

# Inspired Solutions

Supplying high quality software and services for a wide  
variety of mainframe systems issues

Products List  
2005/06

# HORIZONT Products

For more in-depth information about the following products, [contact us](#) or visit [www.horizont-it.com](http://www.horizont-it.com) and follow the 'Products' link

## **XINFO - The IT Information System (also known as SmartIS)**

XINFO is the information system for batch production. It enables you to access and cross-reference all data from various IT systems like JCL, TWS, CA-7, CA-Scheduler, Control-M, ZEKE, SMF, RMM, CA-1, COBOL, PL/I and much more. 100 satisfied customers worldwide!

## **SmartJCL - The Easy Way to Faultless JCL**

SmartJCL is a new JCL checker. It offers an integrated scheduler interfaces, reformat functions, batch mode and much more.

## **DSN/Change - The Dataset Renaming System**

If you want to carry out file name migration under z/OS automatically, reliably and at low cost, DSN/Change is the right tool for your data center.

## **TWS/WebAdmin - The Web Interface to TWS for distributed**

TWS/WebAdmin provides a web browser based interface to Tivoli Workload Scheduler. The web browser provides an almost universally familiar interface and a self-explanatory navigation system.

## **TWS/Graph - Graphics, Documentation and Monitoring for TWS**

TWS/Graph displays your TWS data in a way you have never seen before: Jobstreams, applications, operations, schedules, jobs, dependencies, resources etc. as netplans.

## **TWS/Audit - The Change Control System For Your TWS for zOS**

TWS/Audit tracks and captures all changes made to TWS for zOS. That makes it easy to detect modifications, insertions and deletions.

## **TWS/BatchAD - The System for Convenient Mass Updates**

This useful interface to the definition databases of "TWS for zOS" performs mass changes, cloning and/or maintenance in batch mode. Productivity is increased by minimizing dialog usage.

## **TWS/BatchCP - Automation for the Current Plan**

TWS/BatchCP is an add-on to TWS for z/OS. It is designed to help you in the automation of your production planning and control. It modifies multiple occurrences, operations, special resources, and external and internal dependencies in batch mode.

## **WebViewer - Distribute Netplans and Barchart via the Web**

The WebViewer is a Java application that enables you to distribute net plans and bar charts over the Internet. It supports all graphics created by XINFO or TWS/Graph: Application and operation net plans, TWS and SMF bar charts, dataset flow charts and much more.

# MackKinney Products

For more in-depth information about the following products, [contact us](#) or visit [www.mackinney.com/products.asp](http://www.mackinney.com/products.asp)

## Autoinstall

Assign specific terminal ids and printer ids while still getting advantages of IBM's autoinstall facility. Current netname/termid relationships can be saved so you can convert to autoinstall without changing users' termids. Saves CICS memory and reduces CICS administration time.

## CEMT from Batch

Allows CICS CEMT SET commands to be submitted from batch job streams. OPEN and CLOSE CICS files, ENABLE or DISABLE transactions, and acquire resources. Continue CICS inquiries while a batch update runs, then change the file back to update mode in CICS when the batch job is done. START or STOP DLI on line processing, ALLOCATE and UNALLOCATE files. Interfaces with CICS/Message and CA/DatacomDB. Sets return code if command fails.

**Optional Add-on File Status Tracking Feature** - Stores status (opened/closed) of each file and resets file to that status when CICS is started. Saves all commands issued while CICS was down. Allows CICS to be started while batch jobs which use CICS files are still running.

## Cobol Glossary

Reads COBOL source libraries and produces system wide cross-reference lists for data names, file names, copybooks, CICS commands, DLI commands and more. Produces excellent documentation. Finds CICS programs which use illegal COBOL verbs. Included is a scan feature which allows the user to look for a specified character string.

## DP Manager

Keeps track of software inventory, hardware inventory, outstanding problems, changes, etc. to help manage the DP function. Includes a flexible report generator. Runs under CICS.

