

Every business application, whether it be your Financial System or other Line-of-Business (LOB) applications, are reliant on a stable & secure database environment. 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. AccTech Audit Trails 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. AccTech Audit Trails triggers administrator alerts via Email or SMS, notifying system owners of pending server alerts such as the available space within the ERP database.

Unauthorised system user actions i.e. users providing authorisation to transactions above the levels determined in the governed financial policy; unauthorised rising of credit limits etc.

Audit Trails can monitor any database residing on MS SQL 2005 or 2008 (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 which allows organisations to monitor, track and record database activities. AccTech Audit Trails does just that. Any action by any user on any system is tracked and recorded within AccTech Audit Trails application.

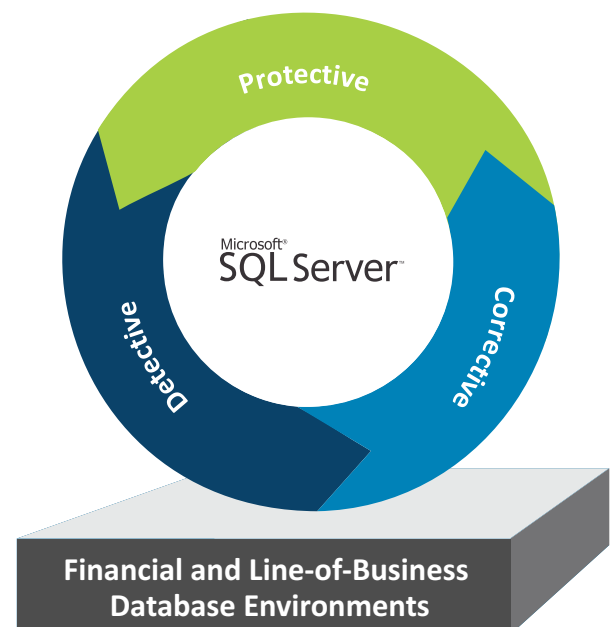
Three levels of auditing can be applied:

a) Microsoft® SQL Server Auditing - Monitor, track and record:

- i. Create, alter and dropping of logins.
- ii. Creation, alter and dropping of roles members.
- iii. Adding and dropping of new members.
- iv. Create, alter and dropping of databases.
- v. Adding & dropping of database role members.
- vi. Server drive = total size, free space (Mb and %)

b) Database Auditing - Monitor, track and record:

- i. Creation, altering and dropping of tables
- ii. Creation, altering and dropping of views
- iii. Creation, altering and dropping of indexes
- iv. Creation of XML indexes



- v. Creation, altering and dropping of full text indexes
- vi. Creation and dropping of synonyms
- vii. Creation, altering and dropping of functions
- viii. Creation, altering and dropping of stored procedures
- ix. Creation, altering and dropping of triggers
- x. Creation, altering and dropping of assemblies
- xi. Creation and dropping of types

c) Field Level Auditing - Monitor, track and record:

- i. The insert, update or deletion of any field on any 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: AccTech Audit Trails 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 category are linked to a specific level of urgency or notification:
 - i. Normal Alert: Log the event.
 - ii. Medium: Log and send an eMail to a system administrator or department head.
 - iii. High: Log, eMail and send a SMS to a system administrator or department head.

Features of Audit Trails include:

- **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 AccTech eWorkflow 2013.
- **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 Audit Trails. This function will also be useful if you've 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** - Setup 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 setup 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.



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