

ActiveBase Security™ Password and Personal Information Transparent Encryption

Sensitive and Personal Information Data Security

ActiveBase Security software provides an automated data security solution for securing sensitive and personal data stored in production systems, QA and development environments - without recoding applications.

It enables transparent password/sensitive column encryption – where only approved application requests are rewritten by ActiveBase server to include decrypting functions on passwords or other sensitive column values.

Insert and update requests are routed through ActiveBase Security, which applies encryption on the values, keeping the data stored encrypted – WITHOUT TOUCHING APPLICATION CODE OR DATABASE CONFIGURATIONS.

At the same time, it allows IT professionals and outsourced DBA, developers and QA teams safe access for legitimate business purposes without exposing sensitive information or risking personal data leakage.

ActiveBase is built on a unique in-line SQL*Net proxy server software technology, configured to route only selected group of clients or applications to all databases. It intercepts and analyzes incoming SQL statement requests, selectively applying decryption and encryption functions on selected columns or even blocking offensive requests in real-time **before** reaching the database servers (on-motion).

Flexible routing rules enable to determine which clients and application requests will pass through ActiveBase server, and which applications will bypass ActiveBase server to reconnect directly to the databases. For auditing and blocking purposes, it uniquely adds a prefix to all sessions routed through it, presented in v\$session's client info.

Powerful Knowledge Policy Packs provide immediate security for your sensitive information

ActiveBase Security is an independent audit and proactive security solution that satisfies compliance requirements and powerful real-time security enforcement while preserving application performance. It is easy to deploy and fully transparent to clients, applications and databases.

ActiveBase Security intercepts and changes the requests in real-time (on-motion), before reaching the databases. By not touching the application code or the original data, the integrity of database relationships is preserved, enabling users work through the interface screens while sustaining business validity.

Encryption/decryption rules can be propagated across applications, development tools and environments to simplify standardization and compliance for production, QA and development environments.

Policy simulation assistants enable to see the effect of security policies on incoming user requests. Auditing and reporting allow your organization to demonstrate your compliance with legislation requiring data privacy.

Driving ActiveBase Security provides centralized management of all application data throughout an organization from a unified, integrated platform.

Features at a glance

- ❖ User-defined and pre-packaged (Knowledge Packs) policies
- ❖ Integrity preservation and realistic data replacement
- ❖ Rules can be propagated to heterogeneous environments
- ❖ SQL injection and Critical Patch Update (CPU) protection
- ❖ Auditing and reporting

Benefits

- ✓ Compliance to sensitive and personal data encryption and scrambling requirements
- ✓ Prevents unauthorized users from accessing sensitive data in production environments, QA and testing
- ✓ Enforces regulations with no application recoding or database manipulation
- ✓ Immediate security using predefined Knowledge Packs

www.active-base.com

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Highlights

ActiveBase Security software is centrally and transparently installed on the database server or on a dedicated server.

It automatically applies predefined and user-defined encrypt/decrypt functions, blocking, scrambling or hiding policies that change application requests before reaching the databases.



Full audit is provided with prebuilt Business Objects universe or Cognos reporting.

It is built on multi-threaded high-performance architecture with multiple fail-over and load-balance mechanisms, supporting up to hundreds of applications in a single installation.

Supported platforms:

AB*Security supports all applications using Oracle8.0 and higher. It is available on Solaris, AIX, HP-UX, Linux and Windows platforms.

