

## RTI & Virtual Panel Setup Using VLANs

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### A. Overview

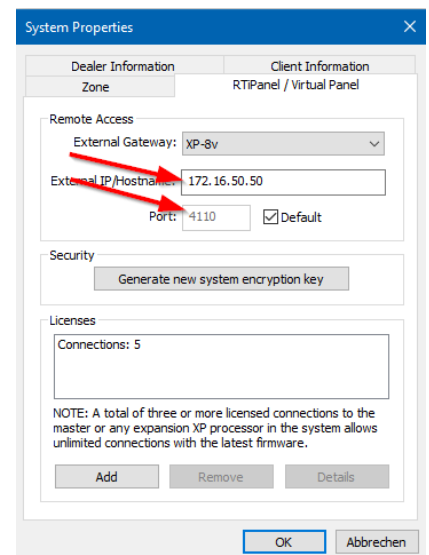
In a commercial environments, IT managers often times use different VLANs due to IT conformity and security, e.g.:

- One for XP processors
- One for computers
- One for Wifi devices.

RTI devices must be allowed to communicate between different VLANs.

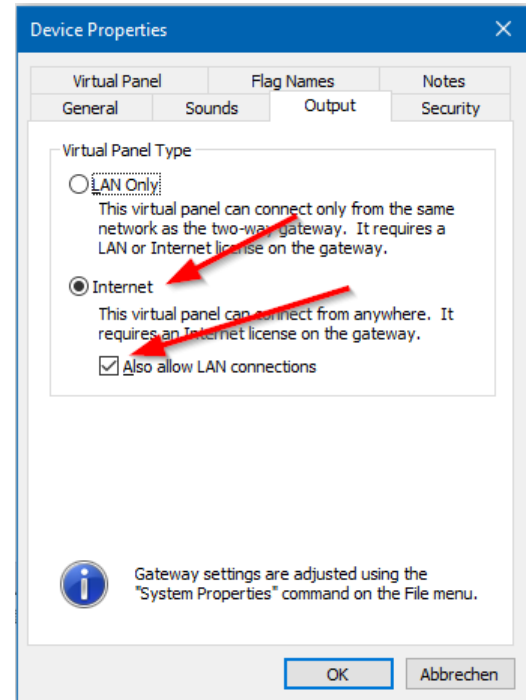
### B. RTiPanel Settings

1. Go to files
2. Click on System Properties
3. Select RTiPanel / Virtual Panel
4. Write down the processor's IP address and port you will see in the "External IP/Hostname" field

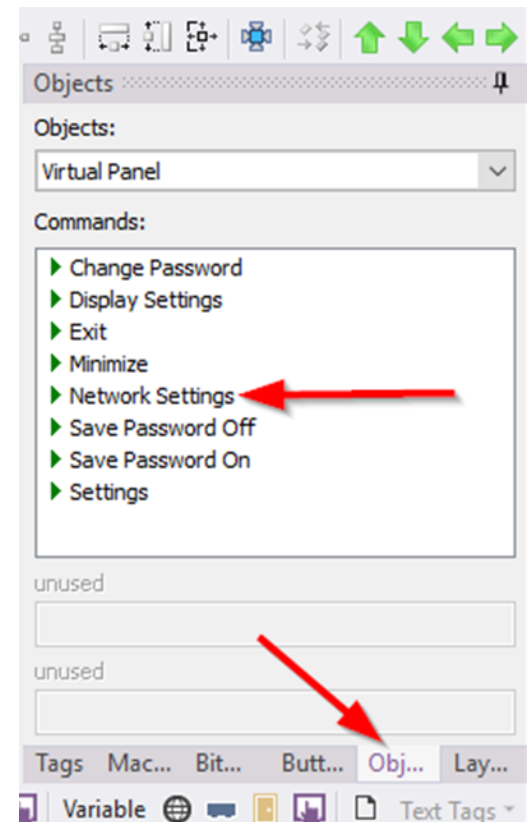


### C. Virtual Panel Settings

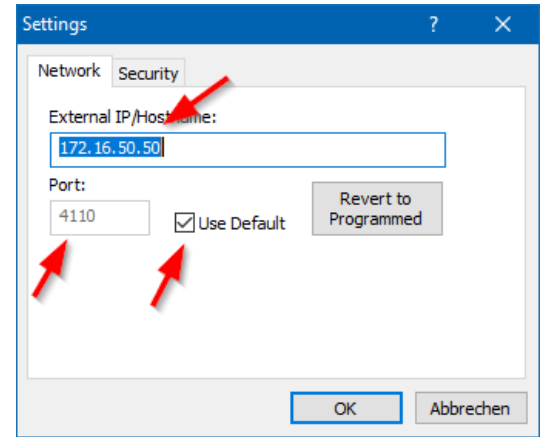
1. Go to Controllers in the Workspace
2. Right click on your Virtual Panel
3. Select Output
4. Change from “LAN Only” to “Internet” to allow the Virtual Panel to communicate with the processor.



5. Go to the “Objects” tab at the bottom right corner of the APEX window
6. Select Virtual Panel Objects
7. Create a “Network Settings” button using Drag & Drop



8. Start your Virtual Panel
9. Open Network Settings
10. Enter the processor's IP address in the field  
External IP/Hostname
11. Enter the correct Port number and/or check Default



These settings will be saved to the EXE File

### D. Commands using Sustain

When using RTI or Virtual Panel over the internet or a VLAN, the sustain function is disabled.

For instance, to adjust volume you would need to repeatedly press volume up or down to increment/decrement volume instead of just pressing and holding the button.

This is by design and meant as a safety feature.