

### Topic – PULSALink, how the controller interfaces with customer network

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MicroVision EX cooling tower controller with PULSALink communications requires PULSALink activation to connect the unit to the internet and PULSALink cloud communications website. It is the customer's responsibility to provide internet access in order for the controller to communicate; via an Ethernet cable. There is no internal modem or device within the controller to do this, thus external access to the internet is required.

In order for the controller to have access to the internet (by way of cellular modem, Wifi adapter, customer's network, etc), here is some additional information that may be needed to make sure that this is achieved:

1. The PULSALink server has a RSA 2048-bit encrypted key and a SHA256withRSA signature algorithm.
2. Protocol-Ethernet to internet
3. Typical Connection device required, Router, or cell modem with internet access
4. The protocol between the server and MVEX is HTTPS leveraging TLS 1.2
5. Connection type: RJ-45
6. IP and port handling: DHCP (static option in future version) Port 443
7. Typical Data use: Less than 200MB/month (depending on settings and download)

For further questions, contact your system administrator or Pulsafeeder Technical Support at 941-575-3800 or [ppgspotech@idexcorp.com](mailto:ppgspotech@idexcorp.com)