

SOURCE DATA

THE DATAPOINT SYSTEMS NEWSLETTER

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A Portrait of Customer Service

A Datapoint customer call for service comes into the Customer Support Center. The call is answered and the service rendered but what goes on in between? Who are the people and what equipment supports them to successfully resolve a problem or answer a need? The following portrait should help you better understand the activity of the Customer Support Center.

Support for Customer Service

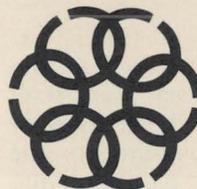
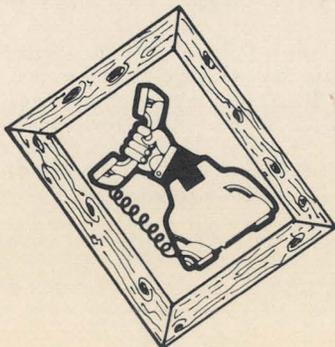
The Customer Support Center at corporate headquarters in San Antonio forms the hub of Datapoint's nationwide customer service network. The center is a complex organization of personnel and equipment designed to streamline the process of getting you the service you need. It operates 24 hours a day, 365 days a year.

The procedure to get service is this:

1. A call is made to the Customer Support Center.
2. The call is received by a coordinator who logs pertinent information.
3. A coordinator contacts the proper Customer Service Representative and relays necessary information so he or she can proceed to resolve the problem.
4. When the problem is resolved, your representative contacts the support center to allow personnel there to update site information.

Sounds straightforward doesn't it? And that's how we want it to be from your point of view. People and equipment really cooperate to keep it that way. Let's see who and what they are.

continued on page 7



ARC and BACKUP Utility Featured in Latest RMS

The latest two releases of Datapoint's Resource Management System™ were made available in June and July. RMS™ 1.4 features two major enhancements: ARC™ support for 8800s and the STARTUP utility (a feature that performs user-defined actions upon sign-on). Bug fixes in DATABUS®, DATASHARE®, COBOL, FMS, and NQDQ and extensive documentation updates are also included. RMS 1.5 offers a BACKUP utility (to backup any disk pack including 135MB) and DCTAPE utility for reading and/or writing industry-standard 9-track magnetic tape. Bug fixes in the NUCLEUS, CHAIN, CONFIG, FAR, INDEX, PACKGEN, REFORMAT and SORT and documentation updates are also part of RMS 1.5

For further information on these releases, contact your local Datapoint office.

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DATA PROCESSING

Handling Files the FMS Way

A new facility in RMS handles disk records. This facility delivers requested records to programs quickly and economically using FMS, the File Management System.

To see where FMS came from, we must first understand the job of a DOS file processor. Its basic function is that of a sector handler. That is, it keeps track of all of the disk sectors that it has recently used, and if one of them is again requested by an application processor, the processor sends from memory instead of rereading from disk. This speeds up the I/O process of ARC. The function works well for DOS and the basic concept has been expanded for RMS.

The RMS implementation, FMS, allows the system administrator to decide which files will be "managed." Put simply, managing is allocating processor memory to the disk file so that access will be faster than if the record had to be read from disk. So instead of managing sectors without regard to the logical file from which they came (as is done in DOS), RMS manages records from logical files that need managing.

ISAM and RANDOM Access Files easier to use

This process makes ISAM and random access files easier to work with, but it is not as helpful in managing sequential files. This is because a sequential file's traffic pattern is similar to a river's: to get to the end you must go all the way downstream. That means that your buffers flush out quickly and you get little benefit from the FMS management. ISAM and random files, however, have traffic patterns like that of a demolition derby: the records are attacked from all angles. In normal data processing, the chances of another read are good, so file management is desirable.

What is so great about FMS? First of all, if you request a record under FMS, a record is all you will get. Under DOS if you request a record from an ISAM file

in DATASHARE, DATASHARE takes care of the ISAM request. So the more DATASHAREs in a DOS ARC system, the more overhead. On the other hand, if you request a managed ISAM record in RMS, FMS will retrieve the record from the file and send the record to the requesting program. The overhead in DOS DATASHARE is eliminated.

The second factor in FMS is that once the buffer space is allocated in the file manager it is not duplicated in the application program. It takes less memory in the application program to handle managed files than to handle unmanaged files. So if you have many programs accessing the same file, try FMS. This will save memory space and time.

Three Components in FMS

- CONFGFMT- this program determines the size of the buffer space allocated to file management, the number of files to be managed by the specific file manager, and the number of simultaneous requests that can be handled by the file management task (FMT).
- MANAGE- this program is used to obtain detailed information on the files to be managed, such as the logical location on the system and the file type, ISAM or DIRECT (random).
- FMT- the FMT program actually manages the files. Using the output from CONFGFMT and MANAGE, it directs the information flow from disk to memory to the application programs and returns when necessary.

