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*Data General  
Open Systems  
Support Newsletter*

**Data General Corporation  
1626 Jeurgens Court  
Norcross, Georgia 30093**

**August 1995**

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## Letter From The Editor...

August 1, 1995

I would like to take a minute to introduce myself. My name is Gail Cave, and I have been with Data General for more than 17 years holding various positions within the support departments of DG. The most recent, and current, position is Strategic Accounts Coordinator for some of our OMNiSERVICE and PASS customers. Along with those duties, I am also responsible now for the publishing of this Support Newsletter. I hope you will bear with me as I attempt to give you the quality Newsletter that you should expect of us. If you have any questions or comments regarding this Newsletter, please either fill out and mail the Comments Form found at the end of this Newsletter, or call me at 800 344-3577. Thank you.

Gail Cave



Newsletter Editor



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***SECTION 1:***  
***Open Systems STRs***





## AV Office Mail for AViiON - Americas Model: A320A

STR: NASC-18487 AV Office Mail for AViiON - Americas

Module: N/A

ORIG-ID: E426519

Rev: 1.00

### Problem Summary:

Error codes 200 and 10001 are being logged in /uclock. These errors are associated with "processing outgoing mail" and "cleaning trashcan" for various users. We would like to know the meaning of these errors.

### Answer Summary:

It is likely these errors are being generated due to a known file descriptor problem. To workaroud these problems you will need to install a pre-empting script for umd\_unix and umd\_clean as documented in UNOTE.103. A copy of UNOTE.103 is attached.

---

STR: NASC-18937 AV Office Mail for AViiON - Americas

Module: N/A

ORIG-ID: U448168

Rev: 1.00

### Problem Summary:

A message sent from an AV Office Mail system where WordPerfect is the editor to a remote system with only unix mail is losing the first line of message text.

### Answer Summary:

This problem is due to the manner in which AV Office Mail/Uniplex encodes its mail messages. Please see the attached file for a further explanation and possible workarounds.

---

## Advanced Pick for AViiON Model: D058A

STR: NASC-19758 Advanced Pick for AViiON

Module: N/A

ORIG-ID: U506557

Rev: 6.00

### Problem Summary:

A file-restore did not restore several q-pointers which caused a lot of problems for users trying to login. Need the file-save analyzed to see if it can be determined why these q-pointers were not restored.

### Answer Summary:

The root cause for the lost q-pointers or the loss of the user-coldstart macro cannot be found by analyzing the file-save tape.

---

## C2 Trusted DG/UX Model: Q011A

STR: NASC-21227 C2 Trusted DG/UX  
ORIG-ID: U651521

Module: SYSADM  
Rev: 3.10

### Problem Summary:

After upgrading two systems to DG/UX 3.10T, one of the systems fails to run sysadm.

### Answer Summary:

Investigation has shown that the improper installation of the X11 package is the cause of xsysadm running incorrectly. Reloading the X11 package on a clean virtual disk has alleviated the problem.

---

## CA-UNICENTER for AViiON Systems Model: A447A

STR: NASC-21713 CA-UNICENTER for AViiON Systems  
ORIG-ID: M033103

Module: N/A  
Rev: 1.00

### Problem Summary:

The system node name "adm5" has panicked twice in last 3 months with a 105000006 panic. On 3/10 it was an "tbtape" process, on 6/1 it was "dump2". 105000006 = NK\_PANIC\_AOD\_NOT\_ZERO\_DURING\_KERNEL\_EXIT.

### Answer Summary:

The panics were determined to be caused by running a deficient CA-Unicenter ENF library. The fix for the problem is the latest libenf.a file for DG/UX 5.4R3.10 (ENF VERSION 1.0.1 for DG/UX 5.4R3.10). An upgrade of their operating system to DG/UX 5.4R3.10 + MU02 was also done.

---

## DG/UX Base System for AViiON Model: Q501A

STR: NASC-21581 DG/UX Base System for AViiON  
ORIG-ID: U687623

Module: N/A  
Rev: 3.00

### Problem Summary:

Unable to get rid of duplicate virtual disk images.

### Answer Summary:

The problem you report has been fixed by the explanation of the use of admvdisk. The sequence of events should be a "admvdisk -o list -LRa" to get the long names, admvdisk -o remove using the long names, deregister the physical disk, and reboot the machine.

---

STR: GER-15333 DG/UX Base System for AViiON  
ORIG-ID: CSG PU-FL 05.

Module: N/A  
Rev: 3.10

**Problem Summary:**

NFS Mount to AViiON with user ID smaller than 100.

**Answer Summary:**

By default a mount will not succeed if the user's UID or GID is less than 101. To get around this, create the file "/etc/pcnfsd.conf", and use the enclosed information.

---

STR: INTL-1173 DG/UX Base System for AViiON  
ORIG-ID: DENMARK-95606

Module: N/A  
Rev: 3.10

**Problem Summary:**

Occasionally (approx. twice per month) we experience problems with forms for printers. Suddenly it will not accept any forms printing a print job. Restarting scheduler cures problem.

**Answer Summary:**

We were unable to reproduce the problem you reported based upon the materials provided. Please submit a new STR with the complete materials needed for a printer problem.

---

STR: NASC-21071 DG/UX Base System for AViiON  
ORIG-ID: BLM SHMEM

Module: N/A  
Rev: 3.10

**Problem Summary:**

If two processes attach to a shared memory segment, the receiver does not get what the transmitter wrote to that area.

**Answer Summary:**

Per our discussion, we have agreed to close this STR. If the problem recurs please submit a new STR with the appropriate materials and reference this STR number.

---

STR: NASC-21523 DG/UX Base System for AViiON  
ORIG-ID: U687486

Module: N/A  
Rev: 3.10

**Problem Summary:**

After upgrading DG/UX from 5.4R2.01 to 5.4R3.10, ESRI ArcInfo release 7.0.2 is using 3 times as much swap as it did under R2.01.

**Answer Summary:**

Per our conversation, you have received an updated release of ArcInfo that was compiled for use in the DG/UX 5.4R3.10 environment. The performance of the updated product is comparable to the 5.4R2.x version you were accustomed to and have agreed to update your software base accordingly.

---

STR: NASC-21585 DG/UX Base System for AViiON  
ORIG-ID: U694471

Module: N/A  
Rev: 3.10

**Problem Summary:**

DGUX 3.10 /bin/ksh return function does not work properly.

**Answer Summary:**

This problem is corrected in the ksh module that will ship with DG/UX revision 4.10.

---

STR: NASC-21654 DG/UX Base System for AViiON  
ORIG-ID: U695756

Module: N/A  
Rev: 3.10

**Problem Summary:**

While using sysadm restore to recover data from backups created with sysadm, we get positioned to the wrong filesystem causing our restore to not be correct.

**Answer Summary:**

The problem you reported is fixed in the version of restore that will ship with DG/UX revision 4.10.

---

STR: NASC-21827 DG/UX Base System for AViiON  
ORIG-ID: U723189

Module: N/A  
Rev: 3.10

**Problem Summary:**

We have found a ksh bug with the 'read' command.

**Answer Summary:**

This problem is corrected in the ksh module that will ship with DG/UX revision 4.10.

---

STR: NASC-21835 DG/UX Base System for AViiON  
ORIG-ID: E446565

Module: N/A  
Rev: 3.10

**Problem Summary:**

The lp.termprinter program does not terminate when the endpoint refuses the connection.

**Answer Summary:**

The problem you reported is fixed in the lp.termprinter(1M) that will ship with DG/UX Release 4.10. The lp.termprinter(1M) program was changed to retry the refused connection up to 10 times at 30 second intervals.

---

STR: NASC-21911 DG/UX Base System for AViiON  
ORIG-ID: F-U735370

Module: N/A  
Rev: 3.10

**Problem Summary:**

System hang. We had users running PI/Open hang. Only users accessing the "data5" filesystem were hanging. This hang occurred once before, and we suffered data corruption on the data5 filesystem.

