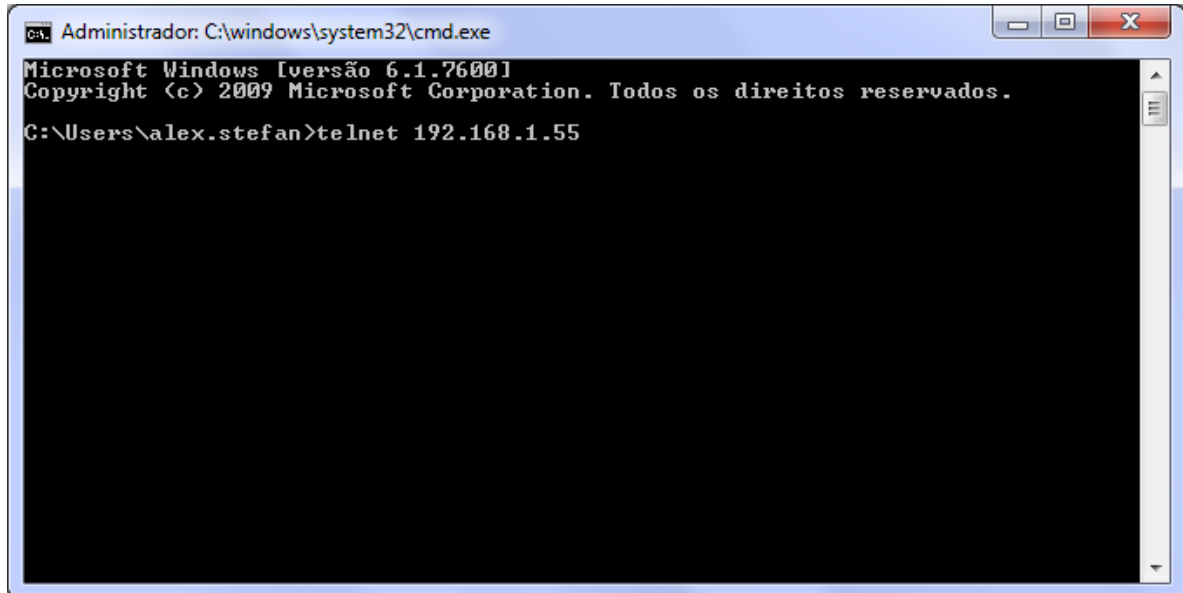


Atualização de firmware Grandstream por TELNET:

Abrir o Command do DOS e digitar o comando abaixo (telnet IP do aparelho):

A screenshot of a Windows Command Prompt window. The title bar reads "Administrador: C:\windows\system32\cmd.exe". The text inside the window shows the Microsoft Windows version (6.1.7600) and copyright information, followed by the user's current directory (C:\Users\alex.stefan) and the command "telnet 192.168.1.55" being entered at the prompt.

```
C:\Users\alex.stefan>telnet 192.168.1.55
```

Em seguida, aperte ENTER. Vai solicitar a senha, que é a mesma de acesso via HTTP:

A screenshot of a Telnet session window. The title bar reads "Telnet 192.168.1.55". The text inside the window shows the Grandstream GXU3000 boot and loader information, followed by the application version (1.2.3.7) and hardware version (3.1D). The prompt "Comm" is visible, and the user is prompted to enter a password.

```
Grandstream GXU3000 < Boot:1.1.3.2 Loader:1.1.3.4 App:1.2.3.7 HW: 3.1D > Comm  
and Shell  
Password:
```

Após inserir a senha, vai para o prompt de comando:

```
GA. Telnet 192.168.155
Grandstream GXU3000 < Boot:1.1.3.2 Loader:1.1.3.4 App:1.2.3.7 HW: 3.1D > Comm
and Shell
Password:
Type '?' for help
GXU3000 >
```

Aí basta digitar help ou ? para ver as opções (que variam de acordo com o modelo dos aparelhos) até chegar ao upgrade. No exemplo abaixo, selecionei para fazer via HTTP pelo URL do servidor da Grandstream: firmware.grandstream.com:

```
GA. Telnet 192.168.155
Grandstream GXU3000 < Boot:1.1.3.2 Loader:1.1.3.4 App:1.2.3.7 HW: 3.1D > Comm
and Shell
Password:
Type '?' for help
GXU3000 >upgrade
Upgrade Preference:
  r - Read current upgrade preference
  s URL - Set upgrade server URL
  t - Upgrade using TFTP
  h - Upgrade using HTTP
-----
  0 - Exit Upgrade Preference
Upgrade Preference> r
Server URL: 72.172.83.110
Protocol: HTTP
Upgrade Preference:
  r - Read current upgrade preference
  s URL - Set upgrade server URL
  t - Upgrade using TFTP
  h - Upgrade using HTTP
-----
  0 - Exit Upgrade Preference
Upgrade Preference>
```

Em seguida, basta rebotar o equipamento, voltando ao menu-raiz e digitando r:

```
Administrator: C:\windows\system32\cmd.exe
h - Upgrade using HTTP
-----
0 - Exit Upgrade Preference
Upgrade Preference> 0
GXU3000 >?
Available commands:
a - Run audio test
c - Read/Write camera registers
d addr len - Dump the memory
S - Syslog control
t - Toggle malloc stat
n - list of channels in use
p - SIPsession structure detail
l - Link status
s - Show network statistics
u - Upgrade preference
r - Reboot
e - Exit shell
? - Show this help
GXU3000 >r
GXU3000 >
Conexão ao host perdida.
C:\Users\alex.stefan>_
```

Para confirmar, veja se a opção PROGRAM ou APP indica a última versão, que pode ser confirmada no link abaixo:

```
Telnet 192.168.1.55
Grandstream GXU3000 < Boot:1.1.3.2 Loader:1.1.3.4 App:1.2.3.7 HW: 3.1D > Comm
and Shell
Password:
```

<http://www.grandstream.com/support/firmware>