protegrity Database Protector fully supports separation of duties (SoD), enabling organizations to prevent unauthorized technologists, such as DBAs, programmers, or system engineers from accessing sensitive data in the clear. Security administrators can also be prevented from viewing sensitive data as part of SoD objectives.



Protegrity provides the only unified data security platform that protects diverse sensitive data across the enterprise - in applications, data warehouses, mainframes, big data and cloud environments. We help organizations manage risk, achieve compliance, and safeguard data using encryption and tokenization technologies that integrate seamlessly into the business.

USA (HQ)
333 Ludlow St
South Tower, 8th Floor
Stamford, CT 06902 USA
Tel + 1 203 326 7200

UK
Suite 2
First Floor
Braywick House West
Windsor Road
Maidenhead, Berkshire SL6 1DN
Tel + 44 1494 857762

www.protegrity.com