

## Directions for Determining the Software Version of your Tenor For Tenor A400, A800, D800, D1600, D2400, D3000, Gatekeeper & Call Relay

During the course of business, Quintum Technologies will make new releases (versions) of software available for its current customer base. These new software releases may contain bug fixes and/or feature enhancements and will be posted on our web site for all customers to download.

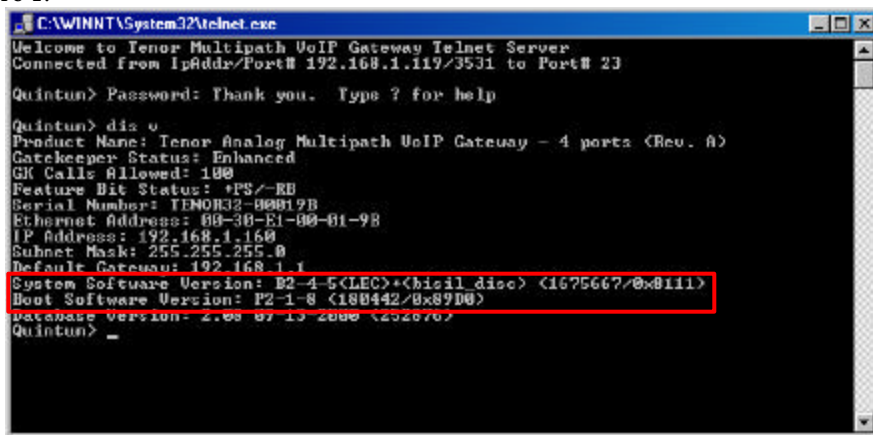
When a new version of software is created, Release Notes will be created that will describe the new features and any bug fixes that are part of the new version.

Before upgrading your Tenor, you should know the following information;

1. What version you are current running for both the system and the boot code.
2. What the latest version available is.
3. What the fixes and features are in the new version.
4. Compatibility with older software (will be in the release notes).
5. Software requirements (some versions require specific boot code version).

To determine what version of software you are currently running, please follow the steps below;

1. Telnet in to the Tenor(s) using any standard Telnet software.
2. Enter the password for your Tenor and hit enter. You should now be at the *Quintum*> prompt.
3. At the *Quintum*> prompt type **dis v<enter>**. This will display the system information as shown in figure 1.



```
C:\WINNT\System32\telnet.exe
Welcome to Tenor Multipath VoIP Gateway Telnet Server
Connected from IpAddr/Port# 192.168.1.119/3531 to Port# 23

Quintum> Password: Thank you. Type ? for help

Quintum> dis v
Product Name: Tenor Analog Multipath VoIP Gateway - 4 ports (Rev. A)
Gatekeeper Status: Enhanced
GK Calls Allowed: 100
Feature Bit Status: +PS/-RB
Serial Number: TENOR32-00019B
Ethernet Address: 00-30-E1-00-B1-98
IP Address: 192.168.1.160
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.1.1
System Software Version: B2-4-5<LEC>*(hisil disc) <1675667/0x0111>
Boot Software Version: P2-1-8 <180442/0x87D0>
Database Version: 2.08 07 13 2000 <252070>
Quintum> _
```

Figure 1

4. You will see the circled entries for System software and Boot Software. The first part of each line will tell you the version number. For example, this system (a test system) has System software version B2-4-5(LEC) and a Boot Software version of P2-1-8. These are the numbers that you will look for in terms of identifying your software version.
5. You can now see if you need to upgrade the Tenor.

As for the software, there are 3 types of software in the Tenor. They are the system software, boot software and the database software.

The Database software does not get upgraded directly. Instead, it is upgraded based on the system software version that is loaded on to the system. The database software (file name db.bin) is where your configuration is stored at. When you upgrade the Tenor to a new system software, if the database needs to be upgraded, it will be done automatically.

The Boot software is the Boot code of the Tenor. This software does not always get updated, only on small occasions. When you look at the release notes for a system software, if the boot software needs to be upgraded, the notes will tell you this.

The System software is the software that the Tenor runs on. This is where most of the features and bug fixes are done.