

Because we frequently get calls saying;

“I have a new job and there are NIONs in the sound system”

Here is a list of links that will help those that are new to MediaMatrix.

The Knowledge Center (KC);

<http://peaveyoxford.com/kc/index.htm#10944>

These next links on the KC explains NION as “**hardware**”. There is a CobraNet and a Dante version, and though they are very similar, select appropriately (no need to read thru, just a quick glance at the topic list will be enough to start);

First the CobraNet (CN);

<http://peaveyoxford.com/kc/index.htm#2378>

Dante is found here;

<http://peaveyoxford.com/kc/index.htm#13862>

But be sure and read the Web Interface found in NION Hardware

(which is POWERFUL tool). This topic is the same for both CN and Dante. Here is the CN version;

<http://peaveyoxford.com/kc/index.htm#11300>

Pandad is our discovery of NIONs process and the Pandad Admin article on said KC will assist in understanding how it works;

<http://peaveyoxford.com/kc/index.htm#3863>

Introduction and Troubleshooting sections of Pandad are most helpful to understand the process and the valuable features and tools.

On a related topic, the IT Department may need to know all the **Ethernet Ports** that NIONs and NWare use. This is found here;

<http://peaveyoxford.com/kc/index.htm#13111>

This link leads though the **software** bits;

<http://peaveyoxford.com/kc/index.htm#5979>

Again, just a glance to know the topics.

After the above overview, here is what is needed to work with an existing system.

How do I see/control/do something with the NION;

If the project is available, open and then a “Connect” may be all that is required (found under File in the Toolbar). If the project is unavailable, or the Connect command is grayed out, then an **Upload and Connect** process is required and is explained here; <http://peaveyoxford.com/kc/index.htm#3897>

What if the **default IP Address** of the NION nE (which does not have a front LCD screen) has been changed (the default IP; 10.7.5.75 but a few may be 10.7.5.76 or 77). There is a software search feature available which is found here; <http://peaveyoxford.com/kc/index.htm#13622>

ALWAYS document any IP changes to the nE (as simple as writing it on the back). **CANNOT** emphasis this enough; **ALWAYS!!** Much easier than the above.

This link is the **Device Reference guide**, which will explain the controls of the algorithms that are a part of the project; <http://peaveyoxford.com/kc/index.htm#2433>

The **Forum** is searchable, so this site may answer some questions; <http://www.peaveyoxford.com/forum/index.php>

Last is this tip **before changes are made** (this is mentioned because you are new!!); do a Save As (changing the name from the existing project, so the system can be rolled back to the original) is a “best practice”.

The next step is to Deploy, but before you do this, read this entire topic!! **Deploying and Emulating Projects**. Yes, the entire topic;

<http://peaveyoxford.com/kc/index.htm#10547>

This topic is broad, and you may have read some sub-topics as pointed above. But if you are to this point (needing to deploy), you need better/complete understanding.

As value changes are made (adjusting a gate threshold for example), save these new value changes doing this;

- Click on File in the Toolbar.
- Glance down the list until “Setting” is found and click on the arrow.
- Click on Save Default Settings (which will save the “value” changes to both the computer and the NION).

Another tip is to copy the “golden version” of the project to another, different folder on the computer to make sure that a good version is not overwritten by accident.

Remember as a newbie, just because you **can** doesn't mean you **should**.

These will help point the way, but feel free to post, call or email about any question or problem you have. Our goal is for you to be successful.