

IMAXSOFT Products Installation:

How to install from downloaded files?

How to install from tapes?

IMAXSOFT product directories summary.

How to check license key?

How to extend license key?

How to install from downloaded files?

A. IMAXSOFT OPENTURBO package contains 5 pieces:

IMAXSOFT account: HP e3000 OPENTURBO CORE
DOOR account: HP e3000 OPENTURBO DOOR
LEETECH account: HP e3000 OPENTURBO AIM
HPUX: HP-UX OPENTURBO CORE
DBAQuery: DBAQuery for Windows
Manual: Manuals for all products

B. Installing on HP e3000 MPE/iX 6.5:

Please request for DAT tape media and following the steps in **Installing from Tapes**.

C. Installing on HP e3000 MPE/iX 7.0 or 7.5:

Installing OPENTURBO Core (IMAXSOFT account):

1. Log on as system manager:
:HELLO MANAGER.SYS
2. Transfer downloaded file OTDISC to HP3000 via Reflection File Transfer function with 'LABELS' Transfer Type.
3. Restore files from OTDISC:
:FILE T=OTDISC;DEV=DISC
:RESTORE *T;@.@@;CREATE;SHOW=SHORT
4. After RESTORE, execute the command file:
:INSTALL.PUB.IMAXSOFT

This command sets proper security for account and groups:

1. Account access security required:
(R,X:ANY;W,A,L:AC)
2. Account capability required:
AM,AL,GL,ND,SF,BA,IA,MR,DS,PH,PM
3. PUB group access security required:
(R,X:ANY;W,A,L,S:AC)
4. PUB group capability required:
BA,IA,MR,DS,PH,PM

Installing OPENTURBO DOOR (DOOR account):

1. Log on as system manager:
:HELLO MANAGER.SYS
2. Transfer downloaded file OTDISC to HP3000 via Reflection File Transfer function with 'LABELS' Transfer Type.
3. Restore files from OTDISC:
:FILE T=DOORDISC;DEV=DISC
:RESTORE *T;@.@@;CREATE;SHOW=SHORT
5. After RESTORE, execute the command file:
:DOORINST.PUB.DOOR

This command sets proper security for account and groups:

1. Account access security required:
(R,X:ANY;W,A,L:AC)

2. Account capability required:
AM,AL,GL,ND,SF,BA,IA,MR,DS,PH,PM
3. PUB group access security required:
(R,X:ANY;W,A,L,S:AC)
4. PUB group capability required:
BA,IA,MR,DS,PH,PM

If you plan to initiate DOOR's interceptor and shooter processes outside the DOOR account, then you must set:

```
DOOR account:      ACCESS=(R,X,W,A,L:ANY)
CONFIG.DOOR group: ACCESS=(R,X,W,A,L,S:ANY)
```

Installing OPENTURBO AIM (LEETECH account):

1. Log on as system manager:
:HELLO MANAGER.SYS
2. Transfer downloaded file OTDISC to HP3000 via Reflection File Transfer function with 'LABELS' Transfer Type.
3. Restore files from OTDISC:
:FILE T=AIMDISC;DEV=DISC
:RESTORE *T;@.@@;CREATE;SHOW=SHORT
4. After RESTORE, execute the command file:
:AIMINST.PUB.LEETECH

This command sets proper security for account and groups:

1. Account access security required:
(R,X:ANY;W,A,L:AC)
2. Account capability required:
AM,AL,GL,ND,SF,BA,IA,MR,DS,PH,PM
3. PUB group access security required:
(R,X:ANY;W,A,L,S:AC)
4. PUB group capability required:
BA,IA,MR,DS,PH,PM

Standard requirements for LEETECH, IMAXSOFT and DOOR accounts:

1. Account access security required:
(R,X:ANY;W,A,L:AC)
2. Account capability required:
AM,AL,GL,ND,SF,BA,IA,MR,DS,PH,PM
3. PUB group access security required:
(R,X:ANY;W,A,L,S:AC)
4. PUB group capability required:
BA,IA,MR,DS,PH,PM

D. Installing on HP9000 HP-UX:

1. "Root" authority is necessary to restore the server files with correct attributes.
2. Use FTP BINARY transfer file otdisc.tar to root directory
'/tmp'
3. Issue command,

```
swinstall -s /tmp/otb.depot OPENTURBO      for ORACLE
swinstall -s /tmp/otbelo.depot OPENTURBO   for Eloquence
swinstall -s /tmp/otbdb2.depot OPENTURBO   for DB2
```

Special Instructions:

Extra step for installing ELOQUENCE OPENTURBO and DOOR:

You need to be sure that the library libelo3k.sl is point to the proper Eloquence IMAGE library:

The default symbolic link for libelo3k.sl is:

```
$cd /opt/imaxsoft/openturbo3.2/eloquence/lib
$ll libelo3k.sl
lrwxrwxr-x  1 root      sys          41 Jan 23 11:39
libelo3k.sl -> /opt/eloquence6/lib/pa11_32/libimage3k.sl
```

If the default link points to incorrect file, use following command to reset the symbolic link for pointing to Eloquence IMAGE library that is installed on your system:

```
$cd /opt/imaxsoft/openturbo3.2/eloquence/lib
$rm libelo3k.sl
$ln -s /opt/eloquence6/lib/pa20_32/libimage3k.sl libelo3k.sl
```

How to install from tapes?