## Dump Detective for CICS

Dump Detective is a full-function CICS transaction dump analyzer. It is menu driven to provide ease of use and accepts fast path commands from more experienced users. Dump Detective captures your compile and link data into its own source repository. If you also use our CICS online debugger, Track, its source file may be used by Dump Detective, thus avoiding the need to recompile.

## Easy Help for CICS

Allow your CICS users to access screen- and field-level help information without modifying your programs. Help text can be authored and updated by users. With our \*NEW\* import facility, you may be able to save \$1,000s by importing your existing help product's text into Easy Help.

## eSendIT

eSendIT allows you to automatically distribute your CICS and batch report data via e-mail in PDF, RTF and plain text format. When used with a CICS/Fax PC server, data can also be sent via fax, ftp, or file transfer.

**Optional Add-on for eSendIT:** eSendIT Web Interface Feature

With the eSendIT Web Interface Feature, you can also use your mainframe as a repository and allow web browser access to your data. You can choose to send the data to your users/customers, or let them access it in PDF format directly from their browser. An easy and

affordable method for web access to your host data.

### **Fax**

CICS/Fax is software for your Windows-based PC to allow you to send faxes and e-mail and upload FTP files. When used with our eSendIT product, you can also implement automatic distribution of mainframe data. Or, you can code your own applications to automatically distribute the data, with the ability to check on the results using the integrated database.

### **File-Compare**

Compares two files showing records that were added, changed, or deleted. Handles VSAM or sequential files. Highlights the changed data. Useful for checking test results and investigating problems.

### **FileMarvel**

A full function ISPF tool for manipulating VSAM, sequential, and PDS datasets. Edit and browse formats include full screen, copycode, compressed copycode, and dump. Supports COBOL and PL/1 copybooks. Access copycode from a PDS member, CA-Librarian, or PANVALET. Three formats of printing including STD, copycode, and dump. Supports printing of VSAM and Non-VSAM datasets using multiple record selection criteria. Compatible with TOP-SECRET and ACF/2.

### **Forward Recovery System**

Reapply all updates processed by CICS to rebuild a lost or corrupted VSAM file. Flexible, easy to use. Prints audit trail of updates. Compatible with IAM®.

### **Global Search & Replace**

Searches program source and other 80-byte records for character strings and optionally replaces them with new characters. Supports wild cards and prints an audit trail. Allows for checking of data before reloading to apply changes. z/OS version scans PDS and sequential files. VSE version scans VSE sublibraries, ICCF libraries, and sequential files.

### **Hotprint**

Invoke screen print by pressing PA or PF key. User profile controls printer selection, headers, form feed before/after, etc. Optionally prompt user for printer-id..

### **ISPF/VSAM Utility**

ISPF based, menu driven utility which provides online access to the most regularly used VSAM functions: define, delete, inquire, copy, rename, edit, and browse. The edit and browse functions allow easy lookup or update of VSAM and Non-VSAM records. Files may be edited field by field (12 fields per screen) using a COBOL copy member or in full screen character and hex mode. Useful for creating and checking test files. Non-VSAM datasets including those with records larger than 255 bytes can also be edited. Compatible with IAM®.

### **JCLXREF**

A documentation generator which uses VSE JCL as input and produces up to 19 cross reference lists to aid in trouble shooting, conversions, maintenance, auditing, etc. It can read JCL from ICCF, CA Librarian, VSE Libraries, or any standard sequential file.

### **JES Report Broker**

JES Report Broker runs as a started task in z/OS. It can be configured with a variety of report selection criteria. When a report becomes available to JES with characteristics that match the configured criteria, JRB obtains the report and delivers it. There are a variety of delivery

options including FTP, E-Mail, Web interface and offloading to local datasets. Multiple reports may be delivered simultaneously to different locations.

