



## DVM

### THE SOLUTION FOR AUDITING READ ACCESS OF SENSITIVE DATA FILES ON THE IBM i

DVM (Database View Monitor) has been added to the Cilasoft product suite to help companies control which users have access to specified sensitive data on your IBM i and to know who reads sensitive data and when.

This innovative product expands the audit process beyond database changes to real-time database access events, helping companies meet the stringent data-confidentiality requirements of Payment Card Industry Data Security Standards (PCI-DSS), Health Insurance Portability and Accountability Act (HIPAA) and other compliance regulations.

## DESCRIPTION

Without the need to change your existing applications, DVM uses very granular tracking to detect read access to sensitive data files at the record level.

With **DVM** you can:

- \* Block and/or send alerts when a user reads confidential data outside of the normal application
- \* Block and/or send alerts when a user accesses confidential data in a specified file; e.g.: managerial salaries, sensitive bank transactions, medical or personal data of public figures
- \* Produce reports with context data (IP address, current user, call stack, etc) and a listing of all fields that were read

## INFALLIBLE VISION



## Security & Compliance



GLT 012 Audit Read Access - Client

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System	Operation	Date	Time	Job	Pgm Lib	Pgm	User	Company	Client ID	Client Name	Cl.Type	Access
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	001	491500000000001	Norman Johnson	USER	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	001	491500000000001	Norman Johnson	USER	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	001	491500000000001	Carol Ford	3000	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	001	491501000000001	Marnet Dasiva	YYYY	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	002	491500000000001	Ephrem Rastabourou	VVVV	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	002	491501000000002	Eric Wang	00000	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	003	580010001010101	David Alford	TTTT	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	003	6078787878787878	Sylvia Khan	JJJJJ	ACCEPTED
PROD_USA	RD	2012-03-12	16:36:50	QFRADEV001	F_GLT	GLFPGW00E	NORMAN	003	6078787878787878	Sylvia Khan	JJJJJ	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:16	QFRADEV001	QTEMP	QZDASCHNT	CAROL	001	491500000000001	Norman Johnson	USER	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:17	QFRADEV001	QTEMP	QZDASCHNT	CAROL	001	491500000000001	Carol Ford	3000	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:17	QFRADEV001	QTEMP	QZDASCHNT	CAROL	001	491501000000001	Marnet Dasiva	YYYY	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	001	201500000000001	Norman Johnson	USER	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	001	491500000000001	Carol Ford	3000	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	002	491501000000001	Eric Wang	00000	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	002	491500000000001	Ephrem Rastabourou	VVVV	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	001	491501000000001	Marnet Dasiva	YYYY	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	003	580010001010101	David Alford	TTTT	ACCEPTED
PROD_USA	RD	2012-03-12	16:37:35	QZDASCHNT	QSYS	QZDASCHNT	NORMAN	003	6078787878787878	Sylvia Khan	JJJJJ	ACCEPTED

### KEY FEATURES

- \* **Blocking mode** to prevent users from reading specified information in a file
- \* **Simulation mode** so you can test rules before deploying, thus ensuring file blocking does not disrupt normal day-to-day activities of staff
- \* Audit criteria at a **very granular level** to detect high-risk read access
- \* Optimized retrieval of **context variables**
- \* **Impact on performance is minimized** through multiple intelligent and integrated mechanisms; i.e.: controlled hold, automatic hold in case of excessive execution time, etc.
- \* An **exhaustive vocabulary** is included for rule definition
- \* Multiple **actions** (program, journal, etc.) and **alerts** (e-mail, popup, program, journal, etc.) are included
- \* Reports can be produced in many **formats: XLS, PDF, etc.**
- \* **Import/export** configuration

“DVM is able to detect & log read access of sensitive files, providing a real-time, condition-based alerting system, with little or no impact on performance.”

### BENEFITS

- \* Meet the most stringent regulatory requirements on confidential data
- \* Reduce the risk of accidentally disclosing critical data
- \* Deter fraudulent activity



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