

# FileScope

## PRODUCT DESCRIPTION

FileScope is recognized by System i professionals as the leading System i solution for data manipulation. FileScope provides unprecedented file editing capabilities, while adhering to the highest standards of quality, reliability and performance.

FileScope has enabled thousands of System i users to quickly and easily perform both basic file editing and advanced activities such as global and local record updates, data conversion and creation of test data.

## THE FILESCOPE SOLUTION

FileScope enhances general user productivity while providing user level tools to System Administrators and DBAs. FileScope's simple and easy-to-use user interface alleviates the need to program code.

Using FileScope, software development and maintenance times are greatly reduced, and problem troubleshooting is expedited. FileScope replaces ad hoc modification programs, reports, file generating programs, etc. and contains advanced error tracking and identification capabilities.

Unlike other information retrieval and manipulation methods such as DFU or QUERY, FileScope does not require compilation and definition steps. FileScope enables modifying database requests on the fly, performs record updates under your visual control, holds complete control over printing of reports and supports UNDO for any change.

File	Control	Layout	Mode	Subset	Print	Window	Special					
14 records								Change file SM21/DEMOPF contents				
Control.		1st.Fld. 1			Scan . .		Test: _	Value				
Relative	ITEM #	DESCRIPTION	ITEM	QTY	QTY	ITEM	PRICE	PRICE				
Record		(TRUNCATED)	VEND#	ON HAND	ON ORDER	PRICE	DATE	CHANGE				
Number								IN-%				
*RRN	ITEMNO	SDESCR	VEND#	QTYOH	QTYOO	PRICE	PRCDAT	PRCCHG				
-----												
	2.	HP0003 HOLE PUNCH.	14.	113.	35.	11.19	950119.	.				
	15.	HP0004 HOLE-PUNCH	25.	830.	24.	14.52	950119.	.				
	17.	L0002B LETTER OPEN	22.	112.	542.	15.68	881005.	22.000				
	37.	MP0002 MARK-PENBLK	4.-	600.	25.	10.25	211231.	23.000				
	19.	MP0002 MARK PEN,RED	10.	5.	0.	11.28	941216.	29.000				
	20.	NP001F NOTEPAD A4,L	14.	66.	24.	17.05	91231.	20.000				
-----												
14 records								Mbr: DEMOPF			Change file SM21/DEMOPF contents	
Control.		1st.Fld. 1			Scan . .		Test: _	Value				
*RRN	ITEMNO	SDESCR	VEND#	QTYOH	QTYOO	PRICE	PRCDAT	PRCCHG				
-----												
20	2.	HP0003 HOLE PUNCH.	14.	113.	35.	11.19	950119.	■ ■				
20	15.	HP0004 HOLE-PUNCH	25.	830.	24.	14.52	950119.	■ ■				
	17.	L0002B LETTER OPEN	22.	112.	542.	15.68	881005.	22.000				
	37.	MP0002 MARK-PENBLK	4.-	600.	25.	10.25	211231.	23.000				
	19.	MP0002 MARK PEN,RED	10.	5.	0.	11.28	941216.	29.000				
	20.	NP001F NOTEPAD A4,L	14.	66.	24.	17.05	91231.	20.000				
-----												
F3=Exit F5=Refresh F6=Mode F10=Update F11=Single-rcd F13=Service F14=Reorder												

With FileScope, software developers enhance their productivity by more than 25%.

## KEY FEATURES AND BENEFITS

### Security and SOX Related Actions

- Determine which users performed certain activities
- Audit pre-defined changes such as:
  - List all changes made for records in which ITEMCLASS = LOAN
  - List all updates to records in which &PRICE ADD 20%
  - List all accesses to records in which &PRICEDATE SET 061031
- Print, e-mail, or export a complete audit trail
- Undo any set of changes, or particular change, performed during the last 99 days.

### Full-Screen Editor

Access and update all content on a multi-record screen. This will enable users to work on generically named files, creating efficiency and time savings.

### Field Calculations

FileScope includes a robust set of tools to define internal fields using formulas which can even be based upon external files and functions.

### Multiple File Management

Real-time, on-line Join capabilities in order to connect to other files. Supports Joined fields of different types and length.

### Report Generator

The most efficient report generator around, both batch and interactive. FileScope's unique capabilities include: reports using internal and/or calculated fields, reports using function-derived fields (e.g. external program), support for a range of keys, break level capabilities, transferring results to PC, subsetting data, and advanced page formatting.

### Batch Processing Facility

Resource intensive activities, such as End-of-Day processing, can be processed in batch. Repetitive operations can be saved and ran directly in batch, without any on-line operator action.

### File Scan

FileScope offers a wide range of retrieval methods for locating specific records in a file or a subset of records.

### Special Printing

Print an entire file structure, a single record or a group of records in a multi-record screen format. Standard product capabilities such as Sorting, Record Group Definition, Field Reorganization, etc., provide additional printing power.

### Log File Changes

Log File contains all relevant historical information regarding who created/modified data, thus allowing for easy tracing of every modification. Includes the operations performed arranged by user name, file name and time range.

**iSecurity**  
System i Security Solutions

IBM Server *Proven*



**SEA**<sup>TM</sup>

**SOFTWARE ENGINEERING OF AMERICA**<sup>®</sup>

Phone: 516.328.7000 • Fax: 516.354.4015 • [www.seasoft.com](http://www.seasoft.com)

All trademarks & copyrights are the property of their respective owners.