A. IMAXSOFT OPENTURBO package contains 5 pieces:

IMAXSOFT account: HP e3000 OPENTURBO CORE (Tape 1)
DOOR account: HP e3000 OPENTURBO DOOR (Tape 2)
LEETECH account: HP e3000 OPENTURBO AIM (Tape 3)
HPUX: HP-UX OPENTURBO CORE (Tape 4)
DBAQuery and Manual: DBAQueru and Documentation (CD)

B. Installing on HP e3000 MPE/iX:

Installing OPENTURBO Core (Tape 1):

1. Log on as system manager:
:HELLO MANAGER.SYS
2. Restore the TAPE 1 as follows:
:File T;Dev=Dat or Device Number
:Restore *T;@.@.IMAXSOFT;CREATE
3. After the tape has been restored, execute the command file to set proper access security and permissions for IMAXSOFT account and its groups:
:INSTALL.PUB.IMAXSOFT

Installing OPENTURBO DOOR (Tape 2):

1. Log on as system manager:
:HELLO MANAGER.SYS
2. Restore the TAPE 2 as follows:
:File T;Dev=Dat or Device Number
:Restore *T;@.@.DOOR;CREATE
3. After the tape has been restored, execute the command file to set proper access security and permissions for IMAXSOFT account and its groups:
:DOORINST.PUB.DOOR

If you plan to initiate DOOR's interceptor and shooter processes outside the DOOR account, then you must set:

DOOR account: ACCESS=(R,X,W,A,L:ANY)
CONFIG.DOOR group: ACCESS=(R,X,W,A,L,S:ANY)

Installing OPENTURBO AIM (Tape 3):

1. Log on as system manager:
:HELLO MANAGER.SYS
2. Restore the TAPE 3 as follows:
:File T;Dev=Dat or Device Number
:Restore *T;@.@.LEETECH;CREATE
3. After the tape has been restored, execute the command file to set proper access security and permissions for IMAXSOFT account and its groups:
:LTINST.PUB.LEETECH

Standard requirements for LEETECH, IMAXSOFT and DOOR accounts:

1. Account access security required:
(R,X:ANY;W,A,L:AC)
2. Account capability required:
AM,AL,GL,ND,SF,BA,IA,MR,DS,PH,PM

3. PUB group access security required:
(R,X:ANY;W,A,L,S:AC)
4. PUB group capability required:
BA,IA,MR,DS,PH,PM

C. Installing on HP9000 HP-UX (Tape 4):

```
swinstall -s /tmp/otb.depot OPENTURBO
```

D. Installing DBAQuery on Windows and Manuals (CD):

1. Insert OPENTURBO CD into the CD drive for installation.
2. Open folder /DBAQuery.
3. Auto-run will automatically begin installation or click on SETUP.EXE command and follow the directions on the screen.

IMAXSOFT Product Directories Summary:

HP3000 Account and Group Structure for OPENTURBO:

- 1) LEETECH account and its groups,
 - PUB: AIM Middleware and utilities
- 2) DOOR account and its groups,
 - PUB: DOOR utilities
 - CONFIG: must allow (R,W,A,L,S,X:ANY) and cross account access, contains execution control and working files
 - LOG: must allow (R,W,A,L,S,X:ANY) and cross account access, contains execution logfiles
- 3) IMAXSOFT account and its groups,
 - A: OPENTURBO libraries
 - BIN: OPENTURBO utilities
 - PUB: OPENTURBO libraries and utilities
 - CONFIG: CONFIG template files

 - OTSCRIPT: ORACLE or DB2 loader script files
 - OTDATA: TurboIMAGE unload data files
 - OTSCHEMA: ORACLE or DB2 schema files
 - OTCMD: OPENTURBO scripts for unload
 - OTWORK: Working temp group 1
 - OTCOPY: Working temp group 2
 - OTEXCEPT: Working temp group 3 (AMISYS only)

 - OTLOG: Working temp group 4 (Transaction logging)
 - UNDO: Working temp group 5 (Transaction undo-log)