### **JES Queue for Printers (JQP)**

JQP is a VTAM based application that will print any report from the JES2 output queue to printers defined to VTAM and TCP/IP. VTAM printer types supported are SNA, NON-SNA and SCS. JQP supports TCP/IP printers using the RFC 1179 Line Printer Daemon (LPD) protocol or if supported by the network printer adapter, direct socket connection. Reports in the JES2 output queue are automatically selected based on their DESTID and printed to the printer defined for that destination. Both machine code and ASA control characters are supported. FCB emulation is supported using the FCB images from the SYS1.IMAGELIB library. Supports halting and restarting reports and more.

### **JSF-Job and Syslog Facility**

Archives SYSLOG, JCL and/or SYSOUT. Scans for abends and condition codes. Saves paper, time, and space while improving quality and reliability. Uses ISPF panels. Easy to use. No more lost JCL or SYSLOG listings or manual checking for abends/errors. Archived data is compressed.

### **Kwik-Key/Kwik-Load**

Loads base cluster and builds multiple alternate indexes at the same time. Reduces CPU time, EXCPs, and elapsed time to reorg VSAM datasets and rebuild AIX.

### **Listcat Plus**

A replacement for the listcat function of IDCAMS. Listcat Plus prints two reports from the VSAM catalog: a Dataset Report and a Volume summary. Datasets requiring attention are flagged based on user specified criteria. Volume of printout is reduced 95% by using Listcat Plus instead of IDCAMS. The z/OS version also prints ICF VSAM and non-VSAM entries in a one-line per-dataset format and produces a summary file formatted for down-loading to a PC spreadsheet

### **Listcat Plus Adhoc Report Writer**

Optional Listcat Plus companion allows you to select the fields you want printed and specify selection criteria for files to include so you see only the files that need attention.

### **Log View**

Display CICS System logs (CSMT, etc.) on-line. Search for character strings. Exclude unwanted entries. Be notified when certain entries are logged. Archive and/or purge old entries.

### **Macro Level Interpreter**

Allows running macro-level code in CICS TS environments without any coding changes. Also supports command level applications using the restricted 'EXEC CICS ADDRESS CSA' command in CICS TS. MLI eliminates the costly need for maintaining multiple versions of CICS. Works with Assembler, COBOL or PL/

### **MainFormIT**

Replaces the paper forms your company uses in the every day activities of your business. Used just like paper forms, except you complete them on your computer, merge them with data created by applications running on the z/OS environment, then print them on your printer.

## MAPR II

Includes a screen painting facility, a prototyping facility, full length data names for COBOL DSECTS, grouplevel occurs for repeated rows, and a COPY facility which allows users to build a new map using an existing map as a base. Map images and data names are saved for future maintenance. All screen development is done interactively under CICS. BMS macros are created. Supports extended attributes and all screen sizes. The prototyping facility allows linking multiple screens together and branching from screen to screen based on which PF key was pressed. Also includes conversion facility for existing BMS maps as well as for SDFTM, BMS/GTTM, and MAPGENTM maps.

## Menu II

CICS/Menu II presents a consistent point of entry and prevents users from seeing a blank screen. Menus may be nested and an optional user exit allows pre-display customizing. INPUTMSG data can be passed to applications. Pre-check transaction security using an interface to MacKinney Systems' CICS/SignOn or customer's own user exit. Administration, simplified with group profiles, can be offloaded to group administrators.

## Message

Messages can be sent from an application program or a terminal. After reading the message, CLEAR refreshes the full screen and COMMAREA. Messages can be sent to 'ALL' CICS terminals or lists of terminals/ operators/users/netnames. Lists may be shared between CICS/Message and CICS/ Morning News. Messages may be added to CICS/Morning News so users who are not logged on will see the message later. "Reply" option allows (or requires) message recipient to easily send a reply to a message.

## Morning News

Displays one or more screens of news to each user when they log on or sign on to CICS. Each news item may be limited to certain users or lists of users by terminal-id, operator-id, user-id, or netname. News may be entered to display on a future date as a reminder. User lists may be shared between CICS/ Morning News and CICS/Message.

## On Line File Utility

Allows programmers to instantly view any record of any file defined to CICS. The record is displayed in character and hexadecimal and may be updated or deleted. New records may be added and files may be browsed forward or backward. A file can be scanned for a character string.

