4audit

Powered by 4Sight

Every business application is reliant on a stable and secure database environment, whether it is your financial system or another line-of-business (LOB) application.

The business challenge in securing this environment lies in the fact that your database is not safely locked away. It is accessed and modified, directly or indirectly, by every single business application user.

Organisations want sophisticated, yet easy-to-use tools to provide protective, detective, and corrective controls on the databases managing their Financial and LOB systems. **4audit is the answer.**

GAIN FULL CONTROL OVER YOUR DATABASE ENVIRONMENT

1. Protective Controls

Protective database controls can be seen as any proactive action which allows database administrators to effectively monitor the performance of their databases. 4audit triggers administrator alerts via email or SMS, notifying system owners of pending server alerts such as the available space within the ERP database.

Custom rules allow for auditing and reporting on unauthorised user actions like users providing authorisation to transactions above the levels determined in the governed financial policy or unauthorised changes that are made to customer credit limits.

4audit can monitor any database residing on MS SQL 2005 or later (Standard and Enterprise Editions) and utilises the built-in SQL Reporting Services functionality for generating reports.

2. Detective Controls

Detective database controls are any action that allows organisations to monitor, track, and record database activities. 4audit does just that. Any action by any user on any system is tracked and recorded within the 4audit application.

3. Corrective Controls

Corrective database controls can be seen as any action triggered in response to the established detective controls, allowing administrators or department heads to respond to unwanted or unauthorised user actions.

a) Categories: 4audit allows administrators to add every user action or server activity to a specific category: Normal, Medium, or High.

Corrective rules are then applied to each category, dictating the response to the tracked action.

b) Alerts and notifications: Each of the above mentioned categories are linked to a specific level of urgency or notification:

- Normal Alert: Log the event.
- Medium: Log and send an Email to a system administrator or department head.
- High: Log, Email, and send an SMS to a system administrator or department head.

THREE LEVELS OF AUDITING CAN BE APPLIED

1. Microsoft SQL Server Auditing

Monitor, track, and record:

- Creation, altering, and dropping of: logins, roles, new members, databases.
- Adding and dropping of new members and database role members.
- Server drive = total size, free space (MB and %).

2. Database Auditing

Monitor, track, and record:

- Creation, altering, and dropping of: tables, views, indexes, full text indexes, functions, triggers stored procedures, triggers, assemblies, types.
- Creation of XML indexes.
- Creation and dropping of synonyms.

3. Field Level Auditing

Monitor, track, and record:

- The insert, update, or deletion of any field on any application.

FEATURES OF 4AUDIT TRAILS INCLUDE:

Protective

Financial and Line-of-Business Database Environments

Detective

Corrective

Auditing Templates

Settings on triggers can be exported to Microsoft Excel 2007 / 2010 for reuse or backups.

Friendly Names

Import our available Friendly Name templates to assist with applying triggers to tables for Sage 300 ERP and 4Sight's internal developed products, for instance, 4flow.

Upgrade Utility

The Sage 300 ERP Upgrade function will save time in your next Sage 300 ERP upgrade – the function will import all new modules, tables, and fields (including available Friendly names) into 4audit. This function will also be useful if you have purchased a new Sage 300 ERP module.

Notifications

The Role-based solution allows you to add automated Email notifications once rules are applied to triggers.

Table Relationships

Set up relationships between tables to receive more detailed information on a record entry/change.

Reports

Enjoy standard reports including Data and Database Audit, Server Audit, and System Reports or easily set up your own with SQL Reporting Services. The solution will also publish to secure socket layers.

Online Updater

Receive pre-configured templates by checking our built-in cloud service.

Multi-Threaded option

Enhance auditing performance by utilising all cores for processing.

CONTACT US

Incorporated in 2017, 4Sight is a JSE AltX (ticker: 4SI) listed, multi-national, diversified technology group. Our purpose is to leverage our extensive product and services portfolio, focused on 4IR technologies, people and data-focused solutions to design, develop, deploy and grow solutions for our partners (customers and vendors).

The company's mission is to empower our partners to future proof their businesses through digital transformation to make better and more informed decisions in the modern digital economy.

4Sight's business model enables its partners to take advantage of products and solutions within its group of companies, which will allow them to enjoy turnkey digital transformation solutions across industry verticals.

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