

AP-Journal performs real time detection of database changes and access attempts, supports long term storage of critical information, and enables analysis of business items.

iSecurity™ AP-Journal is an Application Security and Business Analysis Solution for the Power 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.

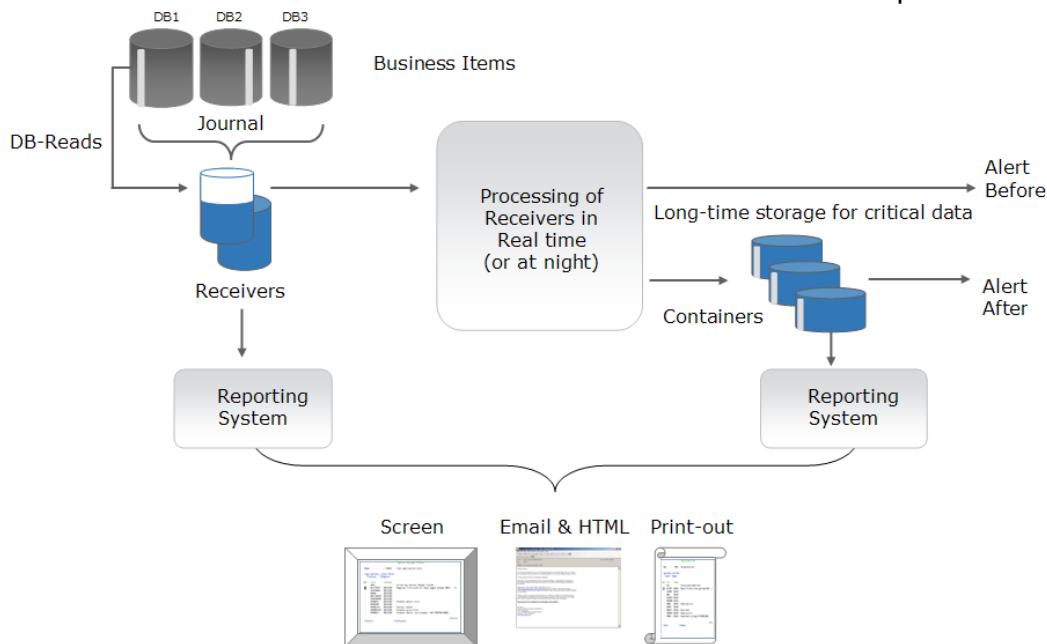
Users can integrate information from various files and view all changes relating to a specified business item. In addition, AP-Journal helps enforce business rules by triggering external functions.

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 constitutes 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. It also issues real-time alerts to inform managers of any changes in application databases or unapproved access to critical data.

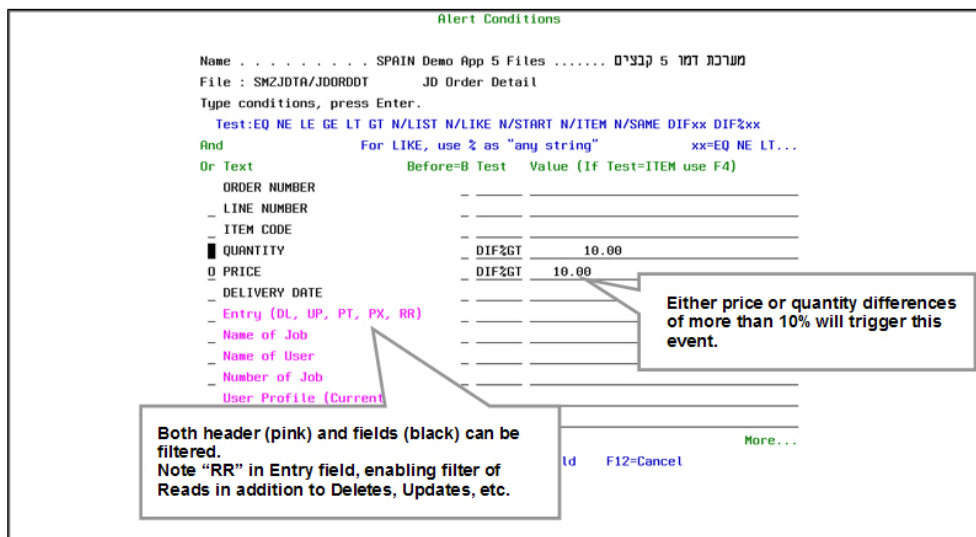
Features

- 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, SMS, SYSLOG; CL Scripts execution
- Timeline & 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 20:00 and 06:00 during vacation; 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?



Alert Conditions

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Name . . . . . SPAIN Demo App 5 Files . . . . . מערכת דמו 5 קבצים
File : SM2JDTA/JDORDDT      JD Order Detail
Type conditions, press Enter.
Test:EQ NE LE GE LT GT N/LIST N/LIKE N/START N/ITEM N/SAME DIFxx DIF%xx
And          For LIKE, use % as "any string"      xx=EQ NE LT...
Or Text          Before=B Test  Value (If Test=ITEM use F4)
ORDER NUMBER    _ _ _ _ _
LINE NUMBER     _ _ _ _ _
ITEM CODE       _ _ _ _ _
QUANTITY        DIF%GT      10.00
PRICE           DIF%GT      10.00
DELIVERY DATE   _ _ _ _ _
Entry (DL, UP, PT, PX, RR) _ _ _ _ _
Name of Job     _ _ _ _ _
Name of User    _ _ _ _ _
Number of Job   _ _ _ _ _
User Profile (Current) _ _ _ _ _
  
```

Both header (pink) and fields (black) can be filtered.
Note "RR" in Entry field, enabling filter of Reads in addition to Deletes, Updates, etc.

Either price or quantity differences of more than 10% will trigger this event.

ld F12=Cancel More...

AP-Journal Alert Conditions Screen

AP-Journal Configurations

- **Business Analysis and BizAlerts** – secures business-critical applications and issues real-time messages and/or e-mail alerts when user-defined thresholds are crossed. The product 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.