



on-line editing • program development
library management • system maintenance

ALL THE
TOOLS

YOU NEED

UNDER
ONE

UMBRELLA

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OS/390 VSE/ESA REXX language 24/7 tech sup
POWER display change control FTP server file tra
enhanced library management console support
arbitrary screen sizes VTOC display VSAM util
audit trail library scan runs standalone site li

CONDOR is an open environment for on-line editing, program development, library management, system maintenance, and TCP/IP file transfer.

In one convenient package, CONDOR provides all the tools you need to write and edit programs, submit them for compilation or execution, view and manipulate spooler queue data, release or cancel jobs, and much more. With CONDOR, you have a host of on-line utilities that enable you to access your system from a PC window or browser, wherever you may be.

CONDOR customers say...

"It was so easy to convert from VM/CMS to CONDOR using existing VM and CONDOR utilities."

Ovadean Combs
Drexel Heritage Furnishings

"We used to use ICCF. Then we tightened up our library management control with CONDOR utilities and its audit trail capabilities."

Jerry Bumgarner
Bernhardt Furniture Company

"We were using Panvalet, but CONDOR's utilities gave us additional functionality in one package."

Diane Wojtylewski
DePaul University

System flexibility

Regardless of your system configuration, CONDOR easily migrates between mainframe operating systems to provide you with the utmost flexibility. Platform migration is transparent to the user. This minimizes programmer retraining if you change environments. CONDOR can be implemented under CICS® or function as a separate VTAM® application.

CONDOR supports any nonstandard terminal screen dimensions from 24 by 80 up to 63 by 255 and lets users edit records of varying lengths.

VSE

CONDOR operates under all current VSE operating systems, including VSE/ESA™ and MVT/VSE. CONDOR's system spooler facility provides a completely transparent interface to POWER and SPRI for submitting jobs from the on-line system.

MVS™

CONDOR operates under MVS/ESA™ and OS/390®, and seamlessly interfaces to both JES spoolers for submitting jobs from the on-line system. CONDOR takes full advantage of the multiprocessing capabilities of the MVS environment.

Complete library control

CONDOR provides its own library management system called CAMLIB™. CAMLIB allows you to:

- Access any of your source programs or procedures on-line while protecting them with the most advanced security system available.
- View libraries and members from any web browser through a TCP/IP connection.
- Use batch utilities to selectively backup and restore members, print a tape directory listing, apply batch updates, and create a cross-reference listing for both CAMLIB and IBM® libraries.
- Compare two members or two versions of the same member.
- Scan for character strings in multiple libraries.
- Keep the 16 most current versions of a member in the disk library and optionally freeze the original.
- Simultaneously read from or write to the same library from multiple systems or processors. Concurrent batch or on-line access to the same library means that batch maintenance procedures can occur with no interruption to productivity.
- Easily convert existing library structures such as CA-Librarian®, CA-Panvalet®, ICCF, and PDS to the CAMLIB format.

Increased system performance

CONDOR increases your system's performance by reducing I/O, conserving resources, and generally speeding up processing. The following system performance features are inherent in all CONDOR systems.

Effective memory management

CONDOR's method of memory management can reduce paging I/O by as much as 10 to 1. I/O reduction also decreases use of CPU resources, which results in improved system response time. In addition, CONDOR uses virtual storage above the 16 MB line and data spaces when available.

Data space exploitation

CONDOR uses data spaces to improve performance by:

- Caching its most frequently used datasets so they can be easily read without causing additional I/O to occur.
- Preserving program source data between transactions.
- Processing requests that require large amounts of main storage, e.g. sorting data.

Product reliability

In the event of a system crash, CONDOR's automatic restart/recovery and rescue capabilities return programmers to work on the same screen displayed at the point of interruption. The only data loss will be anything typed after the last time the Enter key was pressed.

Because CONDOR can run as a separate VTAM application, it can be isolated from CICS and protected from damage or destruction by CICS.

Resource efficiency

Unique data management and storage techniques combine with CONDOR's run-time efficiency to use a minimum of CPU resources.

CONDOR's ability to automatically reorganize its libraries and files and reuse deleted disk space add up to increased storage capacity.

