

Testing IP: Communication and Control

The link below will bring you to a page to download a program called putty which will help test the functionality of the IP board on an applicable Evolution matrix.

<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

We recommend the following process but please be aware that differences in operating systems can slightly alter the process.

For Windows on Intel x86

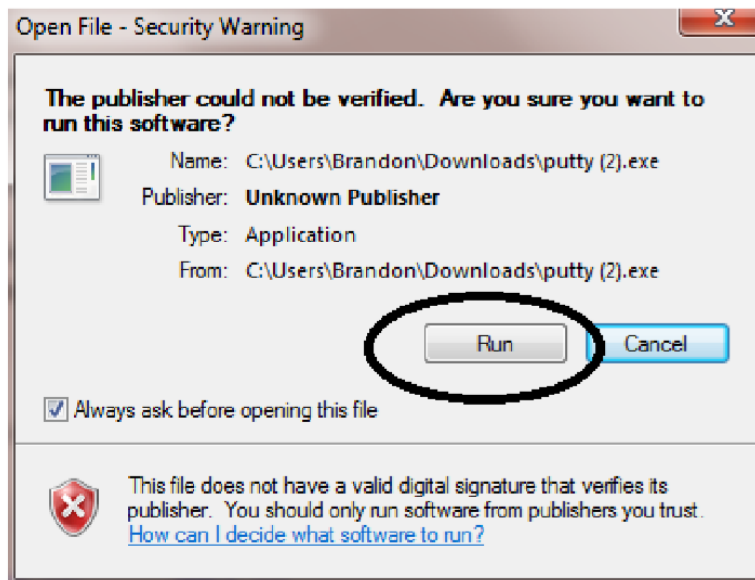
PuTTY:

[putty.exe](#)

[\(or by FTP\)](#)

[\(RSA sig\)](#)

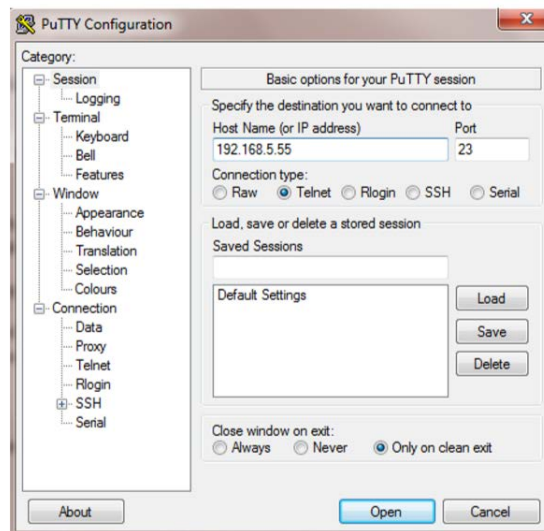
[\(DSA sig\)](#)



