Ethernet Power Settings

Ensuring your test laptop does not lose communications with your Ethernet connection

GENERAL

Your laptop may have power saving settings that allow it to shut down devices it sees as idle and/or pulling power. If your laptop's current Ethernet setup allows for this, it could turn off the Ethernet port without notifying you, blocking communications with your DAS.

AS A RULE:

If you have a laptop that will be used for testing, it's best to make sure this power setting is not enabled. The steps to doing so on a Windows 10 machine are below. As always, feel free to contact DTS Support if you have any questions.

NOTE:

The instructions and accompanying screenshots relate to Windows 10. The overall appearance may differ from your machine. If you are using a significantly different version of Windows and require different steps, please reach out to our Help Center for specific instructions.

Updated: June, 2020

At the bottom far right of your taskbar, you should see the icon for internet connections. In this example, we see the Ethernet icon:

99%

NOTE: Your icon may instead appear as:

Wi-Fi   Airplane mode   Mobile hotspot
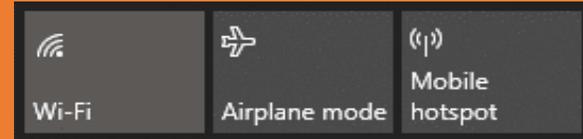
Right-Click this icon, and you will see two options. Left-Click the "Open Network & Internet settings" button.

Troubleshoot problems

Open Network & Internet settings

6/22/2020
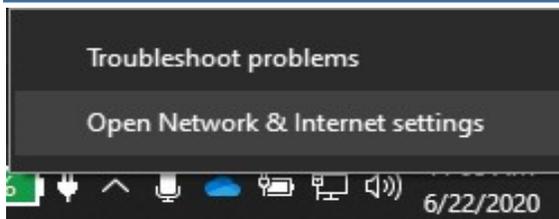
A larger screen will appear with overall settings. Click the "Change adapter options" button shown below.

Home

Find a setting

Network & Internet

Status

Network status

Ethernet 3
dts.local

You're connected to the Internet
If you have a limited data plan, you can make this network a metered connection or change other properties.

Change connection properties

Show available networks

Status

Wi-Fi

Ethernet

Dial-up

VPN

Airplane mode

Mobile hotspot

Data usage

Proxy

Change your network settings

Change adapter options
View network adapters and change connection settings.

Sharing options
For the networks you connect to, decide what you want to share.