To find out more about FMS, see the FMS User's Guide, Document Number 50555.

SOURCE DATA is a bimonthly educational publication for customers of Datapoint.

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Dated Material: Techniques or facilities described in each issue are accurate as of the publication date; however, computing changes rapidly so please rely on up-to-date permanent documentation such as user's guides for details of software or equipment features.

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Using the Batch Job Facility

A problem plagues DOS users: processing batch jobs quickly from a central location. In a typical configuration, four DATASHARE processors share an ARC system with one file processor and two 3800s for word processing.

To save cabling costs, system managers often place the DATASHARE APs out in the organization, making them inaccessible after data entry personnel leave for the day. The 3800s are in the offices of the president and the personnel manager, so they are also not readily available. So what happens is that the systems operator either wastes time jumping from terminal to terminal trying to keep all batch work running, or another processor is purchased to be placed in the "computer center" along with the FP to run batch. What a waste of power!

Put All Resources to Use in the System

But there is a solution: the Batch Job Facility. As an integral part of RMS, the Resource Management System, BJB allows system administrators to use all of the resources in their systems. The processor is simply rebooted using an alternate configuration, and RMS "donates" all of the processor for use in processing batch work at night. Computer operators can submit batch jobs, and the BJB controller locates a donated task to run them.

During the day, system administrators can decide whether there is enough "horsepower" left in one of the DATASHARE processors, and if so, donate a task in that processor to run batch. In addition, BJB has a function that will take care of print spooling.

Seven Basic Components

The basic components of the BJB system are:

- * The Controller (BJF) - it knows where all of the resources are and allocates the various batch jobs and unspooling tasks to those resources.
- * SUBMIT - the program that helps the user place jobs to be run on the request stack. Remember that these jobs are really nothing but CHAIN requests!
- * SPOOL - the program for putting print files in the print queue.
- * EXECUTE - the tool that BJB uses to run the chains. The EXECUTE tasks reside in a processor and make that processor part of the BJB family.
- * UNSPOOL - the printer handler that allows BJB to supervise the operation of as many as four printers at once...and there may be many UNSPOOL tasks running in the same network.

- * CONSOLE - the supervisor of the BJB that allows the operator to watch the work getting done.
- * CONNECT - the way CHAIN files communicate with the BJB system.

BJF Controls Resources, Facilitates Communication

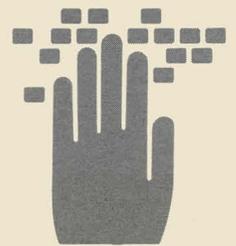
BJF is useful for many reasons. First of all, BJB has control over all of the resources that have been donated to the system. That means that UNSPOOL can supervise printers that are not attached to the processor where the UNSPOOL task is running. This also means that if you need to create a magnetic tape but do not have a tape drive on your processor, you can submit a job to be run on a processor that has a tape drive. Second, BJB keeps a detailed log of the jobs submitted and what happens to them.

Finally, BJB allows jobs to communicate among themselves. BJB has a facility, called an "event," that can send messages about the status of one job to another job. For example, a typical batch job may consist of four steps. Steps A, B and C must be complete before step D can be processed, but steps A, B and C are independent of each other.

A typical application would be three sorts followed by a merge/list program. But with BJB an event can be used so that all four steps are submitted simultaneously, with step D started only after steps A, B and C are completed. An event can even be instructed to flag the completion of the merge/list program so that the UNSPOOLer starts printing the list as quickly as possible.

This is just a brief overview of BJB. For more information on this facility, consult the BJF User's Guide, Document Number 50558.

IEOS/WP 1.3.2 Release

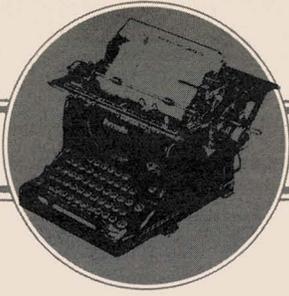


IEOS/WP 1.3.1 sometimes sent an error message to the user indicating that insufficient buffers were available in cache memory. The 1.3.2 release of IEOS/WP no longer sends this message. The error message that will appear is INVALID FALSE ASSERTION. This message should not be confused with its prior meaning, which indicated that two users were signing on under the same subdirectory under IEOS or that a power outage had occurred.

You need to reorder this software as soon as possible, to prevent any potential problems.

Two patches to the 1.3.2 software are available to you through your MSS/MSR and Systems Engineer. One of these corrects the operation of the RECOVER command, and the other gives you the option of discontinuing excess burst pages when using IEOS.

Contact your Datapoint Sales Representative to order the 1.3.2 release.