**Answer Summary:**

This hang was caused by DG/UX incorrectly handling queue full conditions from the Clarion disk subsystem. This problem has been corrected by patch 54 to 3.10 DG/UX.

---

STR: NASC-21200 DG/UX Base System for AViiON  
ORIG-ID: U654990

Module: ADMFILESYSTEM  
Rev: 3.00

**Problem Summary:**

Unable to expand the /usr filesystem, no space is available on the same physical disk.

**Answer Summary:**

This problem has been corrected in commands which will ship with DG/UX R4.10. In sysadm(1M) you will be warned that expanding the /usr filesystem to a second physical disk will make it unbootable. However, you will be able to expand it, either on the same physical disk or on another, if you so desire.

---

STR: NASC-21209 DG/UX Base System for AViiON  
ORIG-ID: U627770

Module: ADMIOPATH  
Rev: 3.10

**Problem Summary:**

The admioopath command does not keep track of the active SP after the disk has been switched from one sp to the other.

**Answer Summary:**

This problem is corrected in libraries shipped as part of Maintenance Update 2 to DG/UX 5.4R3.10.

---

STR: NASC-21006 DG/UX Base System for AViiON  
ORIG-ID: U631386

Module: CHK.DEVLINK  
Rev: 3.10

**Problem Summary:**

Reconfiguring the short names of our tape drives in /etc/devlinktab results in bad links being created in /dev/rmt making the tape drives unusable.

**Answer Summary:**

If you wish to modify the links created in /dev/rmt, you must first remove the short names, i.e. the symbolic links, before running the command which recreates them. We are only able to reproduce your problem if we omit removing the symbolic links.

---

STR: NASC-21270 DG/UX Base System for AViiON  
ORIG-ID: U663941

Module: CRON  
Rev: 3.10

**Problem Summary:**

After upgrading from 5.4R2.01 to 5.4R3.10 with mu01, cron has started to dump core. Reference similiar STR number NASC-21263. We submit jobs through both cron and at/batch.

**Answer Summary:**

We have been unable to reproduce this problem, or to determine its cause with the core file which has been provided. We have provided you with a special version of cron (special\_cron.tar.Z) which should be loaded on your system. We understand that you have not had any more core dumps from cron and do not plan to install this special version of cron, at this time.

---

STR: NASC-21304 DG/UX Base System for AViiON  
ORIG-ID: U659515

Module: DD  
Rev: 3.10

**Problem Summary:**

Unable to read tapes created with the 'dd' utility that contain backups of 'raw partitions'.

**Answer Summary:**

The problem you reported has been fixed in the version of "dd" that will ship with DG/UX Revision 4.10. The manual page, dd(1), has amendments which will clarify the "conv=noerror" option.

---

STR: NASC-21598 DG/UX Base System for AViiON  
ORIG-ID: U696766

Module: GETPWENT  
Rev: 3.10

**Problem Summary:**

Login considers usernames which differ after the 8th character to be unique. Other commands only use first 8. Request login and getpwent to use first 8.

**Answer Summary:**

We do not plan to change or modify login at this time.

---

STR: GER-15239 DG/UX Base System for AViiON  
ORIG-ID: 3202707

Module: KERN-BM  
Rev: 3.00

**Problem Summary:**

After mounting a DG/UX filing system on a local standalone MOD Sony disk drive and copying about 60Mb of data the umount takes about 17 minutes, during which time shell commands from another terminal or window hang.

**Answer Summary:**

The problem you have reported is addressed in the Buffer Management subsystem that will ship with Release R4.10 of the DG/UX Operating System.

---

STR: NASC-20587 DG/UX Base System for AViiON  
ORIG-ID: U593519

Module: KERN-BM  
Rev: 3.10

**Problem Summary:**

Unmounting a 24gb file systems takes 72 minutes.

**Answer Summary:**

The incident you reported has been addressed by changes in the Buffer Manager subsystem that will ship with DG/UX Release R4.10. The change provides an enhancement in the algorithms used for flushing File System Meta-data which is a key element in the operation of unmounting a DG/UX File System.

---

STR: EURO-619303483DG/UX Base System for AViiON  
ORIG-ID: FAILOVER ERRO

Module: KERN-DEV  
Rev: 3.00

**Problem Summary:**

Scripts have been written to failover and scynchronize disk between a Av6280(dgoracle) and a AV9500/6way(oracle). If the sync'ing of the disk is started at failovet time then then sync operation aborts with error 4020133

**Answer Summary:**

We have been unable to reproduce the problem you describe when using DG/UX 5.4R3.10 with MU02. We suggest that the systems involved in the scenario described herein be upgraded with DG/UX 5.4R3.10 with MU02.

---

STR: NASC-20280 DG/UX Base System for AViiON  
ORIG-ID: S717642

Module: KERN-DEV  
Rev: 3.00

**Problem Summary:**

Ran a program that deals with the Galaxy tape drive, and it hung the system, (twice).

**Answer Summary:**

This problem is corrected in modules that will ship with DG/UX System Release R4.10. The SCSI controller was set to enable the recognition of SCSI "Abort" interrupts, but the SCSI driver was not properly instructed on how to handle these interrupts. This is corrected in DG/UX R4.10.

---

STR: NASC-21091 DG/UX Base System for AViiON  
ORIG-ID: BLOOMBERG-022

Module: KERN-DEV  
Rev: 3.10

**Problem Summary:**

Panic 2000075.

**Answer Summary:**

The dump provided with this STR appears to be related to a problem which was corrected in the kernel libraries that will ship with DG/UX Revision 4.10. This dump does not provide conclusive evidence that this is the same failure, but analysis does indicate that the corrected problem can manifest itself in this way as well.

---

STR: NASC-21830 DG/UX Base System for AViiON  
ORIG-ID: E446273

Module: KERN-DEV  
Rev: 3.10

**Problem Summary:**

The system will not size disk on our CLARiiON. After going to single user mode we had to adm-configure then register the disk. This seemed to begin after installing patch 97.

**Answer Summary:**

This problem will be corrected in modules that will ship with DG/UX System Release 4.10. The SCSI disk configuration routine was not properly checking for any errors when it attempted to configure a device. The CLARiiON that had been previously configured had caused a SCSI reset condition on the SCSI bus that the configure routine did not handle.

---

STR: NASC-21838 DG/UX Base System for AViiON  
ORIG-ID: U728982

Module: KERN-DEV  
Rev: 3.10

**Problem Summary:**

After installing dgux\_5.4R3.10.MU02 the system will skip four CLARiiON disk while configuring devices at boot time. Previously the system was running dgux\_5.4R3.10.MU01 without this problem.

**Answer Summary:**

This problem will be corrected in modules that will ship with DG/UX System Release 4.10. The SCSI disk configuration routine was not properly checking for any errors when it attempted to configure a device. The CLARiiON that had been previously configured had caused a SCSI reset condition on the SCSI bus that the configure routine did not handle.

---

STR: NASC-21867 DG/UX Base System for AViiON  
ORIG-ID: PPOM 071185-1

Module: KERN-DEV  
Rev: 3.10

**Problem Summary:**

MU 02 bootstrap halts with 3010 or 4021 or 12006033.

**Answer Summary:**

This problem is corrected in DG/UX 5.4R3.10.MU02. However, you MUST install DG/UX 5.4R3.10.MU02 on BOTH of the systems as they share a common SCSI bus. The cause of your problem was that the system that was running DG/UX 5.4R3.10.MU01 would incorrectly handle the SCSI RESET that occurs when the other system was booting.

---



STR: NASC-21881 DG/UX Base System for AViiON  
ORIG-ID: U732465

Module: KERN-DEV  
Rev: 3.10

**Problem Summary:**

CLARiiON raid 5 won't register on bootup after installing MU02.

