



## APPLICATION NOTES

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INTEGRATING VERSO IN YOUR IT INFRASTRUCTURE

# INTEGRATING VERSO IN YOUR IT INFRASTRUCTURE

This document describes the network requirements and the specific firewall configuration needed when using Powersoft VERSO to monitor via MyUniverso Powersoft Cloud an installation site with Powersoft amplifiers and accessories.

## System Components

A typical setup can be easily created by using the following equipment:

- Powersoft amplifiers
- Managed network switch
- Powersoft Verso
- Firewall device

The scheme below shows a simplified running network infrastructure to represent basic connections and configurations that can be scaled and expanded according to project needs:

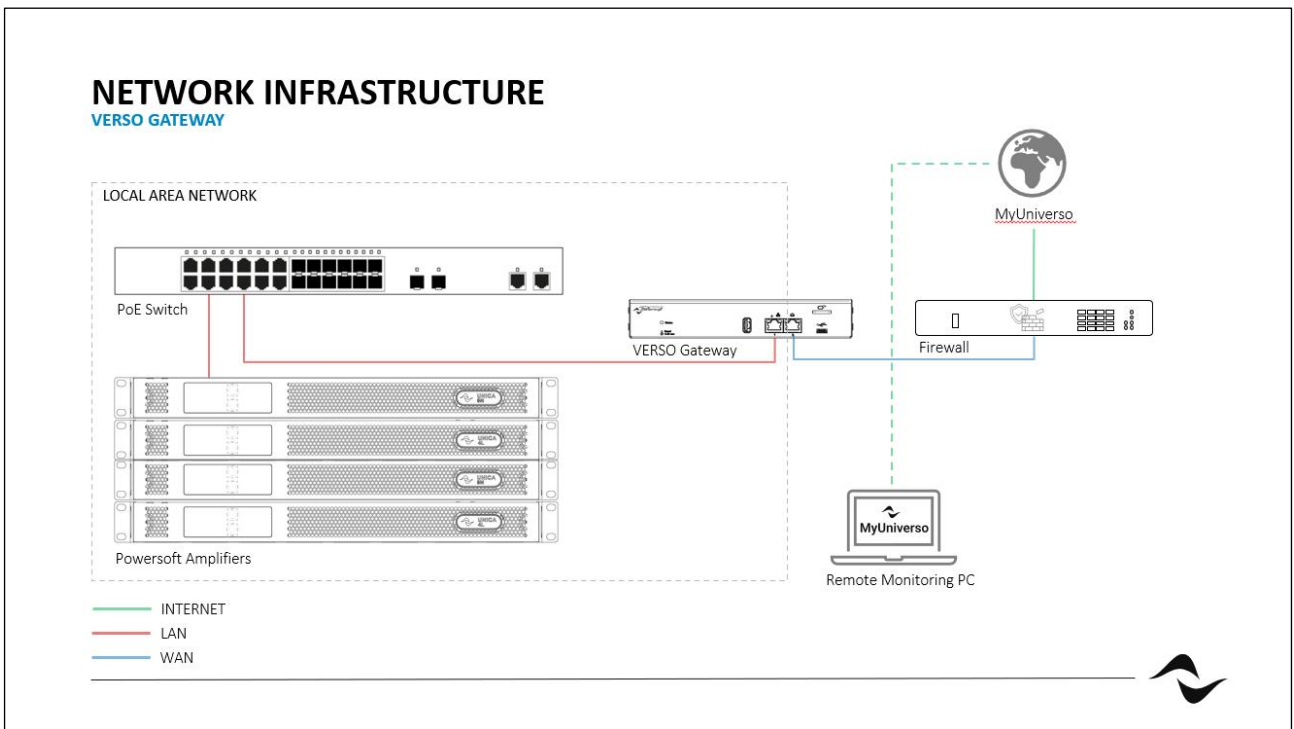


Figure 1 – Example of network infrastructure with Verso

Once the system is deployed the site can be fully monitored via MyUniverso using any remote PC or mobile device with a web browser and internet access loggin to [myuniverso.powersoft.com](http://myuniverso.powersoft.com)



# Firewall Configuration

Here is the list of required ports and protocols to be opened in the Firewall device:

Container	FQDN / Wildcard	Protocol	Port	Usage
		MQTT	8883	Device communication with Azure
		HTTPS / WSS	443	Secure web communication
		HTTP / WS	80	Fallback web communication
Azure IoT Hub	*.azure-devices.net https://cmcpioptsweuhub.azure-devices.net/			
Azure Applications	myuniverso.powersoft.com universo.powersoft.com			
GeoRef	https://ipinfo.io/			

## Notes:

For additional information you can consult the following Microsoft Reference Documentation: [Allow connections from IoT Edge device – Azure IoT Edge | Microsoft Learn](#).



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