OFFICE APPLICATIONS

Getting to Know IEOS 1.3

SOURCE DATA issue 12 presented some of the major enhancements in IEOS 1.3 and issue 13 officially announced its release. In the notes below, we continue to help you make the transition from old to new software.

IEOS Command Options

Normally, you've waited until you got the DOS "ready" signal, then keyed in IEOS, then told the system which library to open for you. Now, you can consolidate the last two steps into one by following IEOS with the name of the library to open, like this: IEOS MYMEMOS.

You might also want to follow the IEOS command by the word ;NOCLICK, which will tell the system to suppress the audible key clicks during keyin at the master menu. You could even take this a step further by entering a command line like:

```
IEOS MYMEMOS;NOCLICK,MODIFY DOCUMENT MEMO1
```

which would allow you to enter IEOS, open the library MYMEMOS, specify the NOCLICK option, and open the document MEMO1 for modification, all at once!

Building New Libraries

When you need to generate new libraries (rather than opening an existing one), you now use the command BUILD. The system asks you some questions in that case.

Auto Document Naming: The system will ask if you want your documents named automatically for you with the date as part of the name. If you answer yes, you can use variables—(m)onth, (y)ear, (d)ay, or the (n)umber of the document—to name the document. For example, you might enter the code as mmddLSnn, which is the month and day, a two-letter code for your documents, and a sequence number assigned to each new document created. In this case, the first document might be 0706LS01. You may specify a different format up to a maximum of eight characters or you may choose to continue to name each document yourself as you create it.

SINGLE vs. MULTIPLE Libraries: Most of the libraries you work on will be designated by default to be SINGLE libraries. That means basically that the ending processing is faster. If you are using a library that many others are accessing, then the library should be designated as a MULTIPLE library. Users must still sign on under separate subdirectories when using MULTIPLE libraries.

CREATE, MODIFY and SCAN: Primary Format Display

The create, modify, and scan commands have some minor differences. One difference is that when you enter a document, the primary format appears automatically (i.e., you no longer have to invoke it by keying FORMAT).

If you change your mind about creating or modifying (after you have typed the command and pressed RETURN but before the cursor appears), you can hold down the KBD key (keep it depressed) and the operation will abort, returning you to command mode.

ABORTING COMMAND PAGE

Let's say you are modifying a document, are on page 5, and want to go to page 15. You'd use command PAGE 15. But what if you remember something to correct on page 10. Now you can depress the KBD key, the system will stop scrolling to page 15 and you can make your corrections on page 10 or whatever.

Overprint Capability

You can now specify that one character overstrike another character at print time; for example, using a slash for overprinting in legal applications, or using the underline character for continuous underlining.

The command is issued just like the boldface, or underline commands, except that you also indicate the overprint character on the command: OVERPRINT / or OVERPRINT —. By overprinting with the underline character, the system will underline spaces and special characters!

Format Document in Each Library

If you have a format that you want to apply to all the documents in a library, a format which differs from the default format, you establish that as the default primary format. To do that, create a document called FORMAT in the library, alter the format characteristics the way you want them, and END the document. From then on, all documents created will adopt the format of the FORMAT document. Note that this won't affect existing documents. (To convert a document to that new format, you can MODIFY DOCUMENT x LIKE FORMAT.)

Printing

Printing of documents has changed in several ways. You may indicate the number of copies to print. For example: PRINT DOC LETTER COPIES 3.

Local and remote are the words used to indicate an attached (local) printer or spooler (remote). For example: PRINT DOC LETTER ON REMOTE replaces the previous term SPOOLER. You still need the FORMS command for non-standard page lengths.

If a document contains a number of STOP commands that temporarily halt the local printer, you can override those stops for a given printing by specifying the **OVERRIDE** option on the **PRINT** command. **OVERRIDE** also disables the prompts to change print wheels on a **PITCH** change.

UTILITY MENU

When you key in **UTILITY** from the master menu, you get a smaller menu with some new commands. Briefly, these commands include:

CAT Example: **CAT LIKE /LIB** shows all your library names. **CAT LIKE CUT/WP** shows all your **CUT** file names.

FREE Example: **FREE ON SYSPACK** shows number of storage units available for use on the volume called **SYSPACK**.

LIBINFO Example: **LIBINFO LIBRARY CURRENT** shows the status information for the library **CURRENT**—how many users, how much room it occupies, whether you should pack up, etc.

MOUNT Example: **MOUNT VOLUME SALES NAME LINDA CODEWORD TRAINING** allows you to mount another volume, specifying another user.

DISMOUNT Example: **DISMOUNT VOLUME AD-**

MIN allows you to remove the volume from your accessibility.

RECOVER Example: **RECOVER DOCUMENT LETTER** makes the system correct the problem with the document that may have caused it to go into debug with error messages.

