PULSAFEEDER®

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# MicroVision EX and PULSAlink
Network Security

Scope:
This document is intended to outline the MicroVision EX's networking security parameters. It outlines the design considerations made to ensure all controller data is thoroughly protected and any LAN (local area network) remains secure. The information contained in the document is non-proprietary and is intended for distribution.

Connectivity Specifications:
- Physical Layer: IEEE 802.3 – Wired Ethernet protocol (CAT5 cable w/ RJ-45 connector)
- Connection Protocol: DHCP (Dynamic Host Configuration Protocol)
- Communication Port: 443 (HTTPS)
- Typical bandwidth: 480 Mb/mo.*

Communication Architecture:
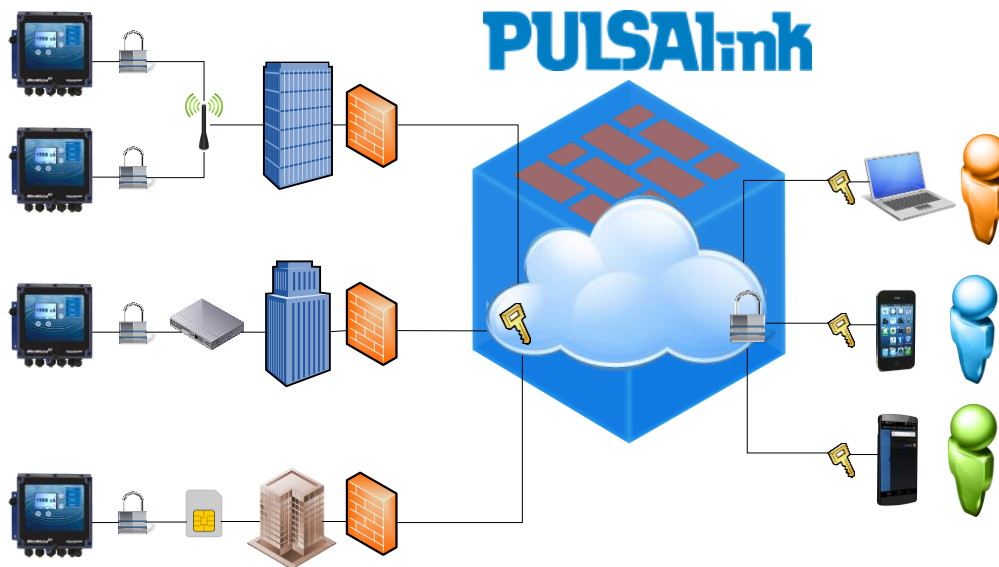
Access your controller securely through PULSAlink. Encrypted two way communication. Leave networks protected and secure without the need for any modifications.

Communication Security:
The embedded device is preconfigured to communicate to https://www.pulsalink.net/. All information during transmission is completely encrypted. No configuration required.

User Accessibility:
For an end user to access a controller on https://www.pulsalink.net/ they will need their own credentials setup and would need to be assigned access to any requested controller. Even when interacting with the controller the user is not directly connected to the controller. The LAN where the controller resides remains isolated from the end user.

* Bandwidth usage based on MVECPOX model on software v2.6 in normal data mode with a weekly 5 minute live data stream.

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