

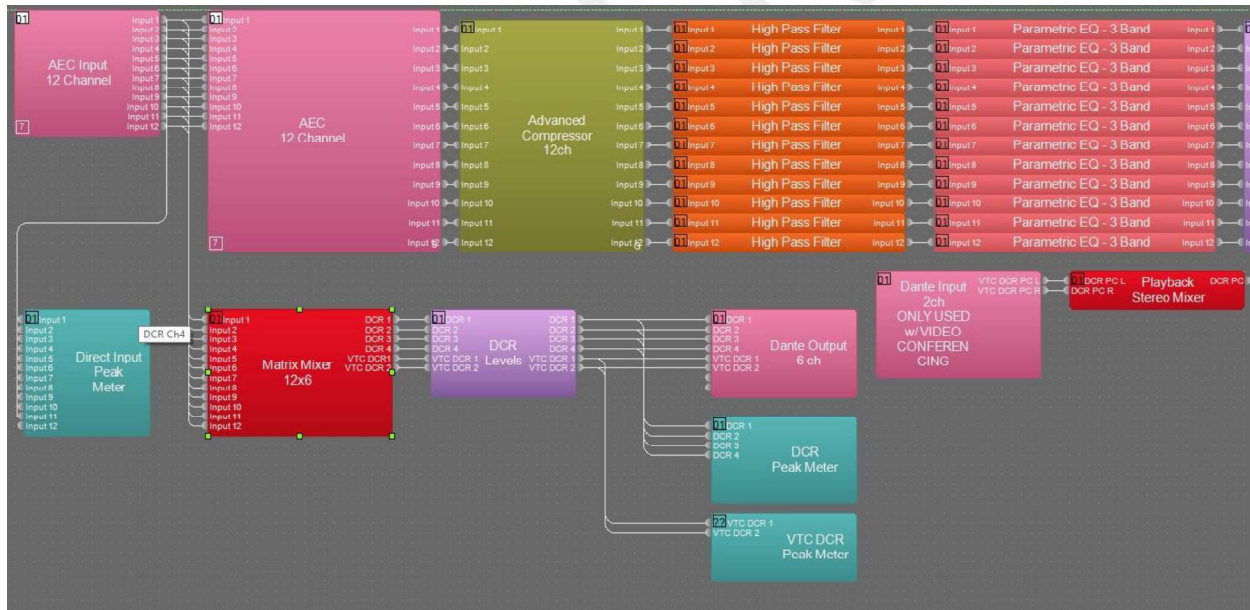
REVISED 9/29/2021

September 29, 2021

RESPONSIBILITIES – THE JUDICIARY OF PUERTO RICO

Biamp TesiraForte DSP and Dante Programming / Configuration Requirements:

1. All Biamp TesiraForte DSP must be model TesiraForte DAN CI.
2. All mixers must be updated with the newest version of firmware provided by Biamp.
3. All mixers must be configured with the newest version of software provided by Biamp.
4. All input and output wiring terminations must be completed, tested and operational (Including DANTE Ports) before BIS DIGITAL connects any computer devices to the Dante connection port.
5. Each courtroom shall have a dedicated RJ45 CAT6 connection wired to the Dante output port of the Biamp TesiraForte DAN CI configured for 6 outputs and 2 inputs as per attached diagram.



6. The dedicated Dante RJ45 CAT6 connection in the courtroom will be connected to the BIS DIGITAL provided USB gigabit NIC connected to the recording PC.
7. The client shall provide a copy of the Tesira file for each courtroom PC for reference. If the Tesira file is not available, BIS DIGITAL must be given participant microphone input/output routing assignments for each room (i.e., Judge = Channel 1, Witness = Channel 2, Defense and Prosecution = Channel 3, Side Bar = Channel 4)
8. Dante outputs 1 through 4 shall be labeled DCR1 through DCR 4. Dante outputs 5 and 6 shall be labeled VTC DCR 1 and VTC DCR 2. Dante inputs 1 and 2 shall be labeled VTC DCR PC L and VTC DCR PC R. The VTC outputs and inputs shall only be used in courtrooms that have Video Conferencing capability.
9. BIS DIGITAL will be provided with Dante Controller matrix channel assignments for recording and playback for each courtroom.
10. All Biamp TesiraForte DAN CI mixers shall be preconfigured with unique Dante static IP addresses and shall be connected on their own Dante VLAN. Business Information Systems, Inc. **shall be given this information prior to installation of software on the client's computers.**
11. A Dante VLAN must be setup per individual courtroom.
12. Business Information Systems, Inc. must be given a unique static IP address to assign to our USB gigabit NIC per DSP we will be receiving audio from.

Minimum Recording Computer Performance Requirements:

- 16GB RAM
- 1TB Hard Drive
- Intel Core i7 Processor
- Ethernet RJ-45 Network Interface 100/1000
- USB 3.0 Ports
- Microsoft Windows 10 Professional

Recording Computer Preparation/Optimization Requirements:

The following changes must be made in Windows settings so that there is no impact to audio recording performance:

1. Change USB Root Hub Power Management settings:
 - Open the Start menu and type in "Device Manager".
 - In the Device Manager, go to "Universal Serial Bus Controllers".
 - Find "USB Root Hub" and right-click on it.
 - Go to Properties > Power Management/
 - Uncheck the option for "Allow the computer to turn off this device to save power".
 - Press OK.