



CUSTOMER NAME:
CONTACT:
PROJECT TITLE:
DATE TO BE DONE:
AUTHOR:
DATE SUBMITTED:

OVERVIEW –

UniVision installation for SVR4, Unixware 7 and Linux.

PRE-REQUISITES –

2 verified file-saves to be completed prior to upgrade.

EQUIPMENT LIST –

Old UniVision media (If applicable)

New UniVision media

NOTE: If you are re-loading a previous UniVision installation or upgrading UniVision where a re-installation is required then follow steps 3-8. For a first time UniVision installation follow the applicable sections.

DETAILS –

1. Ensure Customer has taken 2 verified file-saves.
2. Ensure all media is on site as per on site documentation media listing.
3. Ensure customer has shut down all Processes, including all Background Processes and that all processes are logged out and quit from UniVision. Use LISTPRO W to establish this, if any processes are still logged in they will be displayed, ask the customer to logoff and quit any processes displayed. If all processes are logged off then only the process that the

LISTPRO W is being executed from will be displayed. .

4. Login to root and remove UniVision by typing the following:

```
#pkgrm univision
```

when prompted to relink kernel enter **y**

Once the installation is complete reboot the machine by typing the following:

```
#shutdown -y -i6 -g0
```

- 4a. Make a note of the Univision installation path by performing the following from UCL.

```
>!pwd
```

This will produce an output similar to the following, this output is the home path for this Univision installation.

e.g. /unistore1/edp

5. Obtain a print of T-STATUS, in order to verify that the tape drive order is retained. To do this first use SP-ASSIGN to select an available printer then enter the following from UCL.

```
>T-STATUS (P
```

6. Ensure no prints are in progress. To do this enter the following from root:

```
#lpstat -o
```

If there are prints in progress they will be displayed.

```
e.g. # lpstat -o  
test1-58402 edp 184 May 19 10:47:36
```

Establish which printers are in progress, ensure they are printing and either wait for them to complete or with the customers permission cancel them by using the following command with the relevant print job request number:

```
e.g. #cancel test1-58402
```

Re-execute an `lpstat -o` to ensure all prints are now complete or cancelled.

7. Run latest MAININFO Script and print output from /tmp (systeminfo) To do this carry out the following:

Insert the TAR formatted diskette with the maininfo script, into the diskette drive on the server.

Log in as the root user and from the root prompt enter the following commands:

```
# mkdir systeminfo
```

```
# cd systeminfo
```

From within the new directory enter the following:

```
# tar -vtf /dev/rdisk/f0t
```

This will verify the TAR file located on the diskette

```
# tar -xvf /dev/rdisk/f0t
```

This will extract the contents of the diskette and then return to the root prompt.

At the root prompt enter:

```
a) # chmod 777 maininfo
```

```
b) # sh maininfo
```

The script has now been run and the resulting file created, which is located in /tmp, called **systeminfo.html**.

Rename the file and TAR it back to the diskette. Use the following commands to do so:

```
# cd /tmp
```

```
# mv systeminfo.html <customername>.html
```

Remove the original diskette and insert a blank diskette. Perform the following:

```
# tar -cvf /dev/rdisk/f0t <customername>.html
```

The maininfo is then printed and along with a copy on a diskette, this remains on-site.

9. Mount the UniVision CD. To do this enter the following from root once the CD is inserted into the CD drive.

```
#mount -F cdfs -o ro /dev/cdrom/cdrom1 /mnt (for SVR4 and  
Unixware 7)
```

```
#mount /mnt/cdrom (for Linux)
```

10. Install the new UniVision package, to do this enter the following from root:

```
#pkgadd -d /mnt/ncr univision (for svr4)
```

```
#pkgadd -d /mnt/sco univision (for unixware 7)
```

```
#rpm -i --force --prefix $home /mnt/cdrom/linux9/UniVisionxx (for linux)
```

(Where \$home is the UniVision installation path noted earlier in option 4 and xx is the version number of UniVision).

When prompted for installation path. Enter the UniVision home directory
e.g /unistore1/univ

(This was noted earlier in option 4 or will be provided in this plan).

When prompted:

Enter Unlock code:

Enter the number from the fourth line on the licencing information found on the UniVision CD case.

N to configure registry.

Y to re-link kernel.

Once complete reboot the machine using the following:

```
#shutdown -y -i6 -g0
```

Login to UV. (If prompted for install password, enter OBJECTWARE).