## OSXREFS

*Consists of four handy crossreference generators:*

- 1) Scans a PROCLIB and builds a cross reference showing all PROCs which contain a DD statement for each dataset name.
- 2) Scans a PDS and identifies members which contain specific character strings.
- 3) Lists all the programs in your link libraries and lists all the PROCs that execute each program.
- 4) Lists all PROCs and the programs they execute using any PROCLIB as input.

## Power Queue for Printers (PQP)

VTAM based application which will print any report from the VSE/POWER LST queue to network attached printers defined to VTAM. Printer types supported are SNA, NON-SNA and SCS. Reports in the VSE/ POWER LST queue are automatically selected based on their FROM and/or TO destination userid and printed to the printer defined for that destination.

## **Qeditor**

Easy to use editor which is invoked by your application program to allow users to edit data in a Temp Storage queue. When editing is complete, the queue is passed back to your program.

## **Qsort**

Sorts a Temp Storage Queue by up to 10 fields. Queue records may be up to 999 bytes, and you may sort queues of up to several thousand items without hurting response time for other transactions. You simply build the Temp Storage Queue, link to our Sort program, then read the sorted queue back into your program.

## **Response Time Monitor**

Tracks response time for each transaction. Display transactions based on response time, opid, termid, tranid, time of day. Automatic notification of exceptions. Flexible batch reporting for analysis or charge back. Reports quickly identify slow transactions. Reports can be sorted in any order.

## **RMode31**

A CICS product that allows CICS programs to automatically reside and execute above the 16 megabyte line. Also allows BMS maps to be loaded above the line. Reduces CPU overhead and provides virtual storage constraint relief.

## **Show and Tell II**

Show what is currently on another user's screen. Great for helping users without having to go to their office. Tell will echo your screen to other screens. Tell can be used for demonstrations and training sessions (local or remote).

## **SignOn**

A CICS security package providing security for CICS transactions, terminals, and users. It also provides complete signon/signoff functions for CICS users. CICS/SignOn provides seamless integration of CICS signon/ signoff into new releases of CICS in which internal security has been removed by IBM.

## **Simplist**

A productivity aid for mainframe TSO/ISPF users that provides a simple, centralized workbench instead of moving from one panel or vendor product to another. Multiple object types (e.g. datasets, DB2 tables, VSAM files etc.) can be stored in object lists and selected for a wide variety of functions (browse, edit, print etc.) by simple point-and-click selection. Based on the object type and function, Simplist automatically invokes the appropriate tool, vendor product, or built-in facility to handle the request. Surf the mainframe with Simplist.

## **Source Program Compare**

Compares two versions of a program and prints a listing showing all of the differences.

## **Spooler**

CICS terminal printer spooling system simplifies programming and improves throughput. Allows either batch or online programs to spool reports into the CICS/Spooler queue. The reports may be sent to a batch system printer, and may be viewed from a CRT before printing.

## **Spy**

View input and output screens in real time on another CICS terminal. View HTML pages sent

to another browser served out from CICS. Provides the ability to collect screens based on almost any criteria including the contents of the screen. Collect the screens for replay later. Collect screens generated by a specified transaction executed on any terminal. You control who can Spy and who can be spied upon... flexible security.

### **Swap**

A CICS transaction which allows up to eight CICS transactions to be active at the same terminal. With the touch of an installation defined PF or PA key, the terminal operator can swap from one transaction to the other.

### **Timeout**

Automatically signs off and/or logs off inactive terminals, including those running conversational tasks, after a specified period of inactivity. Length of inactivity specified by Termid or netname. Exclusion by userid, tranid or operid. Also, displays a list of terminals.

### **Track**

CICS interactive Debugger for COBOL, ALC, and PL1. Stop at any line, display/update fields, intercept abends, etc. Test faster, more thoroughly, with fewer compiles. Transaction Server ready.

