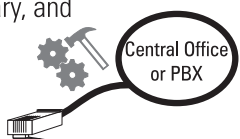


# Quick Reference

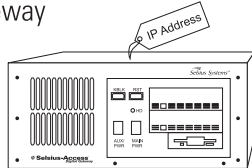
## THE CISCO ACCESS DIGITAL GATEWAY

### Quick Connect

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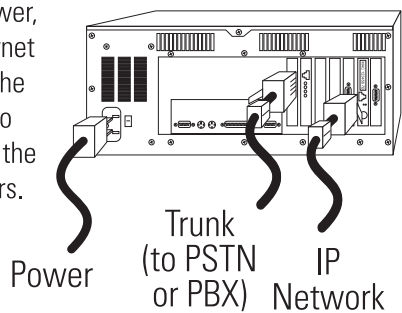
Digital Gateway's software and  
IP address to the Gateway  
calling the Digital  
Software").



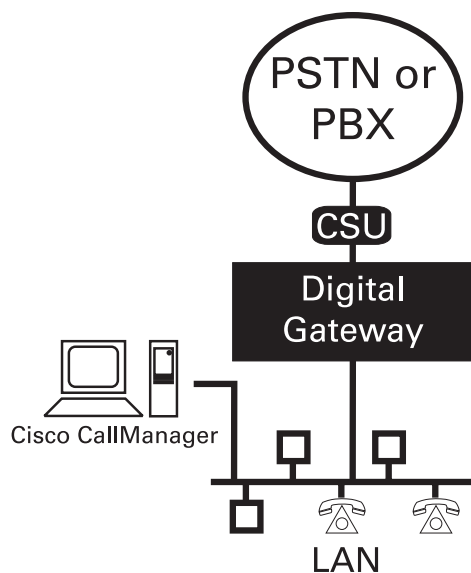
the Gateway in CallManager  
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the power,  
Ethernet  
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## Topology



**Note:** A CSU is required if you are connecting to the PSTN or if the Gateway is more than 30 meters from a PBX.

## Getting Help



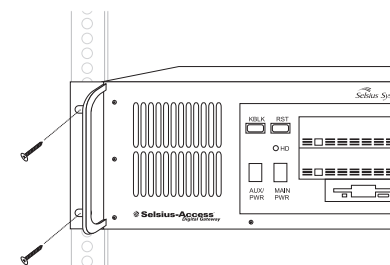
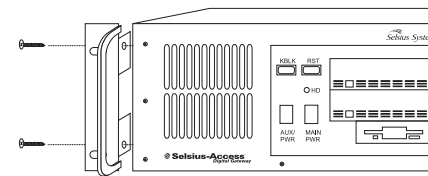
[www.selsius.com/documentation](http://www.selsius.com/documentation)

For detailed installation configuration instructions, visit our Web site at the address above.

Documentation is also included on the Cisco Communications System CD. Insert the CD and click System Guide to open the CD-ROM version of the Selsius System Guide.

## Mounting

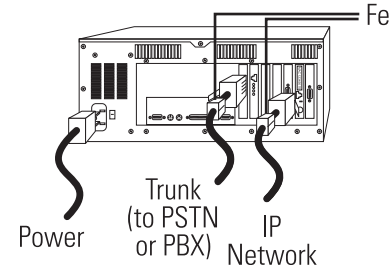
You can attach the included handles to the Gateway onto a 19-inch rack.



## Cabling

The Digital Gateway requires EIA/TIA 568-A Cat 5 trunks and Category 3 (or higher) cabling for 10/100. Both cables require standard RJ-45 connectors. Ferrite sleeves are not supplied.

You must install a ferrite sleeve on each cable to reduce electromagnetic interference (EMI). Cisco supplies ferrite sleeves with your Digital Gateway, one for the trunk and one for the network cable. Attach the ferrite sleeve near the connectors connecting to the Gateway.



# The Digital Gateway's Software

Gateway's software involves copying necessary manager and transferring them to the Digital Trunk

## Digital Gateway's software:

Running DOS 6.22, Windows 95, or Windows 98, bootable floppy. For example, insert a floppy and at /s a: at the command prompt.

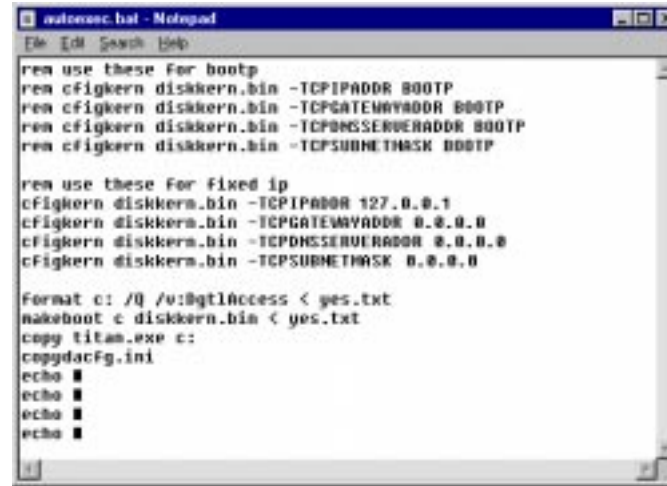
One of the following procedures:

Running DOS 6.22 in Step 1: on the CallManager PC, copy files from the folder c:\program files\digitalaccess\makehd\disk1 to the floppy

Running Windows 95 in Step 1: on the CallManager PC, copy the files from the folder c:\program files\digitalaccess\makehd\win95 to the floppy

Running Windows 98 in Step 1: on the CallManager PC, copy the files from the folder c:\program files\digitalaccess\makehd\win98 to the floppy

**Step 3** On the floppy disk, edit the autoexec.bat file using Figure 1 as an example. Here, you edit the subnet mask. You also edit the IP addresses for the Digital Gateway, the subnet's default gateway, and the DNS server. Use 0.0.0.0 if an address is not used.



```
autoexec.bat - Notepad
File Edit Search Help
rem use these for bootp
rem cfigkern diskkern.bin -TCP/IPADDR BOOTP
rem cfigkern diskkern.bin -TCPGATEWAYADDR BOOTP
rem cfigkern diskkern.bin -TCPDNSSERVERADDR BOOTP
rem cfigkern diskkern.bin -TCPsubnetmask BOOTP

rem use these for fixed ip
cfigkern diskkern.bin -TCP/IPADDR 127.0.0.1
cfigkern diskkern.bin -TCPGATEWAYADDR 0.0.0.0
cfigkern diskkern.bin -TCPDNSSERVERADDR 0.0.0.0
cfigkern diskkern.bin -TCPsubnetmask 0.0.0.0

Format c: /Q /v:0qtlAccess < yes.txt
makeboot c diskkern.bin < yes.txt
copy titan.exe c:
copy dacfg.ini
echo █
echo █
echo █
echo █
```

Figure 1



```
dacfg.ini - Notepad
File Edit Search Help
SCREEN 0
DISK 0
NAFullSK 31
HANONSK 15
TIMEOUTKILL 1
CROTIMEOUT 1
HINDELAY 0
TFTP 127.0.0.1
MESS 0
FTFS 0
```

Figure 2

**Step 4** On the floppy disk, edit the TFTP server's IP address in the file dacfg.ini using Figure 2 as an example.

**Step 5** Insert the disk into the Digital Gateway's floppy drive and power on the Digital Gateway. The Digital Gateway's hard drive is reformatted. This takes up to 5 minutes. A long beep signals when the process is complete. **Do not continue until disk activity is complete.**

**Step 6** Remove the floppy and reboot the Digital Gateway.

## Notice

This device cannot be connected to the public switched telephone network (PSTN) in North America.

## Network Connection

Cisco Digital Access requires a separately registered NT1 device for connection to the PSTN.

## FCC Compliance Information

The Cisco Digital Access is in full compliance with Part 68 of the Federal Communications Commission (FCC) rules and regulations. Cisco Digital Access complies with FCC Part 15, Subpart B, of the FCC rules. In all matters regarding FCC registration and requirements of Appendix A of the FCC Part 68 Guide concerning Part 68 of the rules, the label information below is to be used for the equipment and the information will be provided to the telephone company if requested.

- Service Code - 6.0P
- Equipment Code - XD
- Facility Interface Code - 04DU9-1SN

Further requirements are as follows:

- If the Cisco Digital Access causes harm to the telephone network, the telephone company may require the customer in advance that temporary discontinuance of service may be required. In practical, the telephone company will notify the customer as soon as possible and advise of the right to file a complaint with the FCC if it is believed to be necessary.
- The telephone company may make changes in its facilities, equipment, operations, or procedures that may affect the operation of the equipment. If this happens, the telephone company will notify the customer in order for necessary modifications to be made to maintain uninterrupted service.
- If trouble is experienced with the Digital Access unit, please refer to Cisco's Limited Warranty for repair and/or warranty information. If the trouble is causing a significant interruption of service, the telephone company may request that the equipment be removed from the premises until the trouble is solved.
- Connection to Party Line Service is subject to state tariffs. (Contact the state public service commission, or corporate commission for information.)
- This equipment is capable of providing users access to interstate providers. The use of access codes. Modifications of this equipment by call aggregators may constitute a violation of the Telephone Operator Consumers Act of 1990 and Part 68 of the FCC rules.

## Industry Canada

**Notice:** The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The appropriate Terminal Equipment Technical Requirements document(s) apply to this equipment. The equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to connect this equipment to the local Telecommunications Company. The equipment must also be installed in accordance with the connection. The customer should be aware that compliance with the above conditions of service in some situations.

Repairs to certified equipment should be coordinated by a representative of the telecommunications company. Repairs or alterations made by the user to this equipment, or equipment malfunction caused by the user or the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections to the telephone lines and internal metallic water pipe system, if present, are connected to the same ground. This may be particularly important in rural areas.

## Corporate Headquarters

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
<http://www.cisco.com>

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
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pt to make such connections themselves, but should contact the appropriate  
ectrician, as appropriate.

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Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
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