LIST Example: **LIST FILE COM/DEF** allows you to list a file on the screen to check its contents. **LIST** is most useful in displaying **IEOS/DOS** files.

DELETE Example: **DELETE LIBRARY OLDMEMO/LIB** allows you to erase an entire library and its contents in one step. **BE CAUTIOUS!**

KILL Example: **KILL CUT5/WP** allows you to kill any file name other than a **/LIB** or **/AIM**. **BE CAUTIOUS!**

To get back to the **IEOS** menu after you're through with the **UTILITY** facilities, just enter **IEOS**, and you'll return to it.

The new **IEOS Simplified User's Guide** (Document 50502) is available through Software Services, as are the **IEOS Supervisor's User's Guide** (Document 50547) and the **IEOS Quick Reference Card** (Document 60931).

The new **IEOS Installation Guides** are on disk. To get a copy of these guides, print a file named **IEOSTART/PRT**. On diskette systems, this file is located on the **Utility** diskette.

Review of Software Releases

The following list reviews the software products released during the past year. These are the items published in **SOURCE DATA** from October 1980 through July 1981. For more information on any product, refer to back issues of **SOURCE DATA** or contact your local office to see the full release information on the product.

| Product | Level | Description |
|----------------|---------|----------------------------------------|
| ISSUE 9 | October | /November 1980 |
| ACD | 2.3 | INFOSWITCH®/Automatic Call Distributor |
| ARC | 1.6 | Attached Resource Computer® system |
| ARCOPY | 1.3 | ARC/DOS file transfer utility |
| ARCSTAT | 3.1 | ARC station monitor |
| CHARFP2 | 2.1 | 9621/9622 character set generator |
| DPDMP | 4.2 | DATAPOLL® disk master program |
| DPDMP55 | 3.2 | DATAPOLL 5500 disk master program |
| DPDSP | 4.2 | DATAPOLL disk slave program |
| DPDSP55 | 3.2 | DATAPOLL 5500 disk slave program |
| DPLOG | 3.2 | DATAPOLL tape master program |

| | | |
|-----------------|----------|-----------------------------------------------|
| DPSDMP55 | 3.2 | DATAPOLL 5500 disk master program |
| DPSDSP55 | 3.2 | DATAPOLL 5500 disk slave program |
| DPSMTM | 4.2 | DATAPOLL tape master program |
| DPS15M | 3.5 | DATAPOLL 1500 disk master program |
| EDITOR | 1.2 | DOS editor |
| FASTSORT | 3.2 | Sort program |
| LOAD15 | 1.1 | 9320/1500 file transfer utility |
| LOAD18 | 1.1 | 9320/1800 file transfer utility |
| MLDSDS | 1.3 | MULTILINK™ line handler for DATASHARE |
| ML15TC35 | 1.3 | MULTILINK line handler for Burroughs TC... |
| ML15TTY | 1.2 | MULTILINK line handler for USACII teletype |
| MTEGRTS | 1.3 | Terminal emulator for HONEYWELL G-115 |
| MTEHASP | 1.3 | Terminal emulator for IBM HASP |
| MTEIBM | 1.3 | Terminal emulator for IBM 2780/3780/2770/3770 |
| MTE55 | 1.3 | Multi-terminal emulator |
| PS | 2.4 | 5500 DOS partition supervisor |
| RIMCOMM | 1.1 | RIM diagnostic |
| ISSUE 10 | December | 1980/January 1981 |
| ACAL3270 | 1.1 | ACALL for 3270 emulation |
| AC3271B | 1.3 | ARC communications and 3271 emulation |
| AP3270 | 1.1 | Emulator for IBM 3277 or 3278 |
| CHAINPLS | 3.1 | CHAIN |
| CMS | 2.1 | Communication Management |