### **VS/Cobol Interpreter**

Allows OS/VS Cobol programs to execute in z/OS CICS/TS 3.1 and above without making program changes or recompiling Eliminates the need to wait for costly program conversion or replacement solutions for OS/VS Cobol applications and provides an easy migration path to CICS/TS 3.1.

### **VTAM/Switch**

Allows users to switch from CICS to TSO, etc. without logging on and off. You may also have multiple sessions in the same VTAM application (ICCF, TSO, IMS, CICS, etc.).

*The following additional features are included:*

- 1) data compression,
- 2) message routing,
- 3) a broadcast facility,
- 4) screen printing,
- 5) spy and session stealing features to assist HELP desk personnel,
- 6) scripting (automated sign on procedure) 7) automatic logoff of inactive terminals.

### **VTAM Virtual Printer (VVP)**

VVP lets you route output created by your online applications to the system spool. It captures the 3270 based datastream sent to the VTAM printer from any VTAM application (CICS, IMS, etc.) and creates a report in the JES queue for z/OS or VSE/POWER queue for VSE. Each report created in the system spool by VVP is assigned a class and optional destination, user, and/or forms id.

### **Xray**

Interactive debugging for batch programs similar to Track. Debug your batch program from a CICS terminal. Transaction Server ready

# IT Gain Products

For more in-depth information about the following products, [contact us](#) or visit [www.itgain.de/en/index.html](http://www.itgain.de/en/index.html)

## Speedgain for DB2

Shows current status of your databases. It detects potential problems as they are developing. Provides concrete diagnostic tools for fault analysis offer options for improvement.

*SpeedGain functions include:*

- \* The recording of historical performance data
- \* An open SQL interface
- \* Integration of system monitoring (Tivoli)
- \* Automatic applications monitoring
- \* Analysis of database status information
- \* Retro-analysis of past events
- \* Adjustable threshold values
- \* Traffic light indicators for DB2 alerts
- \* Automatic SMS/email dispatch for alerts

## DB2 Gateway Monitor

This software will immediately pinpoint a problem that is occurring within your gateway connections, identify the component responsible, and provide an automated path for tuning. It will go even further with its threshold reporting that triggers an alarm when a critical situation is detected.

# Responsive Systems Products

For more in-depth information about the following products, [contact us](#) or visit [www.responsivesystems.com/products.htm](http://www.responsivesystems.com/products.htm)

## Dynamic SQL Cache Control - A White Paper

Buffer Pool Tool is the proven and accepted industry standard software for tuning DB2 for OS/390 buffer pools. As the only product that can predict the effect of sizing and threshold changes, or moving objects into different or totally new pools - it remains the only way to remove the guesswork from pool tuning and guarantee that tuning changes will provide performance gains. Attempting to tune without being able to predict is merely guessing about the outcome - and pool size increases don't always, or necessarily, provide a performance improvement. Since the most important performance metric is the I/O rate/second, Buffer Pool Tool predicts this, predicts the System Hit Ratio, and predicts the working set sizes of all objects at different pool sizes, and/or in different pools.

## Coupling Facility Sizing Module

Sizes the CF structures based on statistical data from your 'operating' DB2 system(s). This an included component of, and requires, the Buffer Pool Tool.

## Buffer Pool Optimizer™

Eliminates the Effort of Tuning your DB2 for OS/390 Buffer Pools

Buffer Pool Optimizer™ provides the complete configuration and sizes for your buffer pools, and properly group your objects into the required number of pools, to optimize your performance based on the amount of memory you can allocate for DB2 buffer Pools. It removes the analysis time and effort from your pool tuning activities, and allows you to focus on other areas that may provide additional performance benefits. The Buffer Pool Tool® is a pre-requisite for Buffer Pool Optimizer.

## DASD Performance Analyzer - DASD/Xpert for DB2

Provides device, dataset, and Cache performance analysis, graphic representations and relationships, tuning analysis & recommendations to improve your DB2 DASD performance.

