

Setting up UMD/ASV under NT4.0

- Edit the `c:\winnt\system32\drivers\etc\services` file, adding the following lines. These are the port numbers, specified in the client assignment file, to use the corresponding services

```
polyserver 12000/tcp # Polyserver for Uniface v7.2 (if used)
umd        13013/tcp  # UMD for Uniface v7.2
uns        14014/tcp  # UNS for Uniface v7.2 (if used)
```

- Create new local domain group on server, *7.2 Uniface Servers*
- Assign the following (advanced) User Policy Rights this group:

- ⇒ Access this computer from network
- ⇒ Act as part of the operating system
- ⇒ Create a token object
- ⇒ Increase quotas
- ⇒ Increase scheduling priority
- ⇒ Log on as a batch job
- ⇒ Log on as a service
- ⇒ Replace a process level token
- ⇒ Restore files and directories
- ⇒ Take ownership of files or other objects

- Add local domain users who will access the ASV to the *7.2 Uniface Servers* group
- Perform at least one interactive logon to the server for each user specified in the *7.2 Uniface Servers* group
- Create a new subdirectory in the Uniface installation directory, *e:\usys72\umd*
- For Windows NT security permissions, give the *7.2 Uniface Servers* group full control over the *e:\usys72\umd* directory
- Create user subdirectory *e:\usys72\umd\users*
- For every username that will access the ASV, create a corresponding directory in the *e:\usys72\umd\user* subdirectory
- In the *e:\usys72\umd* directory, create *umd72.ini* file. Refer to the user subdirectory created above and the local domain name, and the application server UST and assignment file to use. (Here the UST is **ASV** which is specified in the client assignment file)

```
; ***
; *** umd72.ini
; ***
```

```
UserDir           = E:\usys72\umd\users
DomainName        = SERVER1
UMDVisibleDesktop = 0
RunInConsoleAccount = No
```

```
ASV = e:\usys72\bin\asv.exe /asn=e:\usys72\umd\umd72.asn ust=ASV
```

- In the `e:\usys72\umd` directory, create `umd72.asn` file. This is the assignment file used by the application server, as specified in the `ini` file. This assignment file must provide access, at least, to the database, service and report compiled components and `urr` descriptor file

```

;***
;*** Server ASN File
;***

[SETTINGS]
$LANGUAGE                USA
$ENHANCED_EDIT           all
$search_OBJECT           file_only
$search_DESCRIPTOR       file_only
$PUTMESS_LOGFILE        e:\usys72\umd\asv.log

[PATHS]
$ORA                     ORA:database|username|password

$IDF                     $ORA
$SYS                     $ORA
$UUU                     $ORA
$DEF                     $ORA

[FILES]
usys:*.dol               e:\usys72\usys\*.dol
usys:*.urr               e:\usys72\usys\*.urr

*.svc                    e:\usys72\exams\exmd\componen\*.svc
*.rpt                    e:\usys72\exams\exmd\componen\*.rpt

[ENTITIES]

[SERVICES_EXEC]

[REPORTS_EXEC]

[WIDGETS]

[LOGICALS]

[DRIVER_SETTINGS]

```

- Shortcuts are created in the `e:\usys72\umd` directory to start and stop the Uniface Message Daemon (UMD). The UMD can only be started from the server, however, it may be shut down from either the server or the client

```

⇒ Start UMD: E:\usys72\bin\umd.exe
              /out=e:\usys72\umd\umd72.log
              /ini=e:\usys72\umd\umd72.ini
              tcp:

```

```

⇒ Stop UMD:  E:\USYS72\bin\pdmon.exe /cmd=stop /dmn=umd /hst=icant4

```

- The UMD must be running before any services can be directed to the server for execution. The UMD should be started an Administrator on the server, who must then remain logged on. If this administrator logs off, the UMD process will be killed. (Unless you can find a way to install the UMD as a service under NT!)

- Access to the asynchronous application server defined in the server's *e:\usys72\umd\umd72.ini* file is via a path, specified in the client assignment file, using the UST. The username and password are as used to access the server itself.

[PATHS]

\$ASYNC_ASV TCP:server+portno|user|password|ust

[SERVICES_EXEC]

* \$ASYNC_ASV:*