**Answer Summary:**

This problem is caused by the kernels on both systems being specified incorrectly. As the two systems share the same SCSI bus that contains your RAID5 disk, each kernel must only specify the disk PRIMARY path. Refer to the manual "Configuring and Managing a CLARiiON Disk-Array Storage System Using the the GridMgr Interface - DG/UX Environment" (014-2323) for details on this.

---

STR: NASC-21907 DG/UX Base System for AViiON  
ORIG-ID:

Module: KERN-DEV  
Rev: 3.10

**Problem Summary:**

When running MU02 on two AV/9500s sharing dual initiated Clariions the last system to come up will cause the first system to hang.

**Answer Summary:**

This problem is caused by the kernels on both systems being specified incorrectly. As you are not sharing disks between the two systems, but the two systems share the same SCSI busses, each kernel must only specify the disks that it will use. The disks in use by the other system must not be specified in the kernel. This is why your "workaround" worked as it is correct.

---

STR: NASC-21421 DG/UX Base System for AViiON  
ORIG-ID: U671648

Module: KERN-FSCK  
Rev: 3.10

**Problem Summary:**

Running fsck on a 48Gbyte filesystem returns the error " Block ## is invalid Inode Table Block - rewrite as empty block ?".

**Answer Summary:**

The incident you reported has been corrected with the File System Checker that ships with DG/UX Release R4.10.

---

STR: NASC-21438 DG/UX Base System for AViiON  
ORIG-ID: E443173

Module: KERN-FSCK  
Rev: 3.10

**Problem Summary:**

Running fsck on a large filesystem (64Gb) results in the error " Block ## is invalid Inode Table Block - rewrite as empty block ?".

**Answer Summary:**

The incident you reported has been corrected with the File System Checker that ships with DG/UX Release R4.10.

---

STR: NASC-21532 DG/UX Base System for AViiON

Module: KERN-FSCK

ORIG-ID: U687158

Rev: 3.10

**Problem Summary:**

When we attempt to run fsck -y on a 775,000 block 3 piece aggregate virtual disk DG/UX file system, fsck eventually fails with the error: "bus error."

**Answer Summary:**

The incident you reported has been corrected in the File System Checker that ships with DG/UX Release R4.10.

---

STR: NASC-21749 DG/UX Base System for AViiON

Module: KERN-FSCK

ORIG-ID: E445322

Rev: 3.10

**Problem Summary:**

Running fsck -t /tmp/test.dat /myfs will return an error: Unknow option -t .

**Answer Summary:**

Thank you for bringing this to our attention. The "-t" option is no longer necessary and should have been removed from the fsck(1M) manpage. This change will be effective in the fsck(1M) manpage that ships with release R4.10 of the DG/UX software.

---

STR: NASC-21028 DG/UX Base System for AViiON

Module: KERN-LPT

ORIG-ID: U639287

Rev: 3.10

**Problem Summary:**

DGUX 3.00, 3.10 Using Berkeley printing, if job is queued on /dev/lp and printer is off-line, system will hang during a shutdown, halt, or reboot.

**Answer Summary:**

This problem has been resolved in the lp subsystem that will ship in DG/UX 5.4 Release 4.10.

---

STR: NASC-21776 DG/UX Base System for AViiON

Module: KERN-PEFN

ORIG-ID: E445865

Rev: 3.10

**Problem Summary:**

If the PEFN\_MAX\_RX\_BUF kernel parameter is set to 512 the system will produce a 2000075 panic.

**Answer Summary:**

This problem has been resolved in pefn.a that will ship in DG/UX 5.4 Release 4.10.

---

**STR: NASC-21779 DG/UX Base System for AViiON****Module: KERN-RM****ORIG-ID: M34205****Rev: 3.10****Problem Summary:**

User processes were hanging and customer tried to term some of them. Ultimately, had to do a hot-key abort.

**Answer Summary:**

The incident you reported has been fixed in the Record Management subsystem that will ship with DG/UX Release R4.10.

---

**STR: EURO-616203411DG/UX Base System for AViiON****Module: KERN-SU****ORIG-ID: PANIC 4100005****Rev: 3.10****Problem Summary:**

System panic 41000053.

**Answer Summary:**

This problem is corrected in the kernel libraries that will ship with DG/UX Release 4.10.

---

**STR: NASC-20119 DG/UX Base System for AViiON****Module: KERN-UFM****ORIG-ID: U556851****Rev: 3.10****Problem Summary:**

PCNFSD v2.00 and excel 5.00 do not work properly. Error "Cannot access 'file.xls'" occurs when trying to access the file on a nfs drive.

**Answer Summary:**

This problem is corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10.

---

**STR: NASC-21834 DG/UX Base System for AViiON****Module: KERN-VDM****ORIG-ID: U726459****Rev: 3.10****Problem Summary:**

The system node name "bankfund" seemed to hang on July 4, 1995 at 21:57:25 GMT, while processing a shutdown. A HotKey memory dump was taken.

**Answer Summary:**

The incident you reported has been fixed in the Virtual Disk Management subsystem that will ship with DG/UX Release R4.10.

---

STR: NASC-21320 DG/UX Base System for AViiON  
ORIG-ID: U660500

Module: KERN-VM  
Rev: 3.10

**Problem Summary:**

We have an AV5225 running rev 5.4R3.10 of DG/UX. Our system panicked with a 57000053 panic. Our third party hardware support said that we do not have a hardware problem.

**Answer Summary:**

There was a bug in the VM subsystem where an invalid parameter was being passed into a function when under certain conditions map entries were being modified.

---

STR: NASC-20577 DG/UX Base System for AViiON  
ORIG-ID: DE-941130

Module: KERNEL  
Rev: 3.10

**Problem Summary:**

The performance of multipath disk i/o is not consistent.

**Answer Summary:**

Investigation results of this STR shows that it is a CLARiiON hardware problem. Please submit a HTR (Hardware Trouble Report) to your hardware support organization.

---

STR: NASC-21433 DG/UX Base System for AViiON  
ORIG-ID: U678906

Module: KERNEL  
Rev: 3.10

**Problem Summary:**

While we were running RPM our system hung. The master console was hung as well as the user terminals. However the terminals running RPM continued to update their screens. When attempted to escape to a shell they also hung.

**Answer Summary:**

There is a very rare condition present on some DG machines where reordering of cache instructions can cause the synchronization mechanisms in the OS (the locking code) to develop an invalid state causing a system hang. A rewrite of the locking code in R4.10 addresses this condition and the customer has agreed to wait for the next release of the operating system to address their hang.

---

STR: NASC-21802 DG/UX Base System for AViiON  
ORIG-ID: U719639

Module: KLOGD  
Rev: 3.10

**Problem Summary:**

Klogd is core dumping.

**Answer Summary:**

This problem is corrected in the Klogd module that will ship with dg/ux rev 4.10.

---

STR: NASC-21673 DG/UX Base System for AViiON

Module: POSTPRINT

ORIG-ID: U702999

Rev: 3.10

**Problem Summary:**

On a 5.4R3.10 system, postscript documents that are submitted with the command "lp -dprintername -S iso-88591 filename" yield the mail message "/usr/lib/lp/postscript/postprint: missing case for option S".

**Answer Summary:**

The problem you reported is fixed in postprint(1) that will ship with DG/UX Release 4.10.

---

STR: INTL-1157 DG/UX Base System for AViiON

Module: RCMD

ORIG-ID: TEAM 481

Rev: 3.10

**Problem Summary:**

Losing standard input in application.

**Answer Summary:**

The problem you reported is fixed in the libraries that will ship with DG/UX Release 4.10.

---

STR: NASC-21462 DG/UX Base System for AViiON

Module: SYSADM

ORIG-ID: U683063

Rev: 3.10

**Problem Summary:**

Sysadm intermittently dumps core.

**Answer Summary:**

This problem is corrected in commands which will ship with DG/UX R4.10.