This will bring you to a window that shows your available connections. Those connections will vary based on your setup.
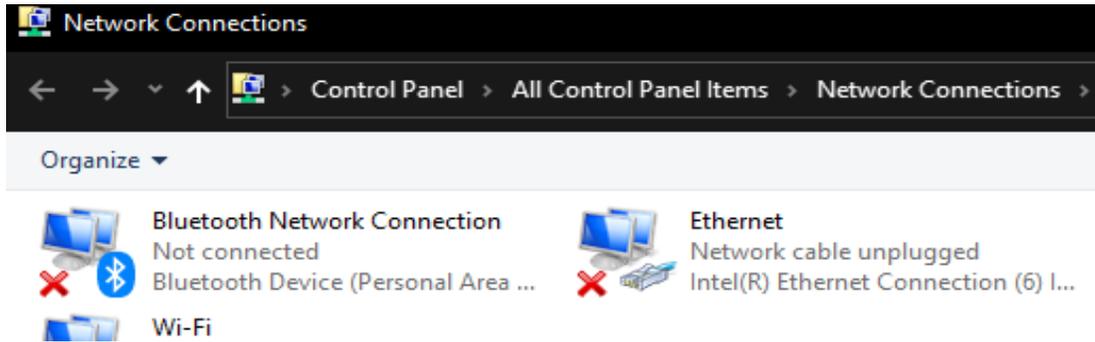
Find the Ethernet connection you are currently using, and Left-Click that icon. You will now see options above in a gray ribbon.
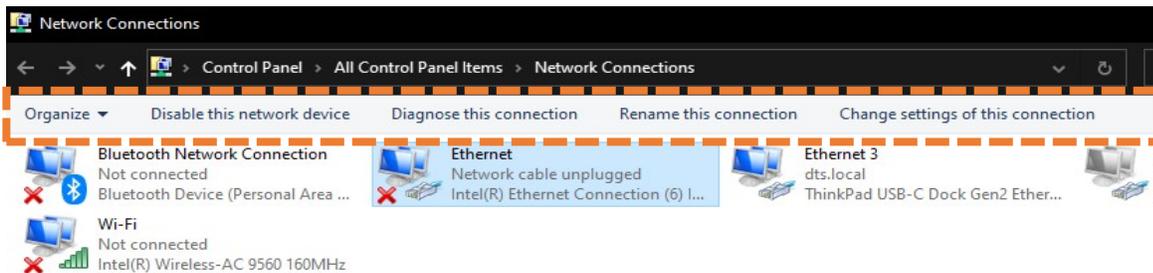
Left-Click the "Change settings of this connection" button:
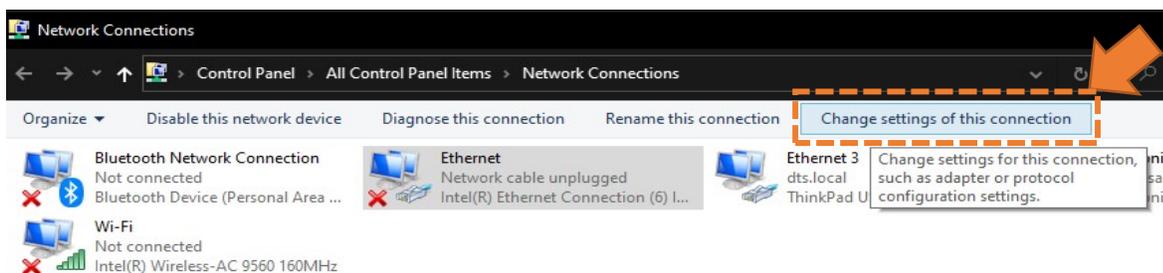
You will see a new window appear displaying multiple options for this connection. Left-Click the "Configure" button in the center.
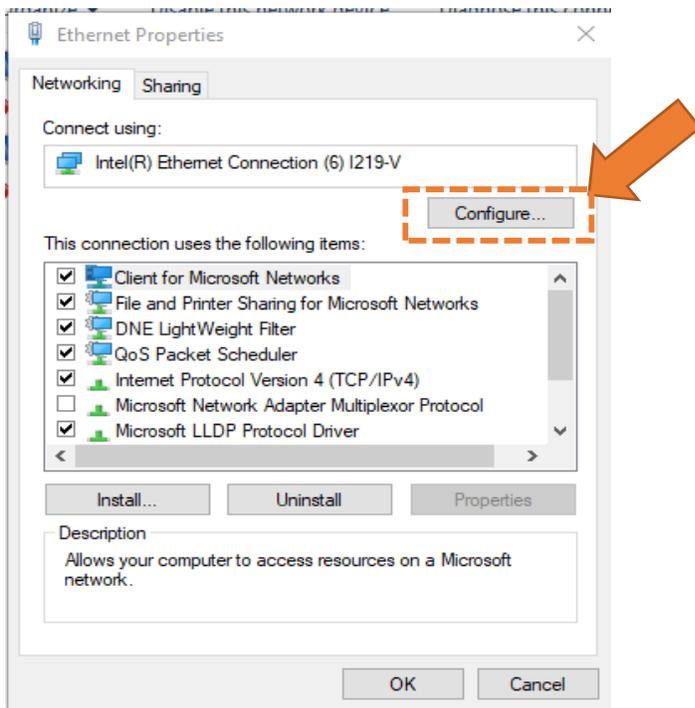
Once this window opens, Left-Click the tab labeled "Power Management", and you should see the options below.
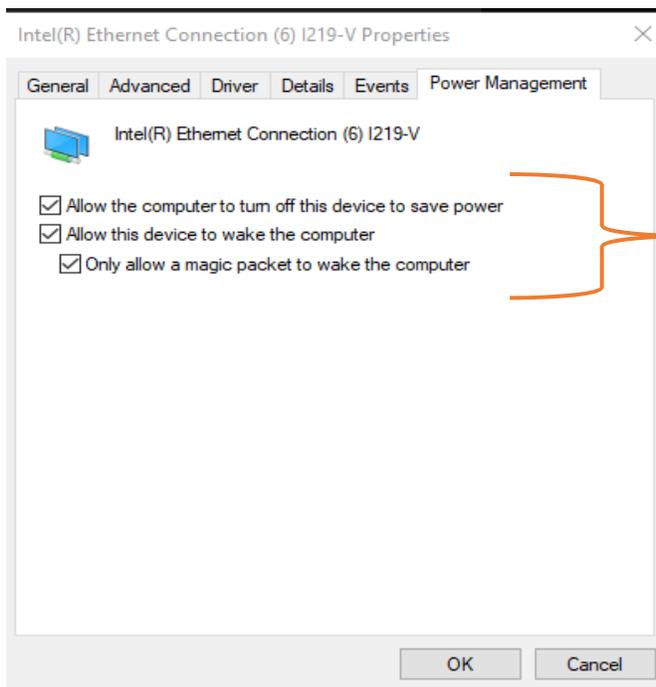
These options by default may turn off the Ethernet device if it is idle for some time, and this will block your connection with your DAS.