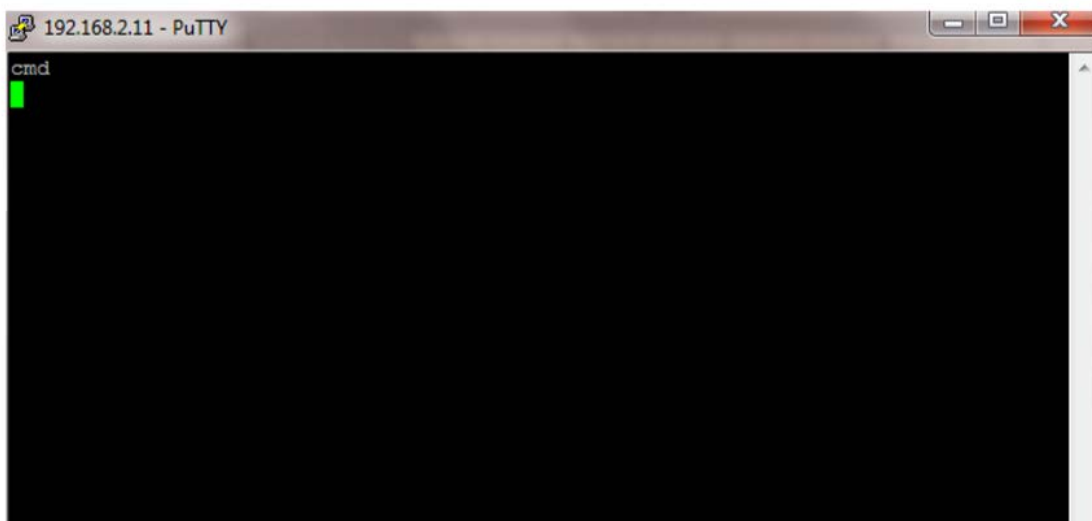
EVOLUTION

BY  **VANCO**
ADVANCING DIGITAL CONNECTIVITY

After you RUN the program, enter the IP address for your matrix, make sure the port is set to 23, and change the connection type to Telnet. After these are set click OPEN.



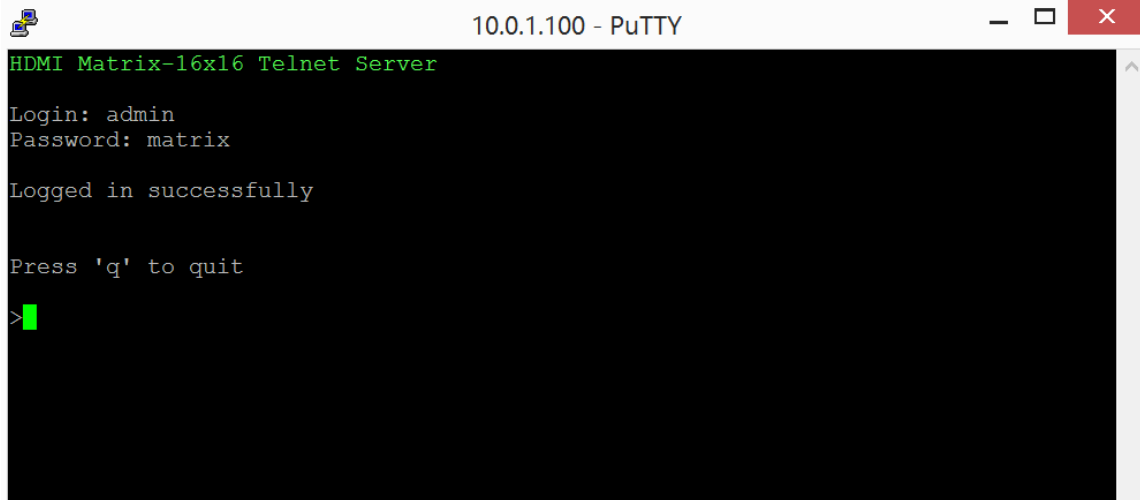
After you open, a black prompt window will open. Type in "cmd" and hit enter.



EVOLUTION

BY  **VANCO**
ADVANCING DIGITAL CONNECTIVITY

After you hit enter, you will be requested to provide login and password information. For “Login” type in **admin** and then press enter. For “Password” type in **matrix** and then press enter. If entered correctly you will see the screen below.



```
10.0.1.100 - PuTTY
HDMI Matrix-16x16 Telnet Server
Login: admin
Password: matrix
Logged in successfully
Press 'q' to quit
>
```

At this point you can now test functionality by entering a serial command for the matrix and hitting enter. After you hit enter to send the command, you will get a response in the command window and you will notice the matrix has switched. Below is an example of the serial command being entered for an EVMX4016.



```
10.0.1.100 - PuTTY
HDMI Matrix-16x16 Telnet Server
Login: admin
Password: matrix
Logged in successfully
Press 'q' to quit
>P01I01
P01I01
P01I01
>
```