Many iSeries (AS/400, Power Systems, System i) sites support applications originally developed for the System/36. Although designed to document native iSeries or System/38 written applications, PATHFINDER can provide cross reference information and documentation for much of the code developed for the System/36 environment.

PATHFINDER can create Object X-ref for any RPG or COBOL program originally developed on the S/36. Once the Object X-ref data has been created, all inquiry options on the Object X-ref Menu will show references to S/36 objects, as well as S/38 and iSeries references. However, the Build/Refresh Object X-ref option does not document OCL programs. Some sites which have not yet converted their OCL to CL use the Scan Source Member option (on the Added Time Saver Menu) to search OCL program source for particular file or program name identified via character strings. Other sites add object references made by OCL programs to PATHFINDER's Object X-ref through the use of the Object API. For more information on the Object API, please refer to Appendix D of PATHFINDER's User Manual.

PATHFINDER's Field X-ref is unique in its ability to document program described files as well as externally described files. This feature enables complete and accurate Field X-ref to be generated for any COBOL or RPG program originally developed on the S/36. PATHFINDER's Field X-ref inquiries are especially useful to sites wishing to standardize field names and externalize file definitions once on the iSeries. Since the inquiries can be made by field position, a uniform field name is not a prerequisite for locating "where used" information for a given field.

For both the Object and Field X-ref, PATHFINDER supports Auto Reports /COPY's and COBOL COPY's. The object and member specified in the copy statement are included in the Object X-ref, and the fields defined in the copied member are included in the Field X-ref.

As your site begins to take advantage of external field definitions on the iSeries, PATHFINDER's File Analysis Menu will help your staff understand, document, and efficiently utilize all the complexities offered by DDS. File layouts, file relationships, and key fields are just a few of the features available on the File Analysis Menu. Keep in mind that all options on this menu are real-time, not requiring a pre-built X-ref.

Printer spacing charts can be generated for RPG and COBOL programs developed on the S/36, S/38, or the iSeries. The spacing chart options work directly from the program source, making them ideal for prototyping cosmetic changes to the output without having to compile the source or create test data! Whether testing changes to report layouts, or simply creating hard copy documentation of program output, the Spacing Chart Menu will prove to be a real time saver!

Sites running in the S/36 environment can additionally enjoy full functionality from all the productivity tools found on the Added Time Saver Menu. Included are the Network Configuration Flow Chart to document system hardware configuration, the Scan Source Members option, Mass Compile to compile lists of files and programs, options to track disk space utilization, as well as several other favorites.

PATHFINDER can effectively help you maintain S/36 applications, or help you prepare to convert to native. If your site moves off the S/36 platform, PATHFINDER will continue to improve programmer productivity by providing complete and accurate cross reference documentation for the iSeries (AS/400, Power Systems, System i).

For further information, please contact our Technical Services department. We can be reached by email at info.hawkinfo.com or call us Monday-Thursday, 7 a.m. to 5 p.m. (MST) and Friday 7 a.m. to 3 p.m., VOICE (970) 498-9000 or FAX (970) 498-9096.