## Buffer Pool Tool for IMS

The Buffer Pool Tool for IMS provides an in-depth statistical analysis of activity within each database pool and sub-pool, both at the pool level, and for every dataset assigned to a sub-pool. It works for both OSAM and VSAM buffers. In addition to an extensive and unique statistical analysis, it provides the ability to predict the performance effect of:

- \* Increasing or decreasing the number of buffers
- \* Moving a database to another pool or sub-pool
- \* Creating a new pool or sub-pool

# Relational Architects Products

For more in-depth information about the following products, [contact us](#) or visit [www.relarc.com/products](http://www.relarc.com/products)

## Smart/RESTART

Smart/RESTART makes it as easy as possible to make both new and existing applications restartable. Without complicated restart logic or cumbersome operational procedures. Often without changes to source code. Smart/RESTART guarantees that updates to DB2, WebMQ, IMS and other RRS compliant resources stay in synch with your program's sequential file and cursor position, working storage and random VSAM updates. This enables your applications to restart from near the point of failure after abends, recompiles, and even system IPLs -- with all resources in a consistent state. Smart/RESTART fully supports SMS compressed and extended format datasets and interoperates with DFSMS Advanced Copy Services like XRC, PPRC and FlashCopy. Smart/RESTART enhances your disaster recovery capability to provide a total batch recovery solution.

## Smart/RRSAF

Smart/RRSAF lets you run DB2 batch programs with regular JCL, so they look and behave like standard OS jobs. This ensures accurate SMF job accounting and accurate jobstep completion codes to prevent SNAFUs in DB2 batch production. Smart/RRSAF transparently supports both RRS and CAF. Applications can utilize either DB2 attachment without need for user code to manage an explicit DB2 connection. Smart/RRSAF enables your applications to update DB2, MQ, IMS and/or any other RRS compliant resources within a single unit of recovery and implements a variable COMMIT frequency. Moreover, you can migrate from TSO Attach to Smart/RRSAF without source changes. (Note: Smart/RRSAF is the successor product to Smart/CAF.)

## Smart/COMMIT

Smart/COMMIT is intended for batch applications originally developed to run in standalone mode without COMMIT logic. Smart/COMMIT lets you define the unit-of-work external to the program -- without the need to change source code or JCL or to recompile or relink the application. The logic which detects the completion of a unit-of-work is located within Smart/COMMIT rather than the application source code. Smart/COMMIT triggers a commit (whose scope includes all RRS compliant resources) when processing reaches a point of consistency you define -- so data integrity is preserved.

## The Smart Jobstream Series

The Smart Jobstream Series is an integrated set of products designed to keep your entire workload of production batch jobstreams running smoothly. These products are designed to simplify application development, maintenance and trouble shooting while improving the reliability, performance, manageability and throughput of your background jobstreams. Smart Jobstream components also reduce resource contention and prevent costly SNAFUs in batch.

## Smart/QMF Batch Facility

Smart/QMF Batch Facility: The cure for the batch QMF blues

QMF batch failures often go undetected. Since the jobstep appears to end normally, multi-step jobstreams don't work correctly, nor do production control systems such as OPC/ESA and CA-7. Meanwhile, no one realizes that critical QMF production jobs haven't run. The Smart/QMF Batch Facility (Smart/QBF) reflects SQL and QMF errors at the jobstep level -- so both people and software will know when a failure occurs. This ensures proper execution of downstream jobsteps and allows production control software to work correctly.

Later investigation can tell at a glance what went wrong because Smart/QBF writes its diagnostics directly to the JES listing or a message file you define. Existing QMF queries and procedures run without change because Smart/QBF operates transparently within QMF. Moreover, Smart/QBF makes it easier to develop and maintain QMF batch applications. For example, you can pass parameters to QMF procedures without ISPF file tailoring and specify error handling without a separate REXX exec or TSO CLIST. Instead, you can code everything instream with the JCL.

# For sales queries and more information...

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Or fill in this form:

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and send it to:

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**Salford,**

**M7 3PZ**

As soon as we receive it, we will contact you to answer your query or request.