| | | | |
|-----------------|-----------------------------------------------|-----------------|-----------------------------------------------|
| DBCMPPLUS 3.1 | DATABUS with AIM™ | DPS15S 4.1 | DATAPOLL 1500 disk spooling program |
| DF15SYS 2.2 | 1500 personalized data entry system | FCOPY15 1.1 | File transfer utility for diskettes on 1500 |
| DOS.C 2.4.2 | DOS for 1130, 1150, 1170 | FORT55 1.1 | FORTRAN compiler for 5500 |
| DOS.D 2.6.1 | DOS for 1800, 5500, 6600 | MLTC3500 3.2 | MULTILINK line handler for Burroughs |
| DOS.E 2.6 | DOS for 5500, 6600, and 935x/936x disk drives | MLVIP 2.1 | MULTILINK line handler for Honeywell VIP |
| DOS.G 2.6 | DOS for 1800 and double-density diskettes | ML15TTY 1.3 | MULTILINK line handler Teletype |
| DOS.H 2.5.2 | DOS for 1500 | MTERUP 1.3 | Remote user program for multiterm emulator |
| DSSLAVE 1.1 | DATASHARE remote station interpreter | RMS 1.2 | Resource Management System |
| DS5 3.3 | DATASHARE V | RPGSYS 1.1 | RPGPLUS |
| DS6 1.1 | DATASHARE VI | RUP15 1.1 | Remote user program emulator for 1500 |
| FORTTRAN 1.1 | FORTTRAN for 1500 | UNITRM15 1.5 | 1500 universal terminal emulator |
| MD278015 2.1 | Emulator for IBM 3780 on 1500 | S1800 3.1 | 1800 software system |
| ML15VIP 1.1 | MULTILINK line handler for Honeywell VIP 7700 | TEST1800 1.4 | 1800/3800 diagnostic |
| SCIEOS | SCRIBE to IEOS Conversion Utility | TST1800 1.4 | 1800/3800 diagnostic |
| SHARE 4.1 | INFOSWITCH/SHARE™/LDCS™ | ISSUE 13 | June/July 1981 |
| UNITRM18 2.1 | 1800/3800 teletype emulator | CHIOUR 2.2 | Channel adaptor utility |
| UNSPPOOL 1.2 | Print unspooler | DCONV18 1.3 | 1800 copy utility |
| UPS 2.1 | Utility partition supervisor | DCDFMT 2.1 | 1800 IBM diskette conversion |
| TSTUBE55 1.2 | DATASHARE Datastation diagnostic | DCIOV1 2.2 | ARC direct channel interface |
| ISSUE 11 | February/March 1981 | DPDMP55 4.1 | 5500 DATAPOLL asynchronous disk master |
| ACD 2.3.2 | INFOSWITCH/Automatic Call Distributor | DPDSP55 4.1 | 5500 DATAPOLL asynchronous disk slave |
| AC3271B 1.3 | ARC communications and emulation | DPSDMP55 4.1 | 5500 DATAPOLL disk master program |
| ARC 1.6 | Attached Resource Computer | DPSDSP55 4.1 | 5500 DATAPOLL disk slave program |
| ARCSTAT 3.2 | ARC system statistics monitor | DS6 1.1.1 | DATASHARE IV maintenance release |
| ARCSYS 1.1 | ARC system | FIXREL 2.1 | Relocatable code library utility |
| COBOL 3.3 | ANS COBOL compiler | IEOS 1.3 | Integrated Electronic Office™ Word Processing |
| CHAREDIT 1.1 | Editor for CHARSET/SYS and KEYXLATE/SYS | LINK15 1.2 | 1500 link editor |
| DPSLOG55 3.1 | DATAPOLL 5500 tape master | LOAD18 2.1 | Data transfer utility 9320/1800 |
| DSSYS 1.1 | DATASHARE system | MDS378015 3.1 | 3780 emulation |
| DS3270 1.1 | IBM 3270 emulation | MINIACD | INFOSWITCH/Mini-ACD |
| IEOS/MS 1.2.2 | Message Services for 3800/1800 | MLDC1000 2.1 | MULTILINK line handler for Burroughs |
| LIBRARY 2.1 | DOS text library maintenance utility | ML15VIP 1.2 | MULTILINK line handler for Honeywell |
| MLRUP 1.1 | MULTILINK remote user processor | ML3780 3.1 | MULTILINK line handler for IBM 3780 |
| RMS 1.1 | Resource Management System | REMDOS 1.2 | REMDOS |
| S1800 3.1 | 1800 software system | RMS 1.3 | Resource Management System |
| ISSUE 12 | April/May 1981 | SHARE 4.2,5.1 | INFOSWITCH/SHARE |
| DBCMP15 2.4 | 1500 DATABUS compiler | COMM1800 1.3 | 1800 communications diagnostic |
| DBML15 1.3 | DATABUS interpreter for 1500 | DISK1415 1.1 | 1400 diagnostic for 1500 |
| DB15 2.4 | DATABUS standalone interpreter for 1500 | DISK1418 1.1 | 1400 diagnostic for 1800 |
| DCDFMT15 1.4 | 1500 copy file utility | MEMTST15 1.1 | 1500 memory diagnostic |
| DOS.H 2.6 | 1500 Disk operating system | SER15 1.2 | Serial printer diagnostic for 1500 |
| DPS15M 4.1 | DATAPOLL 1500 disk master | | |

Portrait continued from pg. 1

Personnel

The people who take your calls are Support Center Coordinators. Each person has been trained in three crucial areas: skills in working with the Support Center equipment, familiarity with the full spectrum of Datapoint products, and concentration on customer relations. They get classroom training and hands-on practice, and their training is often updated as new products are introduced or support center equipment enhanced.



