



CPCS enhancement

ICRE search utility

parameter-driven

**software  
corporation  
international**

[www.sci-solutions.com](http://www.sci-solutions.com)

ICRE Search



# Isearch

Software solutions

## Overview

SCI's ISearch utility was designed to assist in the use and research of CPCS ICRE (Input Creation File) data based on parameter-driven selection criteria. ISearch can be used to locate almost any combination of values contained in an ICRE file and will expedite problem resolution, provide enhanced general research capabilities, and support creation of ICRE files for testing or production use.

## Product Research

ISearch provides users and CPCS technicians with the ability to locate multiple combinations of data and enhances their ability to quickly resolve production related problems. Accounts, amounts, endpoints, sequence ranges, user byte values, etc. can all be located in unique combinations to pinpoint individual transactions or groups of transactions that are causing production problems.

## Ease of Use

To locate data within the ICRE file, users normally are required to develop custom utility programs, which is both time consuming and susceptible to errors. Using the parameter-driven ISearch utility, users can easily locate data and resolve problems without having to write custom utility programs.

## Testing Facility

ISearch can be used to create "stripped down" or subset ICRE files from production ICREs for testing purposes. Using ISearch, which outputs a file based on records that satisfy search criteria, users can create files with particular accounts, user bytes, account ranges, or endpoints to focus on data that tests a program enhancement.

## Production File Flexibility

ISearch can be used to omit individual sections of production files that contain corrupt data or to create a subset file that can be used to post reversals. In addition, ISearch user exit routines can be easily modified by the user to read files in formats other than ICRE.

## Documentation

ISearch, like all SCI applications, is delivered with a comprehensive set of documentation. Specific ISearch documentation topics include Using ISearch, Data Flow, User Parameter File, Input Data Stream Format, Item Selection Detail List Report, Output File, Sample User Exits, and Copybooks and Macros.

## SCI

SCI was founded in 1990 by a group of individuals with extensive experience in the payment systems and professional services industries. During the last decade, the company has grown to be one of the world's largest and most capable independent providers of CPCS technical support. SCI consultants are some of the most talented and experienced professionals in the marketplace. They possess the understanding and insight necessary for quickly solving our client's most complex challenges.

Today, while SCI remains focused on its initial market, the company has significantly increased its professional services and solutions offerings. SCI's software development group was formed to leverage the company's knowledge and expertise to deliver a suite of niche based applications all designed to increase the power and flexibility of IBM's CPCS.

ISearch is an excellent example of SCI's focus in software development. The company's goal is to provide tools, utilities, and applications that all deliver real value and provide immediate benefits.

For more information about ISearch or other SCI solutions, please contact the company's software development group at 800-772-7044.