

## Steps for BrightShow™ Digital Signage Install With Networking

When preparing for the Install of the BrightShow™ Digital Signage with Networking, there are a few things to get in order beforehand.



- When networking the BrightShow™ Signage, There will be the need for your local and possibly your corporate IT contact to be available to help troubleshoot any possible network connection issues pertaining to the screens and their connection through the local Internet connection to the GALLERY Server Off-Site.



- Electric needs to be provisioned prior to any Installation work being performed. Please make sure your local Electrician has been called and has installed the proper outlets in regards to the install space of the Signage.



- Make sure all Category 5/6 Network Cable runs are terminated correctly in the wall within the Signage install space, and terminated correctly on a patch panel near the Internet connection equipment.



- At this point if the steps above are completed, the physical mounting and connection can commence.
- Once all physical mounting is secure and all cables are correctly connected to the corresponding Power outlets and Network jacks, we can now power up the signage display. Make sure they all boot up and show the blue BrightShow™ Status screen. If you see this on all screens installed then proceed to next step.



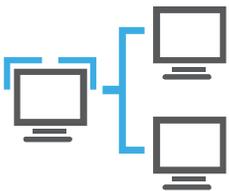
- \*\*\* NOTE\*\*\* If you have a screen that is not powering up, PLEASE make sure that all connections are secure and that your electric outlets and service are functioning correctly before you contact Customer Support.



- You are ready to connect the signs to the provided Cisco Network Switch, Identify the Network Patch Panel where the Cat5/6 Network Cables are connected to. Make sure you know which Ports on the Patch Panel correspond to the installed Signage Screens.



- Using the provided Cat5/6 Patch Cable, connect one patch cable to the Network Patch Panel where one of the Signage Screens is connected and then connect the other end of the Patch Cable to an open port on the Cisco Network Switch. \*\*\*Repeat this process for each Signage Screen you want connected to the network.\*\*\*



- Once the Signage is all connected and you see activity lights light up on the Cisco switch, you can now connect the Cisco Network Switch to the Local Internet Connection. \*\*\*At this point you will need your IT Staff available to you in the event your unable to connect to the Networking Equipment or connect to the Internet.\*\*\*

A good test to see if the device your plugging the Cisco Network Switch into is connecting to the Internet, is to take a laptop and connect a Patch Cable to the Port on the Internet Connection Equipment and see if your able to get to “Google.com” and search for something random, if you can then that Port is live for Internet connectivity and you can proceed to plug in the Cisco Network Switch into that Port.



- Reset the Signage by Pressing the Red Button on the remote control and power off the display or media player. Restart the system with the same button. The system will restart and should synchronize with the cloud server. Once the display is connected to the Server then the installation is DONE!

\*\*\*If that does not work, you most likely have a router that is not assigning An IP address through DHCP (Dynamic Host Configuration Protocol) or the Internet Connection is not working. This needs to be modified and configured by your Local IT provider. Your IT provider needs to setup a DHCP Network addressing, to communicate on the network so that the display will connect back to the GALLERY Off-Site Server.\*\*\*

- If DHCP addressing is unavailable, then a statically assigned internal IP address will be necessary in order to make the signage connect back to the GALLERY Server. Your IT provider will need to contact your local Internet service provider (ISP) for that addressing info .The Info needed will be the following manual settings:

- IP address (one address is needed for each Sign)
- Default gateway (same on each screen)
- Subnet mask (same on each screen)
- DNS Server addresses (same on each screen)
- As stated in quotes above. You will need a different Internal IP address for each Sign, the other addressing info will stay the same.

Once your display is properly configured to reach the internet, The Gallery Portal server will detect and communicate with it and then make it possible to manage and update content and detailed changes in price and promotions.

Category 5 (Cat5) cable must connect to the screen and must connect to the network switch.



A good connection will have activity lights. (Yellow & Green) indicating There is a powered connection from the network switch.