Make sure the top check-box, "Allow the computer to turn off this device to save power" is **un-checked**. You can do this by Left-Clicking the box. You'll notice that doing so will gray out the bottom options as well. Your settings should look like the below:

Intel(R) Ethernet Connection (6) I219-V Properties   ✕

| General | Advanced | Driver | Details | Events | Power Management |

Intel(R) Ethernet Connection (6) I219-V

☐ Allow the computer to turn off this device to save power
☑ Allow this device to wake the computer
   ☑ Only allow a magic packet to wake the computer

OK   Cancel
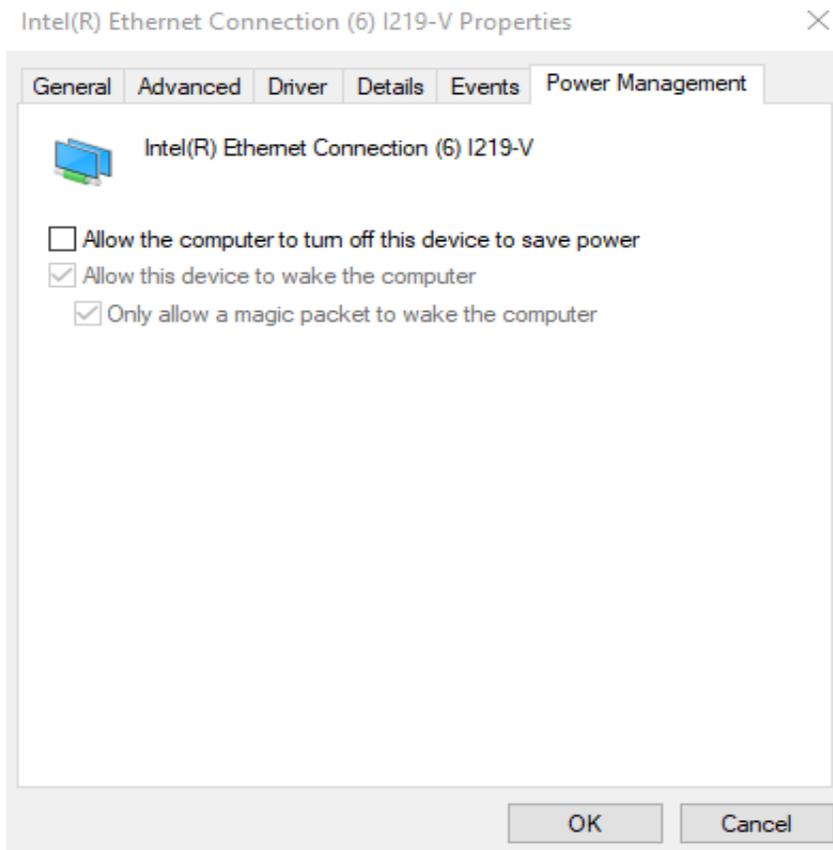
✓ You've completed the steps! Your Ethernet connection should now continue running without power savings interference.

Need More Help?

The Help Center has additional resources.

At support.dtsweb.com/hc/en-us you'll find useful documents such as Manuals, Datasheets, Drawings, and more. You can also search the Knowledge Base for your specific query.
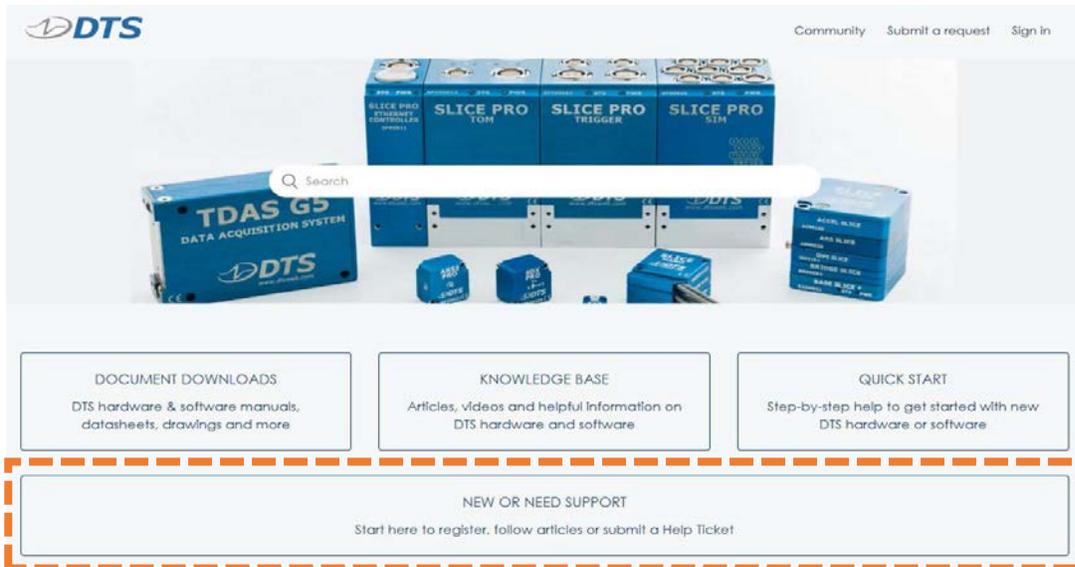
If you register as a user, you can submit a Help Ticket to speak to any of our 25 representatives across the globe!