---

STR: EURO-616604001DG/UX Base System for AViiON

Module: TCPDUMP

ORIG-ID:

Rev: 3.10

**Problem Summary:**

Running tcpdump -M 500 'trigger false' produces a matrix in which about 90% of the entries have the same source and destination.

**Answer Summary:**

This problem is corrected in the version of the tcpdump command that will ship with DG/UX Release 4.10. The command "tcpdump -M" will report the correct host names or addresses for the source and destination.

---

STR: NASC-21119 DG/UX Base System for AViiON  
ORIG-ID: EL-950227

Module: UUCICO  
Rev: 3.10

**Problem Summary:**

Running uucico checks the lock file on the destination but does not abort if the destination is locked. As a result, the status message of the destination (from 'uustat -m') is overwritten usually with DEVICE LOCKED or CALLER SCRIPT FAILED.

**Answer Summary:**

This feature of uucico is working as expected in this situation.

---

STR: NASC-21652 DG/UX Base System for AViiON  
ORIG-ID: E441902

Module: VTC  
Rev: 3.10

**Problem Summary:**

When "vtc\_routes -a" command was issued, an error message "vtc\_routes: too much information in file /etc/tcload/vtc.addrs" appeared.

**Answer Summary:**

This problem has been resolved in the VTC code that will ship in DG/UX 5.4 Release 4.10. A parsing problem was fixed for situations where the -f option of vtc\_routes is not used and the net rejection field of vtc.addrs is specified.

---

STR: NASC-21695 DG/UX Base System for AViiON  
ORIG-ID: U707540

Module: WHO  
Rev: 3.10

**Problem Summary:**

DGUX 3.10/MU01 who -Tu will randomly core dump.

**Answer Summary:**

The problem you reported is fixed in the who(1) command that will ship with DG/UX Release 4.10.

---

## **DG/UX Management Agents Model: Q047A**

STR: NASC-21809 DG/UX Management Agents  
ORIG-ID:

Module: N/A  
Rev: 2.00

**Problem Summary:**

DG/UX Manager 2.0 display of Virtual Disks hangs app, kills agent. When AViiON system uses Multi-Path I/O, as with disk mirroring, this problem occurs.

**Answer Summary:**

The problem you reported was a result of the management agent incorrectly parsing the output of an admvdisk command when Multi-Path I/O was enabled. The problem has been corrected in Revision 2.10 of the DG/UX Management Agents.

---

## DG/UX NFS for AViiON Model: C002A

STR: NASC-18395 DG/UX NFS for AViiON  
ORIG-ID: U410052

Module: KERN-SRV  
Rev: 2.00

**Problem Summary:**

When mounting a filesystem from an AViiON onto a SUNOS client running 4.1.1, a root user on the Sun can "touch" the file even though the file system was not exported with the -root option.

**Answer Summary:**

This problem is corrected in the version of the kernel libraries that will ship with DG/UX R4.10.

---

## DG/UX Sort/Merge for AViiON Systems Model: R042A

STR: NASC-21816 DG/UX Sort/Merge for AViiON Systems  
ORIG-ID: U724674

Module: N/A  
Rev: 1.72

**Problem Summary:**

Dgsort 1.72B hangs. Dgsort 1.72A works correctly.

**Answer Summary:**

This problem is corrected in the dgsort module that will ship with DG/UX Sort/Merge revision 1.80.

---

## DG/UX TCP/IP for AViiON Model: C001A

STR: NASC-21814 DG/UX TCP/IP for AViiON  
ORIG-ID: U725371

Module: N/A  
Rev: 3.10

**Problem Summary:**

SNMP Transmission/Parallel group object names not being returned from snmpgetmany command.

**Answer Summary:**

This is not supported by the DG/UX snmp agent. The file /usr/etc/snmp/snmpinfo.dat contains only names for the objects our agent supports, which does not include the parallel port MIB. Since snmpinfo.dat is a simple ASCII file, it can be extended from the parallel port MIB rfc1318. We provided you with the information you needed to make this change.

---

STR: NASC-21750 DG/UX TCP/IP for AViiON  
ORIG-ID: U715287

Module: ADMROUTE  
Rev: 3.10

**Problem Summary:**

If the gateway for a route has an alias listed in /etc/hosts, sysadm does not properly update the tcpip-params file.

**Answer Summary:**

This problem is corrected in the version of the admroute script that will ship with DG/UX Release 4.10.

---

STR: NASC-21938 DG/UX TCP/IP for AViiON  
ORIG-ID: U740761

Module: BOOTPD  
Rev: 3.10

**Problem Summary:**

When bootpd is running and the /etc/bootptab file is updated with vi or the touch command, bootpd produces a core file.

**Answer Summary:**

This problem will be resolved by a TCP/IP deliverable that will ship with DG/UX Release 4.10.

---

STR: NASC-21734 DG/UX TCP/IP for AViiON  
ORIG-ID: U712912

Module: KERN-TCP  
Rev: 3.00

**Problem Summary:**

Streams error file grows large with error "000122231017 TCP\_ECONNREFUSED\_RST\_CONNECTION\_DROPPED, Connection dropped with ECONNREFUSED errno; ti\_flags & TH\_RST set."

**Answer Summary:**

This problem is corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10.

---

STR: NASC-20739 DG/UX TCP/IP for AViiON  
ORIG-ID: JOE-1

Module: NFC  
Rev: 3.00

**Problem Summary:**

After converting a raw tcpdump file to Network General format, the timestamp information is inaccurate. In the attached tracefile, some of the packets show a negative delta time, starting at about the 3rd frame of the trace.

**Answer Summary:**

This problem is corrected in the version of the nfc command that will ship with DG/UX Release 4.10. The nfc command will correctly handle timestamps when converting a raw tcpdump file to Network General format.

---



## DG/UX X Windows for AViiON Model: H001A

STR: NASC-20398 DG/UX X Windows for AViiON  
ORIG-ID: U577602

Module: N/A  
Rev: 2.01

### Problem Summary:

The mwm, motif window manager, is intermittently hanging or crashing with a core file during the xdm login process. Followup to STR NASC-18496.

### Answer Summary:

As we discussed in our telephone conversation, we are closing this STR because after going to revision 5.4R3.10 of DG/UX you are no longer experiencing this problem. If the problem resurfaces, please open a new STR, referencing this STR number.

---

## ICOBOL 2 for AViiON Systems Model: L031A

STR: EURO-618116431ICOBOL 2 for AViiON Systems  
ORIG-ID:

Module: N/A  
Rev: 2.02

### Problem Summary:

When using a dongle on the /dev/console line of a AV4100, when at the SCM, characters don't get displayed. When bringing the machine down, the "CPU Halted" is not displayed. On bringing the machine up, powerup messages are missing.

### Answer Summary:

This will remain a hardware restriction between the AV/4100 and the protection device provided with ICOBOL 2. As a workaround, you can connect the device with its two reversers to the back of the system console itself instead of to the /dev/console port on the back of the CPU.

---

## Legato Networker for AViiON Model: Q017A

STR: NASC-21657 Legato Networker for AViiON  
ORIG-ID: U703322

Module: RECOVER  
Rev: 4.00

### Problem Summary:

The recover command is not consistent between interactive and non-interactive restores. One uses 00:00:00 as the time and the other uses 23:59:59.

### Answer Summary:

This problem has been reported to the vendor. The vendor has assigned a tracking number to this request. The number is 950622.03. We have not received any indications as to when this correction will take place. It is recommended that you use more explicit options which specify both the date and time with the -t option (e.g. -t "5/22 00:00:00") as a workaround.

---

## Multi-extensible Debugger for Aviion Model: R007A

STR: NASC-20846 Multi-extensible Debugger for Aviion S  
ORIG-ID: E439212

Module: N/A  
Rev: 3.00

### Problem Summary:

Mxdb may hang executing script, interrupt (^C) does not work.

### Answer Summary:

This will remain a permanent restriction in the Graphical User Interface to Mxdb. Note that this is not a problem in the command line interface.