When prompted to set default flavour of UniVision select the flavour relevant to this installation.

When prompted for UniVision system setup, enter the Operating System relevant to this installation.

When prompted setup the tapes by inputting the relevant capitalised letter

relevant to the device type. The screen display will be similar to below, once a letter is entered the cursor will reposition at the next device, once all devices are entered input <esc> to [proceed].

LINUX Device Names Type Default B/S [Description] Page : 1 of 1

```
/dev/fd0H720          1.44MB Low Density (720K)
/dev/nst0             Tape "Wangdat Model 3400D"
```

Enter Device Type [Q]uarter Inch, [F]loppy, [H]alf Inch, [E]8mm, [D]at, d[L]t, [T]ravan, [C]dRmo, lt[O]

Press (space) to Delete, or (Esc) to Finish :

12. Check that the tape drive LTU numbers remain the same as before the upgrade. **(If applicable)**

To do this enter the following from UCL

>T-STATUS

This will display a similar listing to the following:

```
LTU Drive  ATT  Format
0 F0      HIGH DENSIT High Density (1.44M) /dev/fd0H1440
1 D0      "Wangdat Model 3400DX" /dev/nst0
2 FVT     Virtual Tape Drive  ./VTape01.vfd
3 FVT     (D3 Pick) Pseudo Tape ./VTape02.vtd
4 UVT     UniVision VTape    ./UVTape00
AUTOSAVE UVT     UniVision VTape    ./UVTape00
```

Compare this to the T-STATUS listing obtained earlier.

If they are different change back to the original order using the following command:

> SET-TAPE <device number> <LTU number>

e.g. **>SET-TAPE 4, F0**

Execute this command as many times as is required to get the tape drives in the correct order.

N.B. It may be necessary to move a tape drive to a non-existent LTU number in order to complete the task.

13. Check the emulation settings by performing the following from UCL:
>DEFINE-CURSOR

This will display something similar to the following:

UniVision System Terminal Cross Reference Utility

A maximum of 52 terminal types are allowed & those selected are shown below.

The terminal name must follow the system conventions for "terminfo" device names & exist in the "/usr/share/terminfo/" directory.

A:at386	N:nutc	a:AT386	n:nutc
B:at386-m	O:	b:AT386-M	o:
C:at386-ie	P:hp2621a	c:AT386-ie	p:via-prism
D:dterm	Q:uvwys50	d:via-cifer	q:via-qume
E:dtterm	R:	e:via-esprit	r:via-regent
F:	S:ansi	f:	s:ANSI
G:	T:tec	g:	t:
H:	U:viewpoint	h:hft	u:
I:UVibmpc	V:viewpoint5	i:ibm3151	v:viewpoint132
J:UVvt100	W:viewpoint132	j:vt100	w:via-wyse60
K:linux	X:wyse160	k:vt200	x:
L:ift	Y:	l:via-vt52	y:
M:ampex	Z:xterm	m:	z:

Enter the Terminal Cross Reference Letter if changes required or 0 to exit.

Enter Selection (A-Z, a-z, 0) :-

Compare the letters and terminal definitions to those recorded in the termxref listing obtained in the MAININFO. **(if applicable)**

If there are differences then amend to the original settings by carrying out the following for the relevant cross reference letters. **(if applicable)**.

N.B. The letter m is used in the following example

Enter Selection (A-Z, a-z, 0) :

You are about to change the Cross Reference Name for Letter "m".

Is this correct? (Y/N) :- **y**

Enter the Terminal Name (14 characters max or # to delete it) :- viewpoint

You are changing the Cross Reference Name for Letter "m" to "viewpoint".

Is this correct? (Y/N) :- y

The "termxref" file has been successfully changed.

Press any key to return to the menu.