Equipment

Calls are handled electronically by a Datapoint INFOSWITCH/ACD (Automatic Call Distributor). In addition to routing a call to the first available coordinator, the ACD provides efficient call holding or message functions and monitors call activity. The monitoring and reporting of calls provided by the ACD helps the Support Center determine changes or adjustments necessary to keep service to the customers efficient and fast.



A DATASHARE system operating in an ARC configuration is used for site information and service call records. When a call comes in, the coordinator keys in the site number and invokes a display of information such as equipment installed, maintenance agreements, and representative assigned. The coordinator then logs in a description of the call and updates information if necessary. If the incoming call is from a representative, the coordinator can update records about his or her present status, location, or resolution of a problem, or pass on or log messages for the rep. The system can also be used to scan outstanding service calls by region so a dispatch coordinator can contact appropriate service representatives. The system can display service call history for a given site, or display the current status of a customer service representative.

Changes

Changes at the Customer Support Center continue to enhance its ability to provide service. Recently moved into new quarters, the center has room for personnel expansion, better equipment, and more sophisticated training. Upcoming changes to the system will provide automatic dialing of the appropriate customer service representative and improved reporting of individual customer site history.

Next time you need to call, you will have a better picture of the support organization on the other end of the line.

Customer Support Center Numbers

Toll free, call 800-531-5770

800-531-5642 in Alaska and Hawaii

800-292-5100 in Texas

**IEOS/WP
Release
For**

1500/1550



Good news! IEOS/WP 1.3 is being released for use on your small system!

You will need the following model codes to order this new release:

Model Code

9822

Media Type

20793 - (1) DSDD diskette

20697 - (5) SSSD diskettes

The installation guide is available on the diskettes; it is called IEOSTART/PRT. This gives you all the necessary information to set up your new software.

Contact your Datapoint Representative to order this release.

Learning About Software Releases

Illustrated below and on the next page is a Software Release Form. These forms are issued for every new release of a software product. They are sent to Datapoint branch offices in the **Software Operations Newsletter** they receive periodically. **SOURCE DATA** publishes a table of condensed information from releases. If you would like to see more detailed information on a particular product, contact your branch office to see the Release Form for that product. If they don't have it in hand at the moment, they can request a copy from Software Support in San Antonio for you.

DATAPOINT COMPUTER SYSTEMS DIVISION
MAINTENANCE RELEASE FORM

NOTE: LICENSE REQUIRED

The software item documented on this form is the property of Datapoint Corporation and may be used or transferred only pursuant to the terms of a license agreement between Datapoint and the user.

SYMBOL/VER.REV: DBCMPLUS 3.1.1

DESCRIPTION: DATABUS Compiler

PURPOSE: A - Adds new features (Enhancements)

RELEASE MEDIA: Cassette, Diskette, & Double Density Diskette

TOTAL SECTOR SIZE: 672 SECTORS

SOFTWARE CANCELLED BY THIS RELEASE: DBCMPLUS 3.1

EXECUTION SUPPORT:

Software: DOS.C 2.4.2
DOS.E/G 2.6
DOS.D 2.6.1

Hardware: 1170/5000/5500/6000/6600/1800/3800

Processor: 28K

Size: 935X/936X/937X/938X/939X

Disk: Local/Servo

Printer: 5500/6600 Partition Supervisor Compatible:
PS Yes-Variable Partition (28K)
PS66 Yes-Either Partition

NOTE: 3800 execution requires DOS.D 2.6.1 and ARC 1.6

| RELEASE ITEMS: | MODEL CODE | RELEASE |
|----------------|------------|---------------------------|
| User's Guide: | 50321 | Previously Released |
| Program Media: | 20458 | 2 DMF Cassettes |
| Program Media: | 20459 | 1 Diskette |
| Program Media: | 40429 | 1 Double Density Diskette |

DETAILED DESCRIPTION:

DBCMPPLUS is a very fast DATABUS compiler. It will run on any Datapoint processor with the 5500 instruction set and at least 28K of user memory. DBCMPPLUS is upward compatible with DBCMP version 2.1.

REVISIONS:

1) A new command line option, Q, allows print file queueing. When the Q option is given, print file output is implied and the P option need not also be given. If the print file specified does not exist,

it is created and the Q option behaves exactly like the P option. If the print file exists, print output is appended to the end of the print file.

- 2) The command line syntax for the input file has been enhanced to allow explicit specification of a member in a library as the input file. The command line format is:
`DBCMPPLUS [<file>][<member>][,<output>][,<print>]
[,<system databus library>][;<options>]`

All other aspects of library handling remain unchanged from DBCMPPLUS 3.1. Also note that this command line format is completely compatible with older command line formats. All currently used DBCMPPLUS command lines used in chain files, for example, will still operate properly exactly as in DBCMPPLUS 3.1.