Stringent security & accountability

CONDOR's exceptional security and accountability features allow you to:

- Assign each user a multitude of security levels—from limited up to full system access.
- Selectively prohibit user access to any major area of the system.
- Protect library members with passwords that are encrypted in memory and on disk to prevent unauthorized access.
- Temporarily deny access to a member while you update and test it in a secure environment before returning it to production status.
- Have users change their own logon password for added security.
- Review on-line audit trails and corresponding printed audit reports to identify every member modification by user, date, and time.
- Display an on-line audit trail of allocations and changes to main storage, direct access volumes, core image members, and VSAM files.

In addition to these built-in features, CONDOR seamlessly interfaces with most popular security packages including Basic Security Manager distributed with VSE.



language interface

Nearly all the functionality
of the REXX programming

language is available to CONDOR users.

Those already familiar with REXX can write REXX programs that run under CONDOR and avoid learning a new language. REXX programs running under CONDOR support all screen sizes that CONDOR supports, from 24 by 80 up to 63 by 255.

Optional enhancements

FLEX/LMS®

FLEX/LMS provides a more sophisticated and flexible library management environment. Here are some FLEX/LMS benefits.

- Stores multiple revisions as change decks to conserve disk space.
- Exploits ESA/390 compression services.
- Supports automatic secondary space allocation.
- Can be SMS managed (MVS only).
- Supports arbitrary record lengths.
- Stores text or binary data.

FTRAN™

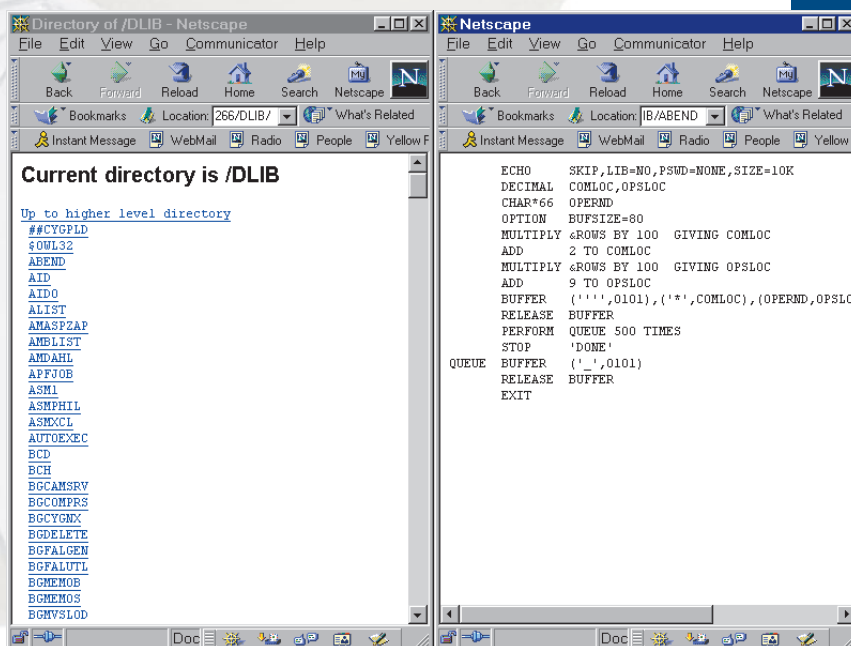
The FTRAN utility transfers files between mainframes and personal computers. FTRAN interfaces with most popular PC file transfer programs.

VSERV®

The VSERV dataset display/alter utility permits CONDOR users to view, modify, and scroll through all types of VSAM datasets.

CONDOR/FTP™ Server

With the CONDOR/FTP server, users can browse mainframe files from the PC or transfer files between the PC and the mainframe using a high-speed TCP/IP connection.



Browse through a list of library members and access a member via the CONDOR/FTP server.

Ongoing maintenance and support

As a major fundamental systems software development company, Phoenix Software International, Inc. (PSI) provides advanced software solutions to enterprises around the world. PSI continuously maintains and upgrades its software to give you the most up-to-date systems available. PSI provides worldwide support and has earned a reputation for responding to its customers.

Whether you need advice configuring your system or help answering a user's question, and regardless of your operating environment, you can reach PSI's technical support personnel by telephone 24 hours a day.



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Visit our web site at
www.phoenixsoftware.com
to download a CONDOR demo.

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