14. Set the Initial Term Settings to the required emulation type. To do this first decide which cross reference letter should be used. Then carry out the following from UCL:

>!UVsetup

The following menu will be displayed:

UniVision SETUP MENU

- (0) Exit
- (1) Initial Parameter File Build
- (2) Maintain Process Records
- (3) Maintain Terminal Cross References
- (4) Maintain Device Name Specifications
- (5) Maintain Printer Records
- (6) Maintain Initial TERM Settings
- (7) Control Sub Menu
- (8) Display Process Status
- (9) Check For Unrelated UV's & SS's
- (10) Maintain Process Size Limits
- (11) Maintain Default Alternate Break Key Value
- (12) Maintain External Spool File
- (13) Maintain UniVision Network Parameters
- (14) Maintain COM Port Parameters File (NT only)
- (15) Maintain Timeout Parameters

Enter required option number :-

Take the following option:

Enter required option number :- 6

This will display the following menu:

List of initial default TERM settings:

<1> Screen Width:79
<2> Page Width:132
<3> Screen Depth:24
<4> Page Depth:60
<5> Line Skip:0
<6> LF Delay:1
<7> FF Delay:5
<8> Backspace:8
<9> Term Type:V

(E)xit (M)odify (S)how file :-

If the Term Type in line 9 is incorrect then amend by typing the following:

(E)xit (M)odify (S)how file :- m

Enter <line> number of setting to modify :- 9

Enter new setting :- **(Enter required cross reference letter)**

Once this has changed take the exit options until back at UCL

14. Licence UniVision by carrying out the following from UCL:

>!Authorize

This will display a screen similar to the following:

Authorisation codes:-

<1> 148444-2067-7000
<2> EDP Support
<3> 116-1A87
<4> 703-2166-694-2166520
<5> 101301
<6> 989632
<7>

<8>

Enter 'M' to modify or 'E' to exit:

Enter the licence information exactly as it appears on the Univision CD case.

To do this enter the following:

Enter 'M' to modify or 'E' to exit: **M**

Enter line to modified: **<input line to be modified>**

Enter code: **<input relevant licence code>**

Repeat this procedure until all the licencing information is entered as per the Univision CD case.

15. Ensure MAXUSERS is set correctly by typing the following from UCL:

>MAXUSERS 5000

[9218] Maximum number of users is now : 101

This will set UniVision for the maximum permitted user licences for this installation. (In the above example 101). Check with the customer that sufficient licences are available.

16. Type the following on the system console from UCL to access the Univision administrator menu:

>:QUIT

The following menu will be displayed:

```
Univision Setup
Univision admin tools
Univision tape utilities
Enter Univision
Exit
```

Use the cursor keys to highlight the UniVision setup option type <cr> to access the Univision setup menu:

The following menu will be displayed:

UniVision SETUP MENU

- (0) Exit
- (1) Initial Parameter File Build
- (2) Maintain Process Records
- (3) Maintain Terminal Cross References
- (4) Maintain Device Name Specifications
- (5) Maintain Printer Records
- (6) Maintain Initial TERM Settings
- (7) Control Sub Menu
- (8) Display Process Status
- (9) Check For Unrelated UV's & SS's
- (10) Maintain Process Size Limits
- (11) Maintain Default Alternate Break Key Value
- (12) Maintain External Spool File
- (13) Maintain UniVision Network Parameters
- (14) Maintain COM Port Parameters File (NT only)
- (15) Maintain Timeout Parameters

Enter required option number :-

Take the following option to access the Process size limits options:

Enter required option number :-**10**

The following will be displayed:

```
*****  
WARNING: THE "univision/admin/default_process_size" FILE MUST ONLY  
BE CHANGED WHEN UniVision IS NOT IN USE!  
*****
```

Do you wish to continue? (Y/N):

Enter the following to proceed:

Do you wish to continue? (Y/N):**Y**

The process size limits parameters will now be displayed. This parameter specifies the maximum number of processes Univision will allow. Check the settings displayed against the original process size limits recorded earlier by the MAININFO(if **applicable**). Otherwise ensure it is set high enough for the installations requirements.

Process Size Limits:

<1> NormalProcessSize:700
<2> PrintersStartLine:0

Please wait while line quantities are checked ...
Line quantities OK.

(E)xit (M)odify (S)how file :-

If the settings are lower than previously or not high enough, then alter by carrying out the following:

(E)xit (M)odify (S)how file :-**M**

Enter <line> number of setting to modify :- **<Enter line to modify>**
Enter new setting :- **<Enter new setting>**

Repeat these steps if more than one setting needs to be amended.