Examples:

`DBCMPPLUS FILE`

will cause the compiler to first search for FILE/TXT freestanding and then to search in the library DBCMPPLUS/LIB for member FILE if the library exists.

`DBCMPPLUS PAYROLL.PROGRAM,,,DB/LIB`

The compiler will look for member PROGRAM in PAYROLL/LIB on any drive. The compiler will not look for a freestanding file PROGRAM/TXT nor will it look in the <system databus library>, DB/LIB, for member PROGRAM.

`DBCMPPLUS .FILE1`

The compiler will look in the <system databus library>, DBCMPPLUS/LIB for member FILE1. The compiler will not look for FILE1/TXT as a freestanding file.

- 3) A help screen has been added. When no input file is specified, the compiler displays a help screen and returns to DOS.
- 4) The object code generated by the AFILE data declaration and some of the instructions using an AFILE has changed. The syntax, however, remains unchanged. These changes in AIM are in conjunction with DS6 1.1.1 and AIMDEX 2.6.2. Users using AIM should recompile all programs using AIM with DBCMPPLUS 3.1.1 and upgrade to DS6 1.1.1 and AIMDEX 2.6.2. No source changes are necessary, just recompile.

PROGRAM FILES RELEASED:

- DBCMPPLUS/CMD Databus Compiler
- DBCMPPLUS/RFM Program release form print file
- ANSWER/TXT Sample DATASHARE program (See User's Guide Appendix C)
- MASTER/TXT Sample DATASHARE program (See User's Guide Appendix C)
- MASMENU/TXT Sample DATASHARE program (See User's Guide Appendix C)
- MENU1/TXT Sample DATASHARE program (See User's Guide Appendix C)
- MAKEANMA/CHN Sample DATASHARE program (See User's Guide Appendix C)
- LOGMAKE/CHN Sample DATASHARE program (See User's Guide Appendix C)
- COMMON/TXT Sample DATASHARE program (See User's Guide Appendix C)
- LOGDATA/TXT Sample DATASHARE program (See User's Guide Appendix C)
- LOGIO/TXT Sample DATASHARE program (See User's Guide Appendix C)
- NEWUSER/TXT Sample DATASHARE program (See User's Guide Appendix C)
- MAKEMENU/TXT Sample DATASHARE program (See User's Guide Appendix C)

RELEASED BY:

CERTIFIED BY:

APPROVED BY:

DATE:

DATE:

DATE:

Software Releases

| Name/Date | Description | Purpose | Model | Media* |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|---------------------------------------------------------------------------|
| DBCPLUS 3.1.1 Released 9 Jun 81 | DATABUS compiler to run on any processor with 5500 instruction set and at least 28K user memory. | Adds new features Cancels DBCPLUS 3.1 | 20458 20459 40429 50321 | 2 DMF Cassettes 1 Diskette 1 DDD User's Guide |
| DCIOV1 2.3 Released 1 Jul 81 | ARC Direct Channel Interface Option allows of an IBM 360/370 as an applications processor or resource. | Corrects problems Cancels DCIOV1 2.2 | 9806 50379 | 1 DMF Cassette User's Guide |
| DOS.G 2.6.2 DOS.D 2.6.2 DOS.E 2.6.2 Released 9 June 81 | AIMDEX for DOS. | Corrects problems | 40460 20813 40462 20814 | 1 DDD 1 Cassette 1 DDD 1 Cassette |
| LOAD15 2.1 Released 23 June 81 | Utility to transfer files between 9310/9320 disk and 1500/1550 diskettes. | Adds new features Cancels LOAD15 1.1 | 20726 20793 20697 50498 | Software 1 Double-sided DDD 1 Single-sided Diskette User's Guide |
| ML15TC35 1.4 Released 19 June 81 | DBML15 line handler for Burroughs' TC500/TD800/TC3500 (standard poll/select) protocol. | Corrects problems ML15TC35 1.3 | 20634 20793 50461 | Software 1 Double-sided DDD User's Guide |

*Media charge - \$15.00 for one cassette, diskette, or double density diskette
\$125 for 2.5 MB disk, \$180 for 10MB disk, \$385 for 25MB disk, \$505 for 60MB disk

Keyword Index for SOURCE DATA Articles

This index will help you find information on subjects that interest you. Since the field of computing changes rapidly, information contained in one issue may have changed. Reference documentation such as User's Guides for current, accurate information.

