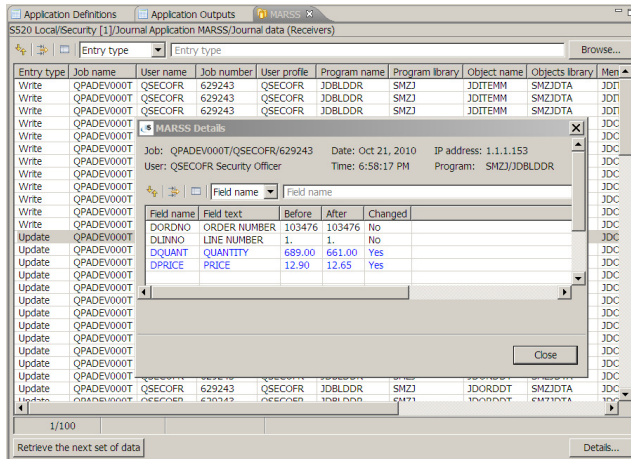


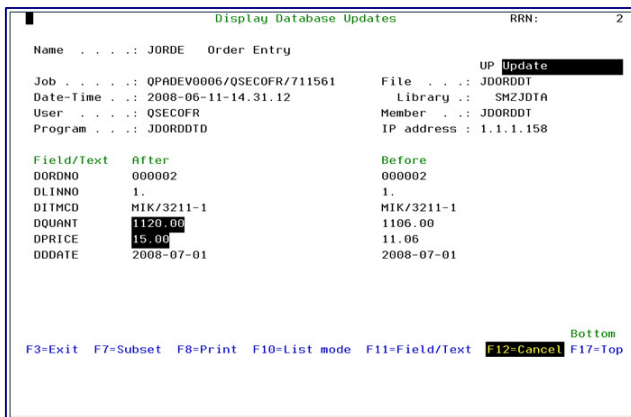
## Secure Your Business-Critical Application Databases



AP-Journal - Display Database Updates in GUI

The iSecurity Application Security Suite includes solutions for protecting business-critical application databases from unauthorized access and for tracking user activities- Reads as well as Writes and Updates!- on application databases. Application Security solutions enable the user to control **who** accesses **which** fields, **when** the access was made and **from which** IP address.

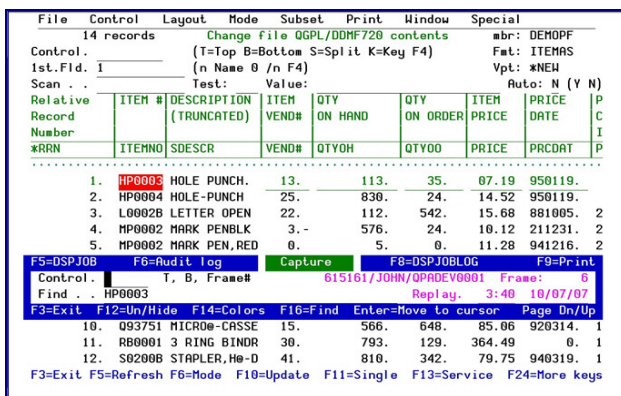
Visualizer, the iSecurity GUI-based Business Intelligence product, enables on-line "drill down" investigation of all accesses and changes made to any database field, in any application, over an indefinite period of time!



AP-Journal - Display Database Updates

Another component of the suite "masks" sensitive record or field data from users not authorized to view such data. This assists companies in complying with regulatory and audit requirements applicable to the financial, healthcare, and other regulated industries.

The Application Security Suite keeps managers constantly informed about accesses and changes made to application databases. Any change which exceeds a site-defined threshold triggers an alert which is sent as an e-mail or Operator message, or as a Syslog, SNMP, Twitter or SMS alert.



Capture - Proof of Security Breach

Also, all changes made to a critical business item (such as a loan number, patient number, order number, etc.) can be viewed in a single timeline report with all "before" and "after" changes highlighted.

Finally, the Application Security Suite saves actual user screens captures and enables "playing back" a session or searching for incriminating evidence.

The suite complements high-availability products & solidifies the position of iSecurity as the most comprehensive security solution for the IBM i.

## Application Security Suite Modules

### AP-Journal

- Issues real-time alerts when business-critical data changes by more than a pre-defined amount or percentage.
- Unique technology captures Read accesses and integrates this information into journal receivers for standard product processing.
- Application-specific cross-database business items can be defined (such as mortgage number, item number, catalog number) for cross-application reporting of accesses and changes.
- Generates comprehensive reports displaying all changes to a particular application within a given time period, including “before” and “after” field data. The reports can integrate data from numerous applications.
- Complements high availability IBM i products by ensuring full synchronization of journal receivers, including remote journal receivers.
- Can be OEM-ed by application vendors to provide their business-critical applications with an added level of application control and compliance capabilities.
- Ideal for financial, ERP, health care, and banking customers who require quick answers to questions from users, product managers, and auditors about changes in field-level data.

### Capture

- Automatically captures and saves user screen activity as displayed on green-screen workstations, creating an easily searchable visual audit trail.
- Operates invisibly in the background and has no effect on system performance.
- Screen capture sessions are retrieved through an intuitive process using powerful free-text search capabilities of captured data in screens and logs.

### View

- Provides full record & field level security by restricting access from unauthorized users to certain information in IBM i databases based on pre-set rules. Existing applications generally require no modifications.

The screenshot shows the 'Field Security' configuration window for 'ITEMAS'. It lists various fields with their types and access levels. Below the configuration, a data table is displayed with several fields masked with asterisks or zeros.

Field	Field Text	Type	Access	Character
ITEMNO	ITEM #	A	None	*
SDESCR	DESCRIPTION (TRUNCATED)	A	Full	
VEND#	ITEM VEND#	S	Full	
QTYOH	QTY ON HAND	B	Full	
QTYOO	QTY ON ORDER	B	Full	
PRICE	ITEM PRICE	P	None	0
PRCDAT	PRICE DATE YY.MM	S	None	0
PRCCHG	PRICE CHANGE IN-%	P	None	0
SALES#	SALES MAN	P	Full	
DESCR	DESCRIPTION	A	None	
CSLS01	1ST QUARTER SALES	P	Read-Only	
CSLS02	2ND QUARTER SALES	P	Read-Only	
CSLS03	3RD QUARTER SALES	P	Read-Only	
CSLS04	4TH QUARTER SALES	P	Read-Only	
DFNDAT	DEFINITION DATE	L	Full	

ITEM #	DESCRIPTION (TRUNCATED)	ITEM VEND#	QTY ON HAND	QTY ON ORDER	PRICE	PRICE DATE	PRICE IN-%
*****	MARK PEN, BLK	12.	620.	27.	0.00	0.	0.000
*****	MARK PEN, RED	9.	118.	37.	0.00	0.	0.000
*****	STAPLE@-RMVR	11.	79.	22.	0.00	0.	0.000
*****	MICRO@ CASSE	12.	15.	239.	0.00	0.	0.000
*****	NOTEPAD-A4, L	15.	78.	27.	0.00	0.	0.000
*****	MICRO@-CASSE	16.	575.	652.	0.00	0.	0.000
*****	BALLPEN	16.	379.	21.	0.00	0.	0.000
*****	HB 2	18.	128.	39.	0.00	0.	0.000
*****	PENCILS-#3	21.	118.	422.	0.00	0.	0.000

**View – Field definitions and masked, \* or 0-filled output fields**