 - TI: Working temp group 6
 - TIDATA: Working temp group 7

 - ORACLE: Control files for OPENTURBO for ORACLE emulator and unload utilities
 - DB2: Control files for OPENTURBO for DB2 emulator and unload utilities
 - ELOQ: Control files for OPENTURBO for ELOQUENCE emulator and unload utilities
 - COBCNTL: Control files for COBOLII profiler
 - CACHE: For storing OPENTURBO ELOQUENCE bulk cache recovery logs

HP9000 Depot Installation and Directories for OPENTURBO:

- 1) Login root to install,
 - swinstall -s /tmp/otb.depot OPENTURBO
- swinstall is used to install OPENTURBO, the -s is used to specify location of the source depot.
- swlist is used to verify the version number and release date and time of installed OPENTURBO product.
- OPENTURBO is the product name embedded in the otb.depot, it must be entered as it.

- 2) Login root to uninstall,

```
swremove OPENTURBO
```

The swremove removes OPENTURBO from your system, but the structure of directory is remained, you need to use "rm -r /opt/imaxsoft/openturbo3.2" to remote it.

- 3) /opt/imaxsoft/ directory contains following sub-directories:

```
./openturbo3.2/ for A.03.02
./etc/          for CNTLOT, CNTLCSF, etc. control files
./bin/          otupgrad, otvalida
```

- 4) /opt/imaxsoft/openturno3.2/oracle directory contains following sub-directories:

```
./DATABASE/    for demo database music and sample scripts
./admin/       sqlplus scripts for tuning and system views
./bin/         utilities programs
./conf/        OPENTURBO CONFIG and control files
./db/          OPENTURBO tifile
./dbscript/    database creation and data loading scripts - you
               need to replicate it one for each TurboIMAGE
./lbin/        listener and server programs
./lib/         pa-32 share libraries
./lib/pa20_64  pa-64 share libraries
./lib/hpux32   ia-32 share libraries
./lib/hpux64   ia-64 share libraries
./listner/     listener start and stop scripts
```

- 5) /opt/imaxsoft/openturno3.2/db2 directory contains following sub-directories:

```
./DATABASE/    for demo database music and sample scripts
./bin/         utilities programs
./conf/        OPENTURBO CONFIG and control files
./lbin/        listener and server programs
./lib/         pa-32 share libraries
./listner/     listener start and stop scripts
./bnd/         bind stored procedures
```

- 6) /opt/imaxsoft/openturno3.2/eloquence directory contains following sub-directories:

```
./DATABASE/    for demo database music and sample scripts
./bin/         utilities programs
./conf/        OPENTURBO CONFIG and control files
./lbin/        listener and server programs
./lib/         pa-32 share libraries
./lib/pa20_64  pa-64 share libraries
./lib/hpux32   ia-32 share libraries
./lib/hpux64   ia-64 share libraries
./listner/     listener start and stop scripts
```

- 7) /opt/leetech/ directory contains following sub-directories:

```
./lib/         share libraries
./bin/         license control and utilities programs
./lbin/        listener, server and utilities programs
./demo/        sample programs
./share/       reserved for future include header files
```

- 8) /etc/opt/leetech/ contains license control files
CNTLCSF.PUB.LEETECH, CNTLCSFC.PUB.LEETECH, CNTLSDK.PUN.LEETECH,
CNTLSDKC.PUB.LEETECH, and CNTLSTBY.PUB.LEETECH
- 9) /opt/door/ directory contains following sub-directories:
 - ./bin/ license control and utilities programs
 - ./lbin/ listener, server and utilities programs
- 10) /etc/opt/door/ contains license control file CNTLDOOR.PUB.DOOR

How to check license key?

HP3000 OPENTURBO Product (**1688 and 2006 thru 2011**):

:RUN OTVALIDA.PUB.IMAXSOFT

VALIDA (A.03.00) IMAXSOFT Corp. Copyright 2002-2004, All Rights Reserved.

Product number: **888**
DBAdvisor/SQL : 1001
DBAdvisor/ADAGER : 1002
DBA/QUERY : 1003
DBAdvisor/TIOPR : 1004
DBA/QUERY for Windows : 1005
AIM/CSF : 1006
AIM/SDK : 1007
DBAdvisor/SQLCHG : 1008
AIM/CSFC : 1009
AIM/SDKC : 1010
AIM/STBY : 1011
OPENTURBO : 1688
IMAXSOFT/CSF : 2006
IMAXSOFT/SDK : 2007
IMAXSOFT/CSFC : 2009
IMAXSOFT/SDKC : 2010
IMAXSOFT/STBY : 2011
AppeerX : 3012
DOOR : 4012

Product number: **2006**

IMAXSOFT/CSF IMAXSOFT Corp. Copyright 2002-2004, All Rights Reserved.