---

STR: NASC-21318 Multi-extensible Debugger for Aviion S  
ORIG-ID: ET-JH-950105-

Module: N/A  
Rev: 3.00

### Problem Summary:

Getting warning message: Cannot convert string "mxdb-12" to type FontStruct.

### Answer Summary:

As per our telephone conversation, we are closing this STR because you are no longer experiencing this problem. If the problem resurfaces, please open a new STR, referencing this STR number.

---

## NetWare Transport for AViiON Systems Model: C021A

STR: NASC-21934 NetWare Transport for AViiON Systems  
ORIG-ID: U736870

Module: N/A  
Rev: 3.00

### Problem Summary:

Sapd is creating core files when Netware is shut down.

### Answer Summary:

The problem description as reported is a duplicate. Please reference Software Trouble Report NASC-20672.

---

## OSI/Platform for AViiON Systems Model: C094A

STR: NASC-20678 OSI/Platform for AViiON Systems  
ORIG-ID: E438620

Module: N/A  
Rev: 3.20

### Problem Summary:

Randomly osip stops accepting connections.

### Answer Summary:

This problem was caused by OSI/P internal stacks getting out of state. Patch Level 12, which you have received, fixes a case where a connection is about to be established but is then disconnected.

---

## PI/open for AViiON Systems (USA) Model: D061A

STR: NASC-20893 PI/open for AViiON Systems (USA)

Module: N/A

ORIG-ID: U626816

Rev: 3.50

**Problem Summary:**

PI/Open users are hung on "Waiting for lock 0x444a9ae8".

**Answer Summary:**

We understand that after upgrading to release 3.5r15x1 you have not seen the problem as described in this STR and have therefore agreed to its closure.

---

STR: NASC-21115 PI/open for AViiON Systems (USA)

Module: N/A

ORIG-ID: U648431

Rev: 3.50

**Problem Summary:**

Cannot have exclusive access to a file which is locked by a terminated user after releasing all locks for defunct users. The environment included DG/UX revision 5.4.R3.10 and PI/open version 3.5.

**Answer Summary:**

This STR is being closed at your request because the reported problem has not reoccurred. If, in the future, this problem returns please contact the Customer Support Center to open a new call.

---

STR: NASC-21805 PI/open for AViiON Systems (USA)

Module: N/A

ORIG-ID: U719635

Rev: 3.60

**Problem Summary:**

Error: "Warning: B68 a precision error has occurred not exact floating point used." is given for listing indexes. The environment included PI/open version 3.6 and DG/UX revision 5.4.R3.00.

**Answer Summary:**

In INFO/BASIC, PRECISION allows you to specify the number of digits appearing after the decimal point in numeric strings. Digits in excess of PRECISION\_(4 is default) are truncated and, "WARNING (B68) A precision error has occurred." will be displayed. This message is informational only and can be turned off by setting PRECISION OFF at TCL, within the VOC RELLEVEL or within VOC LOGINS.

---

STR: NASC-21844 PI/open for AViiON Systems (USA)

Module: N/A

ORIG-ID: U728949

Rev: 3.60

**Problem Summary:**

Getting extra null field for type 1 file after porting data file from Prime to PI/open version 3.6. The file was saved on Prime with SAVE.ACCOUNT and restored on PI/open with RESTORE.ACCOUNT.

**Answer Summary:**

We have been asked to close this STR because you were able to successfully port your data by running a program that strips out the extra null value in Type 1 files. Please let us know if have future questions or problems by contacting the Customer Support Center.

---

## SNA 3270 FOR AViiON SYSTEMS Model: C012B

STR: EURO-661000011SNA 3270 FOR AViiON SYSTEMS

Module: N/A

ORIG-ID:

Rev: 3.10

**Problem Summary:**

Recent installation of AViiON with SNA/SNA3270/QLLC, when connection || carries high number of LU sessions, all users are thrown out with error 'Sense Code 0822 errno 0145.

**Answer Summary:**

Call opened in error please ignore.

---

STR: EURO-661000113SNA 3270 FOR AViiON SYSTEMS

Module: N/A

ORIG-ID:

Rev: 3.10

**Problem Summary:**

Sna problems.

**Answer Summary:**

Call opened in error - please ignore.

---

## SNA FOR AVIION SYSTEMS Model: C011B

STR: GER-15326 SNA FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: DUS950411

Rev: 4.00

**Problem Summary:**

SNA Station contact pending active, erratic error.

**Answer Summary:**

This problem is fixed in the patch level snalan\_3.10.5.

---

STR: INTL-1166 SNA FOR AVIION SYSTEMS  
ORIG-ID: TEAM 483

Module: N/A  
Rev: 4.00

**Problem Summary:**

LUs cannot be accessed again after exiting from the first session.

**Answer Summary:**

This problem is fixed in patch level sna\_4.00.14, which has been made available to you.

---

STR: NASC-21343 SNA FOR AVIION SYSTEMS  
ORIG-ID: E440628

Module: N/A  
Rev: 4.00

**Problem Summary:**

SNA must be restarted when line from host is stopped/started, in order to get the configuration active.

**Answer Summary:**

The problem you were having restarting your LU 6.2 sessions was occurring because the sna server was not properly terminating the sessions when CICS was brought down. This problem is fixed in patch level sna\_4.00.13, which you have received.

---

STR: NASC-21552 SNA FOR AVIION SYSTEMS  
ORIG-ID: U691606

Module: N/A  
Rev: 4.00

**Problem Summary:**

Stopping the SNA server causes a core file.

**Answer Summary:**

We were unable to determine the cause of this problem. As we agreed, since you have not continued to experience the problem, we are closing this STR. If the problem occurs in the future, please contact us to submit a new STR.

---

STR: NASC-21678 SNA FOR AVIION SYSTEMS  
ORIG-ID: E445031

Module: N/A  
Rev: 4.00

**Problem Summary:**

Unable to establish an SNA connection between an AViiON and an AS/400 over Ethernet LAN.

**Answer Summary:**

This problem is fixed in patch level snalan\_3.10.5, which we have provided to you. The new problem that you encountered after this problem was resolved is being investigated under STR NASC-21737.

---

STR: NASC-21810 SNA FOR AVIION SYSTEMS  
ORIG-ID: E446263

Module: N/A  
Rev: 4.00

**Problem Summary:**

SNA pu was deactivated and SNA took a core dump.

**Answer Summary:**

As we agreed, we are closing this STR since the correct version of the s2\_tpi program was not running at the time that the problem occurred.

---

## **SNA RJE FOR AVIION SYSTEMS Model: C013B**

STR: NASC-20759 SNA RJE FOR AVIION SYSTEMS  
ORIG-ID:

Module: N/A  
Rev: 3.10

**Problem Summary:**

Problems with FCB option when submitting JCL.

**Answer Summary:**

As we agreed, we are closing this STR. The information and materials that we initially received were inconclusive. If you continue to experience this problem after upgrading to revision 4.00 SNA RJE, please contact us to submit a new STR.

---

STR: NASC-21373 SNA RJE FOR AVIION SYSTEMS  
ORIG-ID: U635087

Module: N/A  
Rev: 4.00

**Problem Summary:**

Intermittently, a large file received from the mainframe will have extraneous Line Feed characters at the beginning of the file.

**Answer Summary:**

As we agreed, we are closing this STR. The trace that we received turned out to be for a different problem and we were unable to determine the cause of this problem. We understand that you plan to begin using a different procedure that will eliminate this problem.

---

STR: NASC-21772 SNA RJE FOR AVIION SYSTEMS  
ORIG-ID:

Module: N/A  
Rev: 4.00

**Problem Summary:**

There is a difference in byte count between same file received and transmitted to mainframe.

**Answer Summary:**

As we agreed, we are closing this STR. The trace that we received did not contain the necessary information and we were unable to determine the cause of this problem. We understand that you plan to begin using a different procedure that will eliminate this problem.