On completion the Univision setup menu will again be displayed:

17. Add printers to UniVision

To do this carry out the following:

UniVision SETUP MENU

- (0) Exit
- (1) Initial Parameter File Build
- (2) Maintain Process Records
- (3) Maintain Terminal Cross References
- (4) Maintain Device Name Specifications
- (5) Maintain Printer Records
- (6) Maintain Initial TERM Settings

- (7) Control Sub Menu
- (8) Display Process Status
- (9) Check For Unrelated UV's & SS's
- (10) Maintain Process Size Limits
- (11) Maintain Default Alternate Break Key Value
- (12) Maintain External Spool File
- (13) Maintain UniVision Network Parameters
- (14) Maintain COM Port Parameters File (NT only)
- (15) Maintain Timeout Parameters

Enter required option number :-**5**

The following menu will be displayed:

```

----- PRINTER INFORMATION -----
Syst Name      Number Form-Queues Type Status          Syst driver

```

WARNING: Delete & Add options MUST BE USED WITH CARE as UniVision is in use.

(E)xit (D)elete (A)dd (G)oto (N)ext Screen :

To add a printer carry out the following:

(E)xit (D)elete (A)dd (G)oto (N)ext Screen :**a**

Enter the printer name to add (ESC = exit):- **<Enter unix printer name>**

Do you want to use the first available unused process (default) or a specific unused process? (f/s):-**<Enter f for fixed or s for specific>**

Enter the required process number (ESC = exit):-**<Enter the UniVision Process number required>**

The following message will be displayed:

Your new printer has been added to UniVision as Printer No <process number>

Press any key to continue.

Repeat the above steps to add further printers.

17. Now perform an Initial File Parameter Rebuild to do this carry out the

following:

UniVision SETUP MENU

- (0) Exit
- (1) Initial Parameter File Build
- (2) Maintain Process Records
- (3) Maintain Terminal Cross References
- (4) Maintain Device Name Specifications
- (5) Maintain Printer Records
- (6) Maintain Initial TERM Settings
- (7) Control Sub Menu
- (8) Display Process Status
- (9) Check For Unrelated UV's & SS's
- (10) Maintain Process Size Limits
- (11) Maintain Default Alternate Break Key Value
- (12) Maintain External Spool File
- (13) Maintain UniVision Network Parameters
- (14) Maintain COM Port Parameters File (NT only)
- (15) Maintain Timeout Parameters

Enter required option number :- 1

This is the Initial Configuration routine to setup UniVision.

Do NOT use this option if you only want to reset a process as it will erase and re-build the following Parameter Files :-

- Printers
- Lines
- Processes

The above files are built using the current information from :-

- Terminal Cross References
- Device Name Specifications
- Initial TERM Settings

You must ensure that they are correct for your requirements by using the relevant option in the main menu.

***** NOTE ***** Environment variable "UV_PORT_0" is not set

& so "/dev/console" will be used for Line zero, or do you want to use an alternative device? (y/n):-<n>

Device "/dev/console" will be used for Line zero.

Do you wish to continue with the build ? (y/n) :- <y>

Please wait

Please wait while line quantities are checked ...

***** NOTE ***** The number of local lines available on the system (31) is greater than the local lines in the UniVision files (8).

Suggestion: change the Device Name Specifications and/or the NormalProcessSize limit & rebuild the parameter files if more local lines are required within UniVision.

It will also reset the Spooler Control File and delete Spooled Files.

Do you wish to continue with the reset ? (y/n) :-<y>

It will also delete the Account-based AUTO-LOGOFF settings.

Do you wish to continue with the deletion ? (y/n) :-<y>

The screen will be returned to the Univision setup menu.

Log back into UniVision and ensure printers are added onto the correct processes.

Then from UCL start the printers by executing the following from UCL:

```
>STARTPTR <ptr no>, <forms queue no>, <page skip>, <process number>
```

i.e. > STARTPTR 1,1,0,S20

Repeat this for all printers that need to be added.

17. Build UniVision Store

To do this enter the following from UCL:

```
>:INIT-DISK
```

A menu similar to the following will be displayed:

UniVision Disk Administrator. Page : 1 of 1

Unix Filing System :- Total Available = 30983.19
Used Disk = 13504.53
Free Disk = 17478.66

Total UniVision Disk Space : 6527 Megs

ID	Unix Filing System	Total Disk	Used By		Available To	
			Free Disk	UniVision	UniVision	UniVision
1 /		300	75	0	45	
2 /usr		300	126	0	96	
3 /unistore1/edp		8683	1569	0	1400	
4 /charisma1		15000	10573	0	9073	
5 /uvdev		2500	2416	0	2166	

Enter Required Number of megabytes :

To add store carry out the following:

Enter Required Number of megabytes : **<Enter required number of MB>**

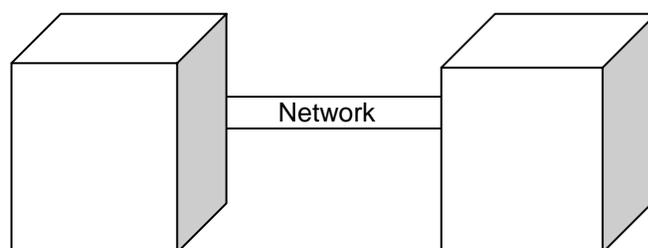
Enter ID Number of Unix Filing System : **<Enter relevant ID number of UniVision file-system>**.