License No. 000000 DEMO
[2009/12/31]

Control: CNTLCSF.PUB.**IMAXSOFT**
Brand: 4c544c54
Version: 1
Product: IMAXSOFT/CSF
License: 000000
Option: 0
Expiration: 20091231
Site: 500
Hpsusan: 0 (69138730)
Customer: DEMO

END OF PROGRAM

HP3000 AIM Product (**1001 through 1011**):

:RUN LTVALIDA.PUB.LEETECH

VALIDA (A.05.00.00) LeeTech Software Inc. Copyright 1993-, All Rights Reserved.

Product number: **888**
DBAdvisor/SQL : 1001
DBAdvisor/ADAGER : 1002
DBA/QUERY : 1003
DBAdvisor/TIOPR : 1004
DBA/QUERY for Windows : 1005

LeeTech/CSF : 1006
LeeTech/SDK : 1007
DBAdvisor/SQLCHG : 1008
LeeTech/CSFC : 1009
LeeTech/SDKC : 1010
LeeTech/STBY : 1011
StarVision/CSF : 2006
StarVision/SDK : 2007
StarVision/CSFC : 2009
StarVision/SDKC : 2010
StarVision/STBY : 2011
Product number: **1006**

LeeTech/CSF LeeTech Software Inc. Copyright 1993-, All Rights Reserved.
License No. 000000 IMAXSOFT
[2009/12/31]

Control: CNTLCSF.PUB.**LEETECH**
Brand: 4c544c54
Version: 1
Product: LeeTech/CSF
License: 000000
Option: 0
Expiration: 20091231
Site: 500
Hpsusan: 0
Customer: IMAXSOFT

END OF PROGRAM

How to install from downloaded files?

HP3000 DOOR Product (**4012**):

:RUN LTVALIDA.PUB.DOOR

VALIDA (A.06.00.00) LeeTech Software Inc. Copyright 1993-, All Rights Reserved.
Product number: **4012**

DOOR LeeTech Software Inc. Copyright 1993-, All Rights Reserved.
License No. 000000 DEMO
[2006/02/28]

Control: CNTLDOOR.PUB.**DOOR**
Brand: 4c544c54
Version: 1
Product: DOOR
License: 000000
Option: 0
Expiration: 20060228
Site: 500
Hpsusan: 0 (69138730)
Customer: DEMO

END OF PROGRAM

HP-UX All Products, OPENTURBO, AIM and DOOR (**1006 through 1011**):

\$ /opt/leetech/bin/ltvalida

VALIDA (A.06.00.00) LeeTech Software Inc. Copyright 1993-, All Rights Reserved.

Product number: **888**
DBAdvisor/SQL : 1001
DBAdvisor/ADAGER : 1002
DBA/QUERY : 1003
DBAdvisor/TIOPR : 1004
DBA/QUERY for Windows : 1005
LeeTech/CSF : 1006
LeeTech/SDK : 1007
DBAdvisor/SQLCHG : 1008
LeeTech/CSFC : 1009
LeeTech/SDKC : 1010
LeeTech/STBY : 1011
StarVision/CSF : 2006
StarVision/SDK : 2007
StarVision/CSFC : 2009
StarVision/SDKC : 2010
StarVision/STBY : 2011
AppeerX : 3012
DOOR : 4012

Product number: **1006**

Control: /**etc/opt/leetech/CNTLCSF.PUB.LEETECH**
Brand: 4c544c54
Version: 1
Product: LeeTech/CSF
License: 000000
Option: 0
Expiration: 20060228
Site: 500
Hpsusan: 0 (845940680)
Customer: DEMO

Cntl key: 520c0803
\$

How to extend license key?

HP3000 OPENTURBO Product (**1688 and 2006 thru 2011**):

:RUN OTUPGRAD.PUB.IMAXSOFT

HP3000 AIM Product (**1001 through 1011**):

:RUN LTUPGRAD.PUB.LEETECH

HP3000 DOOR Product (**4012**):

:RUN LTUPGRAD.PUB.DOOR

HP-UX All Products, OPENTURBO, AIM and DOOR (**1006 through 1011**):

\$ /opt/leetech/bin/ltupgrad

Example:

\$ /opt/leetech/bin/ltupgrad

UPGRAD (A.06.00.00) LeeTech Software Inc. Copyright 1993-, All Rights Reserved.

Product number: **1006**

Product name: LeeTech/CSF

License number: 000000

License number: 0

Product option: 0

Expiration date: 20061231

Site number: 0

Hpsusan number: 845940680

Customer name: DEMO

Customer name: **SAMPLE Corp**

Key: **abc12345**

- 1) get the KEY from IMAXSOFT Support and you must provide your server's SUSAN number
- 2) If the KEY is invalid, you get error >>>key not matched<<<
- 3) If you get message >>>store failure<<<, you need HP-UX su or proper MPE/XL CAP in order to write to license control file.