



# TRACE<sup>®</sup> for Auditors

**WHAT** has been done to your System i Data?  
And **WHO** did it?

The All Out Family	
<b>IBM System i (AS/400)</b>	
<b>TRACE - Programs</b>	Monitors users and programs to audit area of particular risk especially ODBC, SQL, Contractors, System Administrators, etc.
<b>TRACE - Data</b>	Tracks before and after images of critical transaction and master files.
<b>JDE EnterpriseOne</b>	
<b>Modules</b>	Risk Reporting Risk Management SuperGrids ProjectPlus CombiRoles
<b>Solutions</b>	New Install Roll-Outs Upgrades "Open to Closed" Conversions
<b>JDE World</b>	
<b>Modules</b>	SOXLock StarGroups Profile+
<b>Solutions</b>	"Deny ALL in a Day" Automate your Audit Multiple Groups for World Instant Profile Management

**TRACE<sup>®</sup>** is an audit product designed specifically for Internal Auditors. It delivers all the essential elements of an integrated audit solution –

- **Auditor Independence** – no need to rely on support from the same IT people as you are auditing.
- **Secure Archive** – a single, encrypted, database repository eliminates the complexity of collecting, inquiring and reporting data.
- **Compliance Reporting** – for Management sign-off – make Management responsible for user activity – and database changes.
- **Implement SoD Mitigating Controls** – for users who have to be in breach of SoD rules because of business imperatives.
- **Automate your Audit** – achieve more thorough audits and reduce cost.

The product tracks the activity of users and keeps an audit trail of the programs they have used and the data they have changed.

Thus **TRACE<sup>®</sup>** is an "after the event" tool – it records the activity of users who have circumvented your Control Systems - answering questions such as –

- Have users bypassed the application level controls?
- Have they been using ODBC or SQL to update data?
- What have Contractors and Temporary staff been doing?
- Have changes been made to critical files?

And it is perfect for implementing Mitigating Controls as part of a Risk Remediation project.

## Volume Problem

**TRACE<sup>®</sup>** has special features that enable you to tightly control the volume of data being collected – particularly for transaction files. This eliminates the most common objection from IT departments to collecting audit data – "not enough disk!"

And, to give you even more control, there is an automatic purge feature that will remove records after a specified period.

*Designed by Auditors for Auditors*



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## Single Encrypted Database Archive

All archive data is held in a single file – thus simplifying management – and providing an extremely effective query and reporting interface.

So Auditors remain independent of IT.

And the data is encrypted – making it virtually impossible for a technical person to make a change and then cover their tracks.

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DISDEF                                     Discovery for IBM System i                               Date: 3/10/11      Time: 9:54:06      Page: 1
*** Data Auditing History Report ***
Selections: From Date/Time : 1/01/11 0:00:00 To Date/Time : 1/24/11 23:59:59 Report format : *DEFAULT
Database Library : JMWDTAS1D File : F0003 Action Code Security User : *ALL
Program Library : *ALL Pgm : *ALL Product : DFU Type : *ALL

<-----Data Fields----->
<Date> <Time> <User> <Program> <Type> User ID Program ID Add Chg Dlt
                                ID ID Y/N Y/N Y/N
-----
01/24/11 10:03:02 WILKINSD QDSTD00001 CB *AP F00031 Y Y Y
CA N
01/24/11 09:24:36 WILKINSD QDSTD00001 CB *AP F00031 Y Y Y
CA N
01/24/11 09:23:39 WILKINSD QDSTD00001 CB *ALLOUT F00031 Y Y N
CA Y
01/24/11 09:21:48 WILKINSD QDSTD00001 CB *AP F00031 N Y N
CA Y
01/17/11 10:59:11 WILKINSD QDSTD00001 CB *ALLOUT F00031 Y Y Y
CA N
01/17/11 10:53:44 WILKINSD QDSTD00001 CB *AP F04102 Y Y Y
CA N

Certification Submitted By: WILKINSD Dave Wilkins Pages Approved 1
Certification Approved By: PHILLIPSL Luke Phillips Signed & Approved _____

! Report to be signed off showing DFU activity on F0003 this year. !

** End of Report **

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## TRACE<sup>®</sup> for System i

### Perfect for Compliance Reporting

The product produces paper based reports for authorization by managers.

The report layout can be customized by the auditor to ensure the key information is displayed in a format that is suitable for sign-off.

And so management can be held accountable for the activity of their staff – thus focussing their attention on potential fraud.

### Perfect for Detecting Fraud

Powerful query tools enable auditors to browse the activity of sensitive users, programs and files, focussing on areas of risk and displaying information in a choice of easy to understand formats.

And you have the option to output large volumes of data into Excel for off-line analysis.



## Available on Subscription

No massive up-front license fees – **ALL Out TRACE** is available for a monthly subscription fee with no complex cancellation clauses. Just pay for it as you need it. Subscription rate is based on your iSeries software group. See our web-site for details on how to subscribe.

**www.ALLOut-iSecurity.com - or email - eric@alloutsecurity.com**