Note: Ensure 20% of total disk is left as free disk.

The screen will now appear to hang whilst the store is built. Once complete the screen will be returned to UCL.

18. If the customer requires remote links then carry out the following:

REMOTE UNVISION LINKS



LOCAL

REMOTE

CREATING A LISTENER PROCESS ON THE REMOTE SYSTEM

The first task is to create a UVListen process on the remote machine, this process will run in the back ground on the remote system waiting for a login session on the UniVision port (normally 2820).

The first thing to do is to login into UniVision on the remote machine and then enter the UVsetup menu. Upon entering the UVsetup menu you may receive a warning stating that there appears to be users in UniVision, enter Y to proceed to the menu.

\$ UVsetup

Please wait

There appears to be 1 process(es) still logged-on to UniVision.

Do you still want to enter UVsetup? (y/n) :- y

Please wait

Once you have the setup menu in front of you select option "13", Maintain Local/Remote UniVision Names.

UniVision SETUP MENU

- (0) Exit**
- (1) Initial Parameter File Build**
- (2) Maintain Process Records**
- (3) Maintain Terminal Cross References**
- (4) Maintain Device Name Specifications**
- (5) Maintain Printer Records**
- (6) Maintain Initial TERM Settings**
- (7) Control Sub Menu**
- (8) Display Process Status**
- (9) Check For Unrelated UV's & SS's**
- (10) Maintain Process Size Limits**
- (11) Maintain Default Alternate Break Key Value**
- (12) Maintain External Spool File**
- (13) Maintain Local/Remote UniVision Names**
- (14) Maintain COM Port Parameters File (NT only)**
- (15) Maintain Timeout Parameters**

Enter required option number :- 13

From the Maintain Local/Remote UniVision Names menu select "u" for UVRegistry.

Maintain Local/Remote UniVision Names

----- Maintain -----
(E)xit (I)dentify Name (R)emote Names (U)VRegistry :- u

Now select "S" for UVServiceRegistry. (*Extra option in UniVision 8.0.10*)

Maintain "UV(S)erviceRegistry" or "UV(C)lientRegistry"? (S/C) :-

If this is the first time that a UVRegistry has been created then the system will report that the registry file is empty and will then prompt you to select "a" to add.

The registry file is empty or does not exist.

(E)xit (A)dd :- a

For the Alias Name enter the UniVision user login on the remote system which in the example is "univ".

Enter a unique Program Alias Name (ESC to exit):- univ

For the Program path and name enter the UniVision home path on the remote system followed by /univision/bin/UVS.sh, which is "/unistore1/univ/univision/bin/UVS.sh" in the example.

**Enter the Program Path & Name (ESC to exit):-
/unistore1/univ/univision/bin/UVS.sh**

For the working directory enter the UniVision home path which is "/unistore1/univ" in the example.

Enter the Working Directory (ESC to exit):- /unistore1/univ

For the Program parameters just enter a <cr>.

Enter any Program Parameters:-

For the user name enter the UniVision user name for the remote system which in the example is "univ".

Enter the User Name (ESC to exit):- univ

The server should be set to active so enter a "y".

Is the Server to be set Active (Y/N) (ESC to exit):- y

As it read's an optional comment is optional so just enter a <cr>.

Enter an optional Comment:-

You will now be prompted to enter the UniVision password for the remote system, enter this if there is one otherwise just enter a <cr>.

**Enter the User's Password (ESC to exit):-
Re-Enter the User's Password (ESC to exit):-**

The UVRegistry process is now complete, enter any key to continue.

Press any key to continue.

This time the registry file is displayed in the menu, select "e" to exit.

