



 **DATASHEET** (Cybersecurity)

# Data Thread

**A**s threats to data security grow, governments and trade groups are adopting strict standards to ensure protection of sensitive data, much of which is stored on Power Systems™ running IBM i. Finance, biotechnology, gaming, and other highly regulated industries rely on the operating system to secure their data and track it for compliance audits.

Data Thread™ leverages IBM i to automate, streamline, and centralize your database monitoring while providing full notification, authorization, reporting, and regulatory compliance capabilities.

## Know What Your Users Are Doing

Data Thread is a high-performance database monitor that helps you automate and centralize monitoring and user activity reporting for your IBM i servers. When a user accesses a database file, Data Thread tracks what they see, where they go, and what they do, including changes they make to sensitive information like payroll files.

Providing a complete audit trail and real-time notification, Data Thread helps you meet compliance requirements and reduce security risks.

## Automate and Centralize Your Monitoring

Data Thread automates and centralizes your monitoring and reporting (even down to field-level). It allows you to process by exception and eliminate manual reporting and reviewing. You can even use e-signatures and notifications to automate your approval processes and streamline your workflow.

A constant influx of unfiltered data changes does no good if there's too much to understand. Data Thread filters events by user, IP address, date, time, and priority so operators have less volume and can read results more easily.

### PRODUCT SUMMARY


#### KEY FEATURES

- Powerful database security monitoring
- Transaction filtering
- Field-level monitoring
- Real-time alerts
- Electronic signatures
- Data change recording

#### KEY FEATURES

IBM i 7.1 or higher

This message is to inform you of security's database which require your review.

**DataThread Change Notification**  your security expert

This message is to inform you that a change has been made to your company's database which requires your review. You may click the button below to acknowledge this change.

Table	DATATHREAD/TSTEMP	User	PUBLIC
Date/TIME	06/29/2012 12:00:00	Action	Changed Record

Field Name	Before	After
EMNAME Emp Name	Sabrina Duncan	Sabrina Duncan
EMID Emp Num	15	14

**Reason for Change:**

**Comments:**

Data Thread Empowers your change review with real-time monitoring and the ability to sign for changes.

## Empower Your Change Review

Data Thread detects database changes in real time. It also gives data owners power to require permission for changes and review whether changes were approved. The result is an audit trail with visibility to all changes and a record of historical reporting and forensics.

Data Thread also generates reports and secures audit history, with custom options—you can designate certain fields to be more sensitive than others—for sending automatic alerts by email, text, or pager.

## Meet Security Regulations and Standards

It is more crucial than ever to comply with government and trade mandates for integrity and security of data. Data Thread captures changes in a secure, auditable database—including before-and-after images and change history—giving you the ability to satisfy audits with confidence and without the suspicion that homemade controls arouse.

## Enjoy a Quick Return on Investment

Regulations can place a large burden on IT resources. Data Thread lessens the impact by helping you satisfy data integrity and audit requirements without program-ming or modifying your applications. It offers quick and continuing payoff by extending the capabilities of your existing systems—including your file journal—so you can monitor databases and send change notifications automatically and in real time.

## Let's Get Started

For more information visit [www.onlineit-sas.com/productos/data-thread](http://www.onlineit-sas.com/productos/data-thread)

DataThread Audit Report											
<a href="#">Click here to view criteria</a>											
Transaction ID	Library	File Name	Member	Event Type	Date	Time	Program	User	Full Name	Reason	Comment
		Field Name	Field Description	Inclusion Flag	Before			After			
11182989200001	DTSAUDERS	TSTLOT	TSTLOT	C	2004/04/22	08:18:12	TSTLOT	USAUNDER	Jamey Saunders	QAT	Retested for potency
		LOLOT	Lot number	K	BCB153			BCB152			
		LOPROD	Product	D	003380			003380			
		LOSTAT	Status	O	Q			J			
		LOPOT	Potency	O	90.000			95.000			
		LOEXPD	Exp Date	O	20051222			20041222			
1118299410003	DTSAUDERS	TSTLOT	TSTLOT	C	2004/04/22	08:19:01	TSTLOT	USAUNDER	Jamey Saunders		
		LOLOT	Lot number	K	BB0456			BB0456			
		LOPROD	Product	D	0132			0112			
		LOPOT	Potency	O	90.000			95.000			
		LOEXPD	Exp Date	O	20070417			20060417			
11193903900008	DTSAUDERS	TSTLOT	TSTLOT	C	2004/04/23	10:50:39	TSTLOT	USAUNDER	Jamey Saunders	QAT	QT Potency

Data Thread captures changes in a secure, audit-able database, including before and after images of changed data.