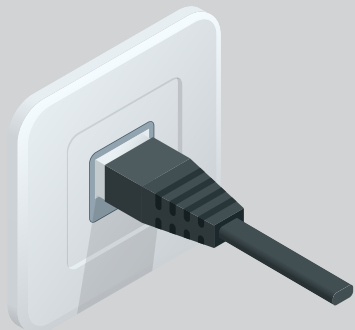# DATAPRISE

REMOTE WORK 101:
How To Secure Your Home Network

Plug computers into your router, not your modem
- A router provides Wi-Fi and is more secure
- A modem is what your Internet Service Provider (ISP) provided you, and is usually not designed for security
- Sometimes, your ISP provides you a combination Router/Modem, so confirm with them if you're not certain

PASSWORD

Change the default password on your router
- Default passwords are easily found online and greatly reduce the security of your router
- Consult the manual for your device:
  - Netgear
  - TP-Link
  - If you have an ISP provided device, you may want to contact customer service for assistance.
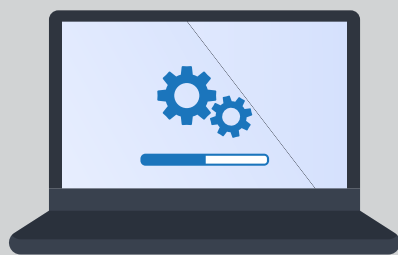
Ensure firmware is updated
- Periodic updates keep your device secure and running smoothly
- Usually, a warning will appear on the router's webpage when an update is required
- Choose automatic updates if the option is available
- Consult the manual for your device:
  - Netgear
  - TP-Link
  - If you have an ISP provided device, you may want to contact customer service for assistance.

Disable remote router administration
ADMIN
- You should not need to make network changes when you are away, and this increases security by removing an easy path to your device.
- Consult the manual for your device, however, this should be disabled by default on newer routers:
  - Netgear – Usually located under the "Maintenance" tab
  - TP-Link – Usually located under the "Security>Remote Management" tab
  - If you have an ISP provided device, you may want to contact customer service for assistance however this should be disabled by default on newer routers

Secure all wireless networks
LOGIN
LOGIN
- Don't allow neighbors etc. to access your network
- Configure to "WPA2" and "AES" and use a unique password, not the one provided by your ISP or device.
- Rename the "SSID" (name of your network) to something other than what was set as the default, we recommend not using your name or address
- If you have the option to, set the network to "hidden" or disable "broadcast"
  - When connecting a device select "Hidden Network" or "Other" from the list and type the "SSID" (name of the network) when prompted

Disable any wireless networks that are not in use
- Wireless networks that you don't use could be configured insecurely or using a password that is easy to guess
- Many wireless routers have a "2.4ghz" and "5ghz" network however it is uncommon that you would use both networks at the same time