The Program Alias Names & Working Directories in the registry file are:

univ /unistore1/univ

(E)xit (D)elete (M)odify (S)how (A)dd :- e

On completing the UVRegistry a check is made to see if there is a univision entry in the /etc/inet/services file, if there is not entry then enter a "y" to create one.

**"univision" does not exist in
"/etc/inet/services"
for "tcp" protocol.**

Do you want to add to the file now? (Y/N):- y

The standard tcp port is 2820 which should be used unless this port is in use by another application, select "y" use the standard tcp port and it will error if it is in use.

Do you want to use the standard "tcp" port number of "2820"? (Y/N):- y

There is no real need to create an alias at this point so select "n" to say no.

Do you also want to add aliases? (Y/N):- n

You will now be prompted to update the /etc/inet/services file enter "y" to accept.

OK to add

"univision 2820/tcp "

to the "/etc/inet/services" file? (Y/N):- y

UniVision will be added to the /etc/inet/services, hit any key to continue.

"univision" added to "/etc/inet/services".

Press any key to continue.

This complete's the configuration on the remote system, select "e" to exit at the Maintain Local/Remote UniVision Names menu.

Maintain Local/Remote UniVision Names

----- Maintain -----
(E)xit (I)dentify Name (R)emote Names (U)VRRegistry :-

From the UniVision setup menu select "0" to exit.

UniVision SETUP MENU

-
- (0) Exit
 - (1) Initial Parameter File Build
 - (2) Maintain Process Records
 - (3) Maintain Terminal Cross References
 - (4) Maintain Device Name Specifications
 - (5) Maintain Printer Records
 - (6) Maintain Initial TERM Settings
 - (7) Control Sub Menu
 - (8) Display Process Status
 - (9) Check For Unrelated UV's & SS's
 - (10) Maintain Process Size Limits
 - (11) Maintain Default Alternate Break Key Value
 - (12) Maintain External Spool File
 - (13) Maintain Local/Remote UniVision Names
 - (14) Maintain COM Port Parameters File (NT only)
 - (15) Maintain Timeout Parameters

Enter required option number :- 0

With you configuration in place all that is left to do is to start the UniVision listener process by entering "UVListen -l" at the UniVision shell prompt.

```
$ UVListen -l
UVListen -l: 'UVListenerd' launched
$ UVsetup
```

Please wait

CREATING A REMOTE LINK ON THE LOCAL MACHINE

The first thing to do is to login into UniVision on the local machine and then

enter the UVsetup menu. Upon entering the UVsetup menu you may receive a warning stating that there appears to be users in UniVision, enter "y" to proceed to the menu.

There appears to be 1 process(es) still logged-on to UniVision.

Do you still want to enter UVsetup? (y/n) :- y

Please wait

Once you have the setup menu in front of you select option "13", Maintain Local/Remote UniVision Names.

UniVision SETUP MENU

-
- (0) Exit**
 - (1) Initial Parameter File Build**
 - (2) Maintain Process Records**
 - (3) Maintain Terminal Cross References**
 - (4) Maintain Device Name Specifications**
 - (5) Maintain Printer Records**
 - (6) Maintain Initial TERM Settings**
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 - (11) Maintain Default Alternate Break Key Value**
 - (12) Maintain External Spool File**
 - (13) Maintain Local/Remote UniVision Names**
 - (14) Maintain COM Port Parameters File (NT only)**
 - (15) Maintain Timeout Parameters**

Enter required option number :- 13

From the Maintain Local/Remote UniVision Names menu select "r" for Remote Names.

Maintain Local/Remote UniVision Names

----- **Maintain** -----
(E)xit (l)dentify Name (R)emote Names (U)VRRegistry :- r

The system will now display the default entries for the local system, select "a" to add a new entry.

The format for the "univision/admin/remote_univision_names" file is:

**ConnectionAliasName;ProgramAliasName@SystemHostName;Optional
Comment**

The entries are:

**<1> UNIV;UniV@localhost;
<2> UVLocal;UniV@localhost;**

(E)xit (D)elete (A)dd :- a

The Connection Alias Name is a can be anything as this is what you are going to call your link, in the example I have called it "univbox1".

Enter the Connection Alias Name (ESC to exit):- univbox1

The Program Alias Name is the login for UniVision on the remote system, which in the example is "univ".

Enter the Program Alias Name (ESC to exit):- univ

The system name is the name that is in or is to be entered into the /etc/hosts file, in the example I have used "os4".

Enter the System Host Name (ESC to exit):- os4

As it read's an optional comment is optional so just enter a <cr>.