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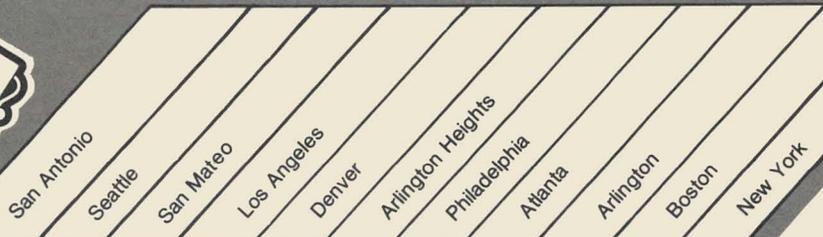
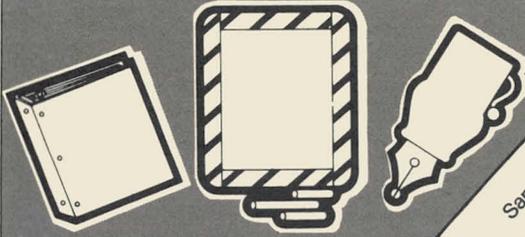
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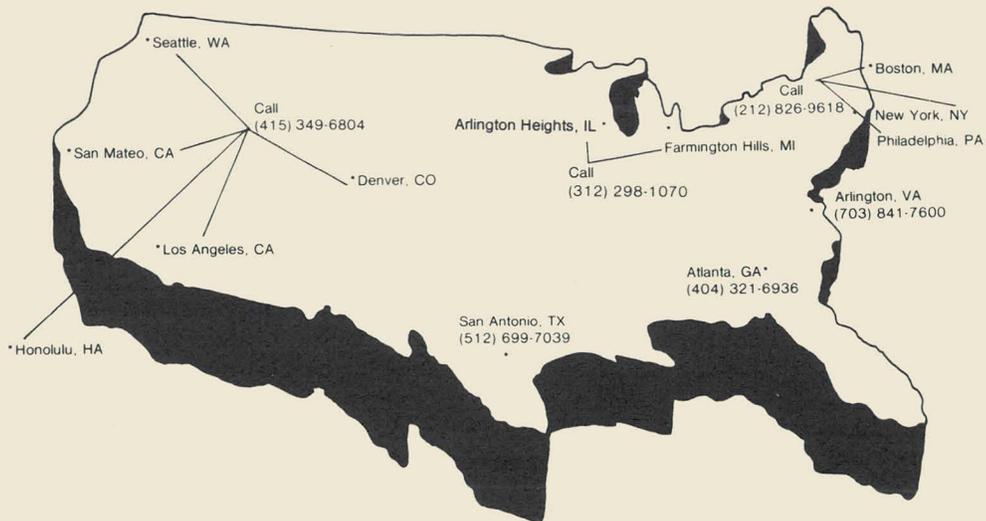
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Customer Education Reminder for October

Below is the schedule for Customer Education during the next month. The Customer Education Course Catalog, Document No. 60269, contains course descriptions, prerequisites, education center information and cost. Copies are available at your local Datapoint office. Enrollment for courses is handled by the regional education centers as indicated on the accompanying map. General questions about courses may be directed to the San Antonio Education Center.



| Course | Location | | | | | | | | | |
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| | Starting Dates | | | | | | | | | |
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| Disk Concepts and Operations | 10/12 10/26 | | | | | 10/19 | | | 10/12 | 10/12 |
| Disk Operating System | 10/26 | | | | | | | | | |
| Resource Management System (RMS) | 10/12 | | | | | 10/26 | | | 10/5 | |
| DATASHARE | 10/5 10/12 10/19 | 10/12 | 10/26 | | | 10/26 | 10/19 | 10/5 | 10/26 | 10/5 10/26 |
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| Attached Resource Computer (ARC) | 10/19 | | | | | | | | | |
| Word Processing Concepts and Operation | 10/12 10/19 10/26 | | 10/19 | | | | | | 10/19 | 10/5 |
| Electronic Message System (EMS) | 10/5 | | | | | 10/5 | | | | |
| Basic LDCS | 10/26 | | | | | | | | | 10/19 |
| Automatic Call Distributor (ACD) | 10/19 | | | | | | | | | |



OOPS - Corrections for Issue 13

The Word Processing Hot Line is 800-531-7173, (not 7131 as reported in the "Support for IEOS" article in issue 13). The Installation Guide for IEOS will be found on the Utility diskette in a file named IEOSTART/PRT (not IEOSSTART/PRT as reported in issue 13).

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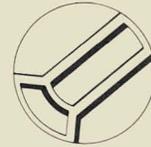
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Disk Pack Cases from Supplies



Two new supplies are available from Datapoint:

| | | |
|-------|--------------------------|-------|
| 80538 | Disk pack carrying case | \$79 |
| 80539 | Disk pack shipping case* | \$179 |

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You may contact Datapoint's Customer Support Center directly to order these and other supplies.

800-531-5770

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*This shipping case is especially recommended for RMS maintenance pack shipment.

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