---

## Tuxedo System/T for AViiON Systems Model: Q013A

STR: NASC-21396 Tuxedo System/T for AViiON Systems  
ORIG-ID: E442831

Module: N/A  
Rev: 4.21

### Problem Summary:

Tuxedo performance on an AViiON does not equal performance on a Pyramid.

### Answer Summary:

As we discussed, we are closing this STR, with your permission, because it is no longer an issue in your Tuxedo environment. If it becomes an issue again in the future, please open a new STR, referencing this STR number.

---

## VMARK uniVerse Model: D055A

STR: NASC-13982 VMARK uniVerse  
ORIG-ID: U079545

Module: N/A  
Rev: 6.33

### Problem Summary:

The PRINT.ADMIN menu will not work in any account other than the uv home account.

### Answer Summary:

In releases 8.3.1 and higher, Vmark has redesigned the spooler location. Spooler location is now obtained from the System Administration Menu under Spooler Management with the option Configure Spooler. Since the VOC item SPOOLER.LOCATION is no longer being used, the problem addressed in this STR will be fixed. Please contact CSC if you have questions after upgrading.

---

STR: NASC-16003 VMARK uniVerse  
ORIG-ID: U212977

Module: N/A  
Rev: 6.34

### Problem Summary:

When the 1/2" tape is detached with the "T.DET" command, the tape moves forward to the beginning of the next file on the tape.

### Answer Summary:

In release 8.3.1 and higher, Vmark has provided a device type "T" or "C" to be used in lieu of "DT" or "DC". Through testing it appears these device types work best with DG device drivers and we no longer experience the issues addressed in this STR. We recommend you upgrade and run with the appropriate device type. Please contact CSC if you have additional questions.

---

STR: NASC-17238 VMARK uniVerse  
ORIG-ID: U313706

Module: N/A  
Rev: 6.34

**Problem Summary:**

Tape utilities will not function as documented when working with a nine track tape.

**Answer Summary:**

Vmark has added additional documentation to the uniVerse 8.3.1 System Administration Manual regarding tape drive definitions. DG has determined that device type "T" or "C" appear to work best with DG device drivers. Through testing at uniVerse releases 8.3.1 and higher with a device type "T", we are longer experiencing the issues stated in this STR.

---

STR: NASC-18329 VMARK uniVerse  
ORIG-ID: U404739

Module: N/A  
Rev: 6.34

**Problem Summary:**

UV.VI is placing a lock on every item when we use a SAVE.LIST.

**Answer Summary:**

Vmark has closed this issue with the statement that UV.VI is working correctly. UniVerse loops through the SELECT list and reads each record before passing them off to vi, so the read locks stay in place for the entire vi session. Vmark feels to do individual vi's on each record in the SELECT would compromise the vi functionality. A request has been made to document this functionality.

---

STR: NASC-19664 VMARK uniVerse  
ORIG-ID: U500378

Module: N/A  
Rev: 6.34

**Problem Summary:**

The result of NOT.MATCHING is not the inverse result of MATCHING when records are selected with ...string... pattern. The records are selected with 'LIST file WITH field NOT.MATCHING ...string... field' statement.

**Answer Summary:**

ITEM-DESC, in the example you provided, is a multivalued field. Selection is performed differently with multivalued fields. The System Description Manual introduces a keyword WHEN to be used on multivalued field selection.

---

STR: EURO-617110247VMARK uniVerse  
ORIG-ID:

Module: N/A  
Rev: 7.32

**Problem Summary:**

Under UV, a single quote in a HEADING statement is treated as a control sequence character whereas under MD Reality it is treated as a normal text characters. GTAR 14960.

**Answer Summary:**

Vmark has closed this issue stating that uniVerse is compatible with PICK and Reality documentation. PICK documentation states you must use two single quotes (ie '') to print an apostrophe in a HEADING.

---



STR: EURO-617111962VMARK uniVerse  
ORIG-ID:

Module: N/A  
Rev: 7.32

**Problem Summary:**

Spooler number has backed up on itself, eg. there are now two print jobs in the universe spooler directory with the same number, 1529, one created on 25.1.95 and the other on 26.1.95. WHY? GTAR 14511 is addressing this problem.

**Answer Summary:**

We are closing this STR because Vmark has closed GTAR 14511 with the explanation that the spooler will start at the first available non-consecutive job number in usplug.

---

STR: NASC-19889 VMARK uniVerse  
ORIG-ID: U518684

Module: N/A  
Rev: 7.33

**Problem Summary:**

An Idescriptor containing an OCONV,MD2 (or OCONVS) will not display the total correctly when the decimal value ends in a zero(0). The trailing zero will be omitted from the display.

**Answer Summary:**

Vmark has closed this issue with the recommendation that field 3 of the I-descriptor should contain MD2. Totals are stored in internal format and the conversion code in field 3 is used to convert the total to external format. If you have any additional questions, please contact the Customer Support Center.

---

STR: NASC-20287 VMARK uniVerse  
ORIG-ID: U553574

Module: N/A  
Rev: 7.33

**Problem Summary:**

A Return statement in a subroutine that is part of a function definition will return a compiler warning. The warning will report that no return value was specified and that null was used.

**Answer Summary:**

Vmark has closed this issue stating that there is no way to differ between a return from a function and a return from a gosub. Therefore, Vmark will continue to print the warning message. If you have any additional questions, please contact the Customer Support Center.

---

STR: NASC-21554 VMARK uniVerse  
ORIG-ID: U686922

Module: N/A  
Rev: 8.31

**Problem Summary:**

Fault type 11, Layer type Command language,Seg Fault - core dumped when using uvbackup with a label.

**Answer Summary:**

The problem reported is available as a uniVerse tunable parameter, BLKMAX, which was added at Release 7.3.2.

---

STR: NASC-21721 VMARK uniVerse  
ORIG-ID: U708396

Module: N/A  
Rev: 8.31

**Problem Summary:**

The execvp failed errno = 2 when trying to use the ic\_info function and ic\_subcall functions.

**Answer Summary:**

As we discussed in our telephone conversation, your problem was resolved by replacing ic\_info ("/usr/opt/pick/test.uv",... with ic\_info("login.script",... Once this change was made, the script executes properly.

---

STR: NASC-21870 VMARK uniVerse  
ORIG-ID: U729655

Module: N/A  
Rev: 8.31

**Problem Summary:**

The LOCATE stmt will not allow the use of a variable call START. "START" unexpected, Was expecting: Array Name, CALLable Variable Name.

**Answer Summary:**

As documented in Appendix D of the uniVerse BASIC manual, START is a reserved word within uniVerse. It was introduced as a reserved word in release 8.3.1 with the enhancements that were made to the Transaction Logger. As stated within the Appendix, it is recommended that you NOT use reserved words as variable names within BASIC programs.

---

## **X.25 for AViiON Systems Model: C008A**

STR: NASC-21243 X.25 for AViiON Systems  
ORIG-ID: U652881

Module: N/A  
Rev: 3.00

**Problem Summary:**

Using /usr/include/netdb.h and /usr/opt/x25/x25net/xnetdb.h will cause a compile error because the hostent structures are different.

**Answer Summary:**

To end the confusion between the x25 hostent structure and the tcp/ip hostent structure, the x25 structure has been changed to xhostent. This fix will be in X.25 Release 3.10 for DG/UX systems due out in the fall of 1995.

---

STR: NASC-21409 X.25 for AViiON Systems  
ORIG-ID: U672564

Module: N/A  
Rev: 3.00

**Problem Summary:**

X25 sysadm routine to add x25 host will not accept format of "name.number.P" for a host connected via PVC.

**Answer Summary:**

This has been fixed in X.25 Release 3.10 for DG/UX systems due out in the fall of 1995.

---

STR: NASC-21494 X.25 for AViiON Systems  
ORIG-ID: E443302

Module: N/A  
Rev: 3.00

**Problem Summary:**

When reading from an x25 PVC, the application's indication of the condition of the more bit does not correspond to the setting of the more bit in the x25 trace.

