



AP Journal

Application & Field Level Security Monitoring

AP Journal

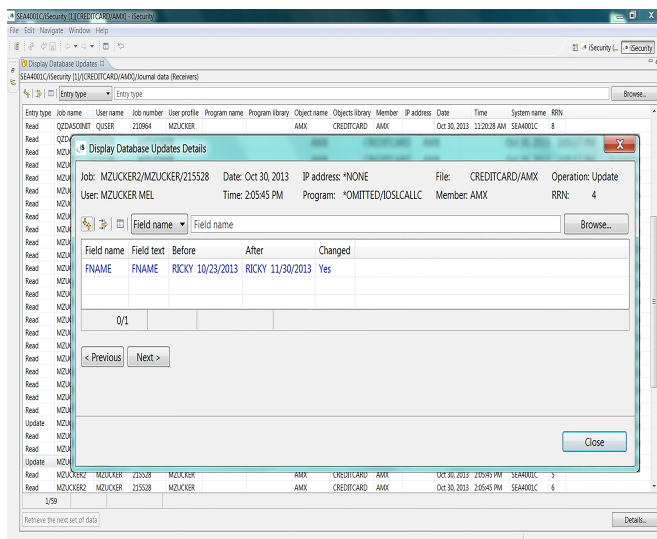
THE AP-JOURNAL SOLUTION

iSecurity AP-Journal is an Application Security and Business Analysis Solution for the IBM i. AP-Journal protects business-critical information from insider threats as well as external security breaches. It keeps managers closely informed of important changes in their business-critical data and streamlines journaling procedures.

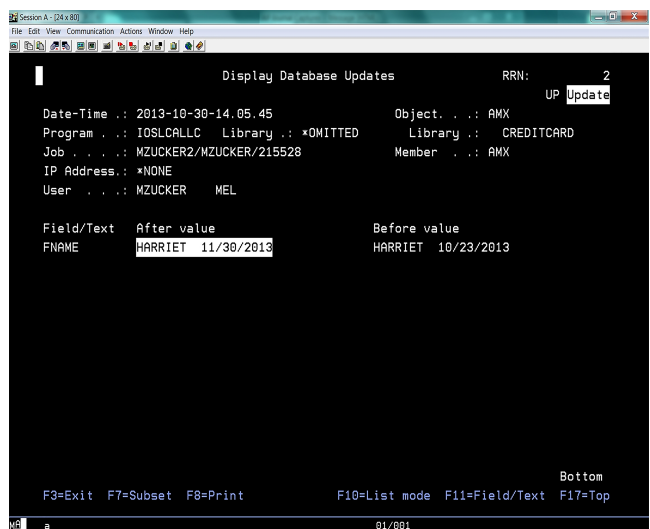
Users can integrate information from various files and view all changes relating to specified business items. AP-Journal enforces business rules by triggering external functions.

With its unique technology, AP-Journal logs database access (READ operations) directly into the journal receivers. This functionality is not provided by OS/400 journaling and is an important component of compliance. By providing a timeline report of all changes relating to application data, AP-Journal reduces unauthorized activity and enables users to meet regulatory requirements. The product also issues real-time alerts informing managers of any changes in application databases and/or unapproved access to critical data.

AP JOURNAL GUI



AP JOURNAL ENTRY



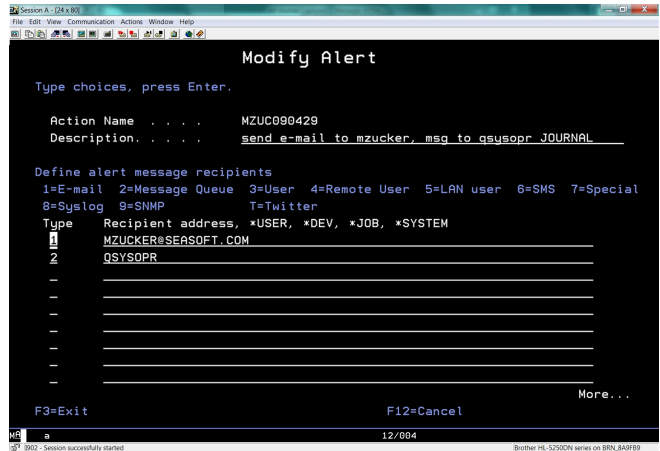
FEATURES

- Addresses PCI, SOX, HIPAA, etc. requirements
- Long-term storage of sensitive information, independent of journal receiver lifecycle
- Advanced filtering enables saving only important information, to suit storage limits
- READ operations selectively added to Journal, for compliance with PCI requirements
- Real-time alerts on changes in business-critical data & access, sent as operator messages, e-mail, text message, SYSLOG; CL Scripts execution
- Timeline and cross-application reports based upon user-defined business items
- Report data can include key fields, description fields and modified fields (highlighted)
- Output as Online, Print, HTML, PDF, Outfile & Email
- Filter according to "before" or "after" values of each database field. Boolean And/Or, EQ, GT, LE... N/LIKE, N/LIST... conditions refer to percentage or absolute value changes
- Runs on a High Availability system, reducing performance impact on Production Systems
- Real-time or scheduled operation mode

EXAMPLES OF AP-JOURNAL REPORTS & CONDITIONS

- Who modified file PAYMENTS between 9:00 PM and 6:00 AM during a personal holiday; among those, who reduced the PAYMENT_AMOUNT by more than 15%?
- Who worked on the SALARY file during non-standard business hours and accessed employees whose salaries exceed \$5,000 monthly?
- Provide John with a timeline report of all changes made to his MORTGAGE (covering the dozens of files in the MORTGAGE application), during the past 25 years.
- Send an SMS message and e-mail to the company's Chief Security Officer when the PRICE_OF_ITEM changes by more than 4%.
- Send a SYSLOG message and operator message when the PRICE_OF_ITEM for an ITEM shipped last month changes by more than \$6.20.
- Send an e-mail when anyone accesses the record of an employee whose monthly SALARY is greater than \$5000.
- What users who are not in the HR department modified the SALARIES table?
- What changes to the hospital's PATIENTS file were made via utility application DFU?

AP JOURNAL MODIFY ALERT



AP Journal Configurations

BUSINESS ANALYSIS & BIZALERTS

Secures business-critical applications and issues real-time messages and/or e-mail alerts when user-defined thresholds are crossed. AP Journal generates instantaneous filtered reports covering changes in application data from all relevant applications over periods spanning numerous years.

APPLICATION TRACE

Enables viewing field changes in files that contain a common key or identifier. The files comprising the set can easily be defined and filter conditions can be set to expedite performance and quickly display the business-critical data that has changed.

REGULATION COMPLIANCE

Enables quick viewing of field-level changes in up to two application files.