Enter an optional Comment:-

The program will now check the entries in the /etc/hosts file and then prompt for a new entry added or confirmed, select "c" for correct.

Please wait while the database is checked ...

**There is an entry for "os4" in
"/etc/inet/hosts" as follows:**

128.2.0.4 os4

Is this file entry correct or do you want to delete it? (C/D):- c

The host file will now be updated, hit any key to continue.

Press any key to continue.

The remote entries will be listed again, this time with the addition of the new entry to the remote system. With your configuration complete select "e" to exit.

The format for the "univision/admin/remote_univision_names" file is:

**ConnectionAliasName;ProgramAliasName@SystemHostName;Optional
Comment**

The entries are:

<1> UNIV;UniV@localhost;
<2> UVLocal;UniV@localhost;
<3> univbox1;univ@os4;

(E)xit (D)elete (A)dd :- e

This complete's the configuration on the local system, select "e" to exit at the Maintain Local/Remote UniVision Names menu.

Maintain Local/Remote UniVision Names

----- Maintain -----
(E)xit (I)dentify Name (R)emote Names (U)VRegistry :- e

From the UniVision setup menu select "0" to exit.

UniVision SETUP MENU

-
- (0) Exit
 - (1) Initial Parameter File Build
 - (2) Maintain Process Records
 - (3) Maintain Terminal Cross References
 - (4) Maintain Device Name Specifications
 - (5) Maintain Printer Records
 - (6) Maintain Initial TERM Settings
 - (7) Control Sub Menu
 - (8) Display Process Status
 - (9) Check For Unrelated UV's & SS's
 - (10) Maintain Process Size Limits
 - (11) Maintain Default Alternate Break Key Value
 - (12) Maintain External Spool File
 - (13) Maintain Local/Remote UniVision Names
 - (14) Maintain COM Port Parameters File (NT only)
 - (15) Maintain Timeout Parameters

Enter required option number :- 0

TESTING THE REMOTE LINK

To test that you link works logon to your local system and edit a new "MD" item called "TEST". Insert a "Q" in line 1 to denote a q pointer, in line 2 you need to enter the Account name on the remote system for example "COMMS", followed by the "@" symbol, followed by the name of the remote link, which in the example was "univbox1". Line 3 is the name of the file on the remote system in the example I have used "MD".

```

>ED MD TEST
NEW ITEM
TOP
.I
001+Q
002+COMMS@univbox1
003+MD
004+
TOP
.FI
'TEST' filed.

```

Now we have a TEST file in place, LIST the file, if the file list without any errors then your configuration is successful, if your LIST errors with “file not found” then you need to check your configuration.

```
>LIST TEST
```

```

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TEST..... 1..... AMC..... S/NAME.... STRUCT

BLOCK-CONVERT          Q    BLOCK-CONV
T-ERASE                P    73
80                     P    E6
DISABLE                P    E6
V/TYP                  A    09    TP
CM.CHECK.LINE          P    E6
VIAODBC16              P    E6
:ITB                   PQ   [UVPROCS N
                        A]
VTW.GET.TEXT           P    E6
GUI.UVSPool1           P    E6
CONVERSE                P    212
SUBX                    P    17
CREATE-BFILE           PC    26
ENABLE-DELETE-TRIGGER PD    2    7C
PCCTRL.PROG            P    E6
KERMIT                  P    E6
STD.DEFS                P    E6
*A2                     A    02    *A2
>

```

TROUBLE SHOOTING REMOTE LINKS

Set permission on the /etc/UVServiceRegistry to -rw-rw-rw.

Once this is complete return to the UniVision setup menu and take the following option to return to the login prompt: 11. Once at LOGON, Logon as Sysprog and choose the UPGRADE ACCOUNTS option from the SYSPROG menu.

(Option 4).

Enter ALL for all accounts.

Enter NO to recompile

Enter YES to continue with list.

Once complete exit the menu and access UCL.

18. Ask the customer to restore their data into UniVision, to do this carry out the following from UCL in SYSPROG:

>T-SELECT <LTU NO>

>T-ONLINE

>:FILELOAD

19. Ask customer to test application and printer functionality.
20. Change the UniVision password back to the original setting using the instructions outlined in step 4.**(if applicable)**
21. Perform another MAININFO using the instructions in point 7, send a copy to custinfo@edp.fastfreenet.com.