**Answer Summary:**

This problem was the result of a misunderstanding of the way that the "getmsg" system call works. The "getmsg" call also has a way of breaking up messages.

---

STR: NASC-21769 X.25 for AViiON Systems  
ORIG-ID: E443702

Module: N/A  
Rev: 3.00

**Problem Summary:**

The documentation for the hostent() structure on page 8-1 of the "Programming with X.25 on the DG/UX System" is incorrect.

**Answer Summary:**

The hostent structure has been changed to xhostent and the h\_addr field is of type struct xaddrf. This fix will appear in X.25 3.10 for DG/UX systems in the fall of 1995.

---



***SECTION 2:***  
***Product Revision List***



## OPEN SYSTEMS

### SOFTWARE REVISION LIST

The following table summarizes software release activity for Open Systems Software Products for AViON and 386IX products. It documents the revision, update levels, and date of shipment for current supported product revisions.

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
3270 CLIENT GATEWAY for DG/UX	C189A	2.00	00	12/94	
3270 PC GATEWAY	C189A	2.00	00	12/94	
API LU6.2 AViON RUNTIME	C160A	3.10	00	11/92	
API LU6.2 FOR AViON SYSTEMS	C014B	3.10	00	11/92	
API LUO 1, 2, 3 FOR AViON	C015B	3.10	00	11/92	
AV IMAGE/ARS	D099A & D100A	2.0	00	04/95	
AV IMAGE CLIENT	A330B	1.50 1.01	00 00	6/95 4/94	12/95
AV IMAGE DB LINK CLIENT	A330A	1.50 1.01	00 00	6/95 4/94	12/95
AV IMAGE INGRES DB LINK	A326A	1.50 1.0	00 00	6/95 11/93	12/95
AV IMAGE INFORMIX DB LINK SERVER	A327A	1.50 1.0	00 00	06/95 11/93	12/95
AV IMAGE SCAN CLIENT	A476A	1.50	00	06/95	
AV IMAGE LINK VIEW	A501A	1.50	00	06/95	
AV IMAGE LINK SCAN	A502A	1.50	00	06/95	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV IMAGE ORACLE DB LINK	A324A	1.50 1.01	00 00	06/95 12/93	12/95
AV IMAGE SERVER	A323A	1.50 1.01	00 00	6/95 4/94	12/95
AV IMAGE SCANNER (100-users)	A329B	1.01	00	5/94	
AV IMAGE SYBASE DB LINK	A325A	1.50 1.0	00 00	06/95 11/93	12/95
AV IMAGIZER TOOLKIT	A367	1.0	00	11/93	
AV OBJECT OFFICE/MS-WINDOWS	A091A	1.00	00	08/91	
AV OFFICE ADD-ON ENGLISH (AMERICAS)	A103A	1.20	00	09/93	
AV OFFICE DOCCONVERT MICROSOFT WORD MAC	A107A	1.00	00	09/91	
AV OFFICE DOCCONVERT MICROSOFT WORD/PC	A106A	1.00	00	09/91	
AV OFFICE DOCCONVERT MICROSOFT WORD/WINDOWS	A108A	1.00	00	09/91	
AV OFFICE DOCCONVERT MULTIMATE	A109A	1.00	00	09/91	
AV OFFICE DOCCONVERT NAVY DIF	A111A	1.00	00	09/91	
AV OFFICE ENGLISH (AMERICAS)	A102A	1.20	00	09/93	



PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV OFFICE FRENCH (CANADA)	A319A	1.00	00	12/92	
AV ONGO OFFICE CLIENT OSF/MOTIF UK	A417A	1.02 1.01	00 00	02/94 10/93	
AV ONGO OFFICE CLIENT	A336A	1.02	00	09/94	
AV ONGO SERVER	A335A	1.02	01	09/94	
AV ONGO CEO LINK	A342A	1.00	00	04/94	
AV ONGO PC VALUE PACK	A338A	1.00	00	04/94	
AV SYSCOPE PERF MONITOR	R062A	1.00	00	01/93	
AViON DISTRIBUTED LOCK MANAGER	Q042A	1.10	00	02/95	
BUSINESS BASIC FOR AViON	L005A	1.40 1.40	01 00	05/95 05/94	12/95
BUSINESS BASIC FOR 386/IX	L004A	1.20	00	05/92	
C++ (AT&T) - FOR SERVER	L018A	2.1.2 2.2.1	00 00	05/92 10/91	
CMIP/CMIS AGENT FOR AViON	C124A	3.10	00	01/93	
DCE CELL DIRECTORY SERVER	C173A	1.00	00	08/93	
DCE GLOBAL DIRECTORY SERVER	C174A	1.00	00	08/93	
DCE ENCRYPTION UTILITIES FOR AViON	C176A	1.00	00	07/93	
DCE EXECUTIVE FOR AViON	C177A	1.00	00	08/93	
DCE SECURITY SERVER	C172A	1.00	00	08/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
DG/ADVANCED PICK FOR AViiON	D058A	6.10 6.1.8	12 00	06/95 11/94	
DG/ADVANCED SERVER for UNIX (formerly LAN MANAGER for AViiON)	C102A	3.00 2.10	00 00	06/95 06/94	01/96
DG ENTERPRISE PLATFORM	C205A	2.00 1.00	00 00	4/95 12/94	10/95
DG/NETBEUI FOR AViiON	C086A	1.10 1.10	01 00	11/93 03/92	
DG SORT/MERGE FOR AViiON	R042A	1.72 1.71	00 00	02/95 05/93	
DG/UNIVERSE (NON-USA)	D063A	8.3.1.1 7.3.3.1	00 00	02/95 08/94	08/95
DG/UNIVERSE (USA)	D055A	8.3.1.1 7.3.3.1	00 00	02/95 08/94	08/95
DG/UX CLARiiON MANAGER	Q046A	1.10 1.00	00 00	04/95 12/94	10/95
DG/UX MANAGER	Q048A	2.00 1.00	00 00	4/95 12/94	10/95
DG/UX OPERATING SYSTEM	Q501A P001A Q001A	5.4 5.4	3.10 3.00	09/94 02/94	09/95
- B1 TRUSTED	Q012A	5.4 5.4	3.10 3.00	09/94 03/94	09/95
- C2 TRUSTED	Q011A	5.4 5.4	3.10 3.00	08/94 03/94	09/95
DG/UX OPTICAL DRIVER SUITE	R110A	1.00	00	03/95	
DG/UX X.25 FOR AViiON	C008A	3.00	00	04/94	
386/IX ONC/NFS	C005B	2.00	00	10/89	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
DG/UX TAPE INTERCHANGE UTILITIES	R032A	1.00	00	04/91	
DYNACOMM ASYNCH	C147A	3.11 3.10	00 03	09/94 06/93	
EXPRESS-TRACK	A497A	1.00	00	06/95	
FONT SERVER FOR 5921 X-TERMINALS	R064A	6.31	00	03/94	
FRAMEMAKER 4.0	A012D A169D A170D	4.0	00	04/95	
FRAMEMAKER DOCUMENT FILTER	A008D	4.00	00	12/94	
FRAMEMAKER 3.0 ENGLISH FLOATING	A012C	3.10	00	03/92	
FRAMEMAKER 3.0 FIXED LIC. ENGLISH	A169A	3.10	00	03/92	
FTAM FOR AViiON	C095A	3.30	00	08/93	
GNU TOOLS FOR AViiON	R028A	2.00	00	09/92	
GNU C COMPILER	P001A-C	2.5.8.1 2.4.5.6	00 00	09/94 02/94	09/95
GREENHILLS C-88000	L001A	1.87 1.86 1.85	00 00 00	05/94 03/92 08/90	
GREENHILLS FORTRAN-88000	L002A	1.87 1.86 1.86 1.85	00 01 00 01	05/94 02/93 03/92 08/90	
GREENHILLS PASCAL-88000	L003A	1.87 1.86 1.86 1.85	00 01 00 01	05/94 02/93 03/92 08/90	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
ICOBOL 2 FOR AViiON	L031A	2.00	02	10/94	
		2.00	00	06/94	
ICOBOL 2 FOR I/UNIX	L033A	2.00	02	10/94	
		2.00	00	06/94	
ICOBOL2 RUNTIME FOR AViiON	L032A	2.00	02	10/94	
		2.00	00	06/94	
ICOBOL 2 RUNTIME FOR I/UNIX	L034A	2.00	02	10/94	
		2.00	00	06/94	
INFOS CONNECTION SERVER FOR AViiON	D057A	1.10	00	02/91	
INFORMIX DB LINK SERVER	A327A	1.10	00	12/93	
INGRES DB LINK SERVER	A326A	1.10	00	09/94	
INTERACTIVE COBOL RUNTIME FOR 386/IX	L014A	1.70	00	08/91	
LEGATO NETWORKER for AViiON	Q017A	4.02	00	09/94	
		4.00	00	03/94	
LEGATO NETWORKER JB MODULE	Q062A	4.02	00	03/95	
MEDARCHIVE for AViiON	A445A	3.40	00	04/95	
		3.31	00	01/95	12/95
		3.30	02	06/94	12/95
		3.30	00	01/94	12/95
MEDSCAN for AViiON	A446A	2.10	00	04/95	
		2.0	00	01/95	12/95
MICROFOCUS COBOL-2 FOR AViiON	L013A	3.20	00	04/95	
		1.30	00	12/92	11/95
MICROFOCUS COBOL/2 RUNTIME	L027A	3.20	00	04/95	
		3.11	00	05/94	10/95
MICROFOCUS COBOL/2 WITH TOOLBOX	L030A	3.11	00	05/94	
MHS FOR AViiON	C136A	1.20	00	04/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
MHS GATE FOR AViiON	C162A	1.00	00	03/93	
MICROFOCUS COBOL/ 2 RUNTIME	L027A	3/11	00	05/94	
MICROFOCUS COBOL/ 2 with TOOLBOX	L030A	3/11	00	05/94	
MV DATA CENTER MANAGER FOR AViiON	R045A	1.00	00	01/92	
MXDB FOR AViiON	R007A	3.00	00	04/94	
NCD X-TERMINAL BOOT TAPE	R054A	3.11	00	03/94	
HOST XREMOTE FOR NCD XTERMINALS	R072A	2.48	00	06/94	
NETBIOS/TCP/IP FOR AViiON	C166A	1.10	00	06/94	
NETINFO FOR AViiON	C169A	3.00	00	01/93	
NETWARE (4.X)	C131D	4.10	00	02/95	
NETWARE SERVICES FOR AViiON	C020A	3.00	00	07/94	
NETWARE TRANSPORT FOR AViiON	C021A	3.00	00	07/94	
ONC/NFS SYSTEM FOR AViiON	C002A	5.4 5.4	3.10 3.00	09/94 02/94	09/95
OPENMAC/SERVICES FOR AViiON	C148A	1.10	00	06/92	
OPENVIEW Dist Mgmt Dev. Kit	C192A	1.00	00	07/94	
OPENVIEW Dist Mgmt Platform	C191A	1.00	00	07/94	
OPENVIEW Network Mode Manager	C190A	1.00	00	07/94	
OPENVIEW SNMP Dev. Kit	C193A	1.00	00	07/94	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
OPSTAR OFM	A226A	2.00 1.60	00 00	09/94 09/93	
OPSTAR OPTICAL DISK JB PKG	A227A	2.01	00	03/95	
OPSTAR OPTICAL DRIVE PKG	A226A	2.01	00	03/95	
OPSTAR VFM	A227A	1.60	00	09/93	
ORACLE DB LINK SERVER	A324A	1.00	00	11/93	
OS/EYE*NODE	C161A	1.00	02	02/94	
OSI/PLATFORM FOR AViiON	C094A	3.30	0	08/93	
PI/OPEN NON-USA	D062A	3.50	00	06/94	
PI/OPEN USA	D061A	3.50	00	06/94	
QLLC FOR AViiON	C168A	3.20	00	03/93	
RBCS FOR AViiON	C181A	1.00	00	09/93	
SAROS DOCUMENT MANAGER	A440A	1.10 1.0	00 00	01/95 05/94	12/95
SCO UNIX OS INTERNATIONAL	Q026A	4.20	00	10/93	
SDLC FOR AViiON	C010B	3.20	00	07/94	
SECURE RPC FOR AViiON	R010A	4.30	00	07/90	
SNA FOR AViiON	C011B	4.00	00	05/94	
SNA 3270 FOR AViiON	C012B	3.10	00	12/92	
SNA RJE FOR AViiON	C013B	4.00	00	02/94	
SNA TOKEN RING FOR AViiON	C121A	3.10	00	11/92	
SOFTPC	A001B	3.00	00	12/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
SYBASE DB LINK SERVER	A325A	1.00	00	05/94	
TCP/IP FOR AViiON	C001A	5.4 5.4	3.10 3.00	09/94 02/94	09/95
TUXEDO SYSTEM/T KERBEROS	Q039A	2.00	00	07/94	
TUXEDO SYSTEM/WS KERBEROS	Q040A	2.00	00	07/94	
TUXEDO SYSTEM/T FOR AViiON	Q013A	4.20 4.00	00 00	07/94 03/92	
TUXEDO SYSTEM/VS FOR AViiON	Q014A	4.20 4.00	00 00	07/94 03/92	
UIM/X FOR AViiON	R033A	2.50	00	09/93	
VTP FOR AViiON	C096A	3.30	00	07/93	
WESTERN EUROPEAN SYSTEM MESSAGES	Q019A	3.0	00	06/94	
WINTRACK/SYBASE CLIENT	A496A	4.90	00	06/95	
X.400 FOR AViiON	C098A	4.00	00	04/94	
XTP FOR AViiON	C167A	1.00	00	01/93	
X WINDOWS (AViiON)	H001A	5.4 5.4	3.10 3.00	09/94 02/94	09/95





***SECTION 3:***  
***Comment Form***



# NEWSLETTER COMMENTS FORM

Your Name: \_\_\_\_\_

Your Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Account Number: \_\_\_\_\_

### WHO ARE YOU?

- \_\_\_\_\_ EDP/MIS Manager
- \_\_\_\_\_ Analyst/Programmer
- \_\_\_\_\_ Senior System Analyst
- \_\_\_\_\_ Operator
- \_\_\_\_\_ Engineer
- \_\_\_\_\_ End User
- \_\_\_\_\_ Other

### HOW DO YOU USE THIS NEWSLETTER? (List in order with 1 = to Primary Use)

- \_\_\_\_\_ Introduction to the product
- \_\_\_\_\_ Reference
- \_\_\_\_\_ Other

### ABOUT THE NEWSLETTER:

- Is it easy to read? Y(es) or N(o) \_\_\_\_\_
- Is it easy to understand? Y(es) or N(o) \_\_\_\_\_
- Are the topics logically organized? Y(es) or N(o) \_\_\_\_\_
- Can you easily find what you want/ Y(es) or N(o) \_\_\_\_\_
- Does it tell you everything you need to know? Y(es) or N(o) \_\_\_\_\_

WHEN DO YOU ANTICIPATE INSTALLING DG/UX 5.4R3.10? \_\_\_\_\_

WOULD YOU BE INTERESTED IN RECEIVING THE NEWSLETTER IN CD-ROM FORMAT INSTEAD OF HARDCOPY FORMAT? Y(es)/N(o) \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

-----**(Fold along this line, staple to close, and add a stamp)**-----

**Data General Corporation  
Customer Support Center  
Newsletter Editor  
1626 Jeurgens Court  
Norcross, Georgia 30093  
USA**

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