Ethernet for flow measurement
The first Ethernet flowmeter with PoE from ABB

A large, Canadian tire manufacturer’s objective is to reduce their water usage by 30% with the help of ABB’s Magnetic flowmeters with Power over Ethernet (PoE)

Measurement made easy

Introduction

While meeting with the customer’s electrical and instrumentation supervisor for a consultation, Everest Automation’s representative in Nova Scotia was told that they were planning to install a few dozen Magnetic flowmeters around the plant to more accurately monitor water usage, and to determine where they could reduce consumption.

Challenge

As they toured the facility, the customer described the difficulty of getting signals back from certain areas of the plant, as there was no signal cable run to those areas.

ABB Solution

The Everest Automation representative presented the ABB FEP630 Ethernet flowmeter with PoE (power over ethernet) as a possible solution to this problem, as he had recently watched an ABB web presentation on the FEP630 flowmeter, given by the ABB Canadian product manager.

The supervisor was very interested in the ABB FEP630 ProcessMaster with the PoE feature. Specific areas on the perimeter of the building were identified where this technology could be utilized.
Conclusion

After many discussions, the customer ordered two ABB ProcessMaster FEP630 flowmeters with PoE to validate the application, which, if successful, will lead to four to six more units required in this part of the plant.

This large Canadian tire manufacturer took advantage of ABB’s Ethernet IP communication, delivering significant operational and financial benefits.