

Genesis Unix Installation Instructions for Systems other than Lucent

Genesis should have a directory of its own in which to run; we suggest creating the directory `/cdr`. Also, Genesis should have its own user ID (e.g. "**gsc**"), with `/cdr` as its home directory.

To install Genesis on a Unix system for the first time, perform the following steps:

1. Log in as root.
2. Type the command "**mkdir /cdr**".
3. Create a user ID for Genesis (e.g. "**gsc**") with `/cdr` as its home directory.
4. Type the command "**chown gsc /cdr**".
5. Type the command "**chgrp <groupname> /cdr**", where `<groupname>` is the group name assigned to the user "**gsc**" in step 3.
6. Log in as (or su to) the Genesis user ID ("**gsc**").
7. Make sure you're in the Genesis directory. You should already be there if you log in as "**gsc**" and have set that user ID up properly. If not, type the command "**cd /cdr**". The user ID "**gsc**" must have `/cdr` as its home directory!
8. Insert Genesis installation disk 1 into the floppy disk drive.
9. Type the following commands:

```
doscp a:install install  
chmod 755 install  
./install
```

All files on installation disk 1 will be copied to the current directory (which should be `/cdr`). The system will then ask for subsequent disks and copy their contents to the current directory. After the last disk has been copied, the "**SET Serial Port Parameters**" screen will be displayed. Fill in the port name (e.g. `/dev/ttyxx`), baud rate, parity, etc. and press `<enter>`. (Details on filling out this screen can be found elsewhere.) The settings will be stored, and the data collection program (`gcom`) will be started. If the settings are correct, all data coming from the switch from this point on will be stored for future processing.

10. Log in as (or su to) root.
11. Type the command "**cp /cdr/S99genesis /etc/rc2.d**". This script will automatically start the data collection program (`gcom`) whenever the system

is rebooted.

The above procedure is only necessary when installing Genesis for the first time. Subsequent system updates are installed by selecting the "**INSTALL System Updates**" option from the main (administrative) menu.

To enter the Genesis system, log in as "**gsc**" and type the command "**go**". All data collected since the last time "**go**" was run has been stored, and will be processed when the "**go**" program comes up.

NOTE: Always log in as "**gsc**" and be in /cdr when running the Genesis system. If you attempt to run "**go**" under a different user ID, it might not find the data collection program (gcom). Saved calls will not be processed. They will not be lost, but they will be held until you run "**go**" under the user ID "**gsc**". If you are not in the /cdr directory, the system will not be able to find its data files.

Genesis Unix Installation Instructions

for Lucent Systems Only

Genesis should have a directory of its own in which to run; we suggest creating the directory /cdr.

To install Genesis on a Lucent system for the first time, perform the following steps:

1. Log in as "tsc".

2. Type the following commands:

```
su craft
mkdir /cdr
chown craft /cdr
chgrp dos /cdr
cd /cdr
```

3. Insert Genesis installation disk 1 into the floppy disk drive.

4. Type the following commands:

```
doscp a:install install
chmod 755 install
./install
```

All files on installation disk 1 will be copied to the current directory (which should be /cdr). The system will then ask for subsequent disks and copy their contents to the current directory. After the last disk has been copied, the "**SET Serial Port Parameters**" screen will be displayed. Fill in the port name (e.g. /dev/ttyxx), baud rate, parity, etc. and press <enter>. (Details on filling out this screen can be found elsewhere.) The settings will be stored, and the data collection program (gcom) will be started. If the settings are correct, all data coming from the switch from this point on will be stored for future processing.

5. Type the command "**cp S99genesis /etc/rc2.d**". This script will automatically start the data collection program (gcom) whenever the system is rebooted.

6. Add a line to the main menu to enter the Genesis system. This menu is in /mtce/text/mainmenu. The file should look something like this:

```
AUDIX Administration: /VM/bin/Fc: /VM/text/vmhelp
Customer/Services Administration: /mtce/bin/cslexec: /mtce/text/cslhelp
Genesis Call Accounting: /cdr/rungo: /cdr/genhelp
Lodging Administration: /ldg/bin/ldg_admin: /ldg/txt/h_lvmain.txt
Networking Administration: /netw/bin/start_netadm: /netw/text/netadm.txt
```

Switch Interface Administration: /swin/ehs/bin/dciu_adm: /swin/ehs/data/dciu.txt
Upgrade: /upgrade/bin/upgrade: /upgrade/text/upg_help
Voice System Administration: /vs/bin/vsadm_menu: /vs/data/cadm/cvishp.txt

Note: the third line of this file this is the one which must be added.

The above procedure is only necessary when installing Genesis for the first time. Subsequent system updates are installed by selecting the "**INSTALL System Updates**" option from the main (administrative) menu.

From this point in, if you log in as "**craft**", the main menu should contain an entry that reads "**GENESIS Call Accounting**". Simply select this entry to enter the Genesis menus. When you exit the Genesis system, call collection and processing will continue to run in the background.

NOTE: It is possible to enter the Genesis system without going through the menus, by typing the following commands:

```
cd /cdr  
su craft  
./rungo
```

You must have a user ID of "**craft**" and be in the /cdr directory for the Genesis system to run correctly. If you attempt to run "**go**" under a different user ID, it might not find the data collection program (gcom). Saved calls will not be processed. They will not be lost, but they will be held until you run "**go**" under the user ID "**craft**". If you are not in the /cdr directory, the system will not be able to find its data files.