

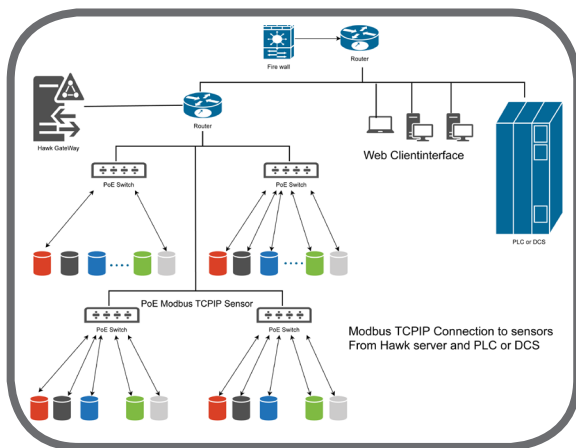
A Higher Level of Performance



Brochure

HawkEye 365™ PoE Monitoring System

Power over Ethernet in-plant and cloud-based asset monitoring system



For more information, please visit >
www.hawkmeasure.com

HawkEye 365™ PoE Monitoring System

- » Real-time plant data
- » Implemented on local server
- » Eliminate costly downtime
- » 24/7 access to data and tank health
- » Ability to view on web
- » Alarms and alerts



HawkEye 365™ PoE Monitoring System

Power over Ethernet Asset Monitoring System



Introduction

The HawkEye 365™ PoE Monitoring system is a complete level measurement and in-plant monitoring system featuring Power over Ethernet communication. Unlike anything on the market, this system is uniquely different due to the communications capability of the level transmitter's seamless PoE connectivity to the Hawk Measurement in-plant monitoring server. The server communicates on a multi-tiered server based architecture and has the ability to access data remotely via a web portal for 24/7 monitoring from any web browser, smart device or computer. Plant level operator screens are customized to the customer's specifications or approvals to include control room level and operations level interface screens. The graphical user interface will be common throughout, although, permissions can be set for different tiers such as plant-level, finance, or executive level. If any troubleshooting is required, the HawkEye 365™ will communicate to remote service technicians for off-site diagnostics, sensor health, and re-configuration without ever climbing a tank, or entering the facility.

System Components

The HawkEye 365™ system includes Hawk's CGR™ PoE Guided Wave Radar (GWR) Level Transmitter which features a unique built-in Ethernet port. The level transmitter then connects via Ethernet to a server provided by HAWK or a server that already exists at the customer site. If remote monitoring is required, the server will uplink to the Cloud Based Web Portal. Each level transmitter is configured precisely to the customer's application for quick installation. The HawkEye 365™ system is simple to install, easy to use, and provides the customer the ability to continuously monitor their assets securely, remotely, and reliably.



**Hawk's CGR™ PoE GWR Level Transmitter*

How It Works

The local server will communicate to the Hawk CGR™ PoE GWR Level Transmitters over TCP/IP protocol. It will collect data based on the programmed interval for the tanks and then displays the data on the local Client dashboard. The local server will also publish the remote tank data from the web portal. The local server will also push the data periodically to the Web portal based on a programmed interval. Tank health, inventory levels, network status, battery levels, and tank alarms can be accessed through the local and online portal.

Features & Benefits

- Local server for secure, real-time data
- Web portal to access data and assets remotely
- Accurate readings with GWR level transmitters
- Eliminate costly downtime with tank alarms and alerts
- No need to climb tanks with remote sensor diagnostics
- Configure, monitor and communicate to tanks remotely
- Ability to set dashboard permissions for different job tiers
- Reduce costs, increase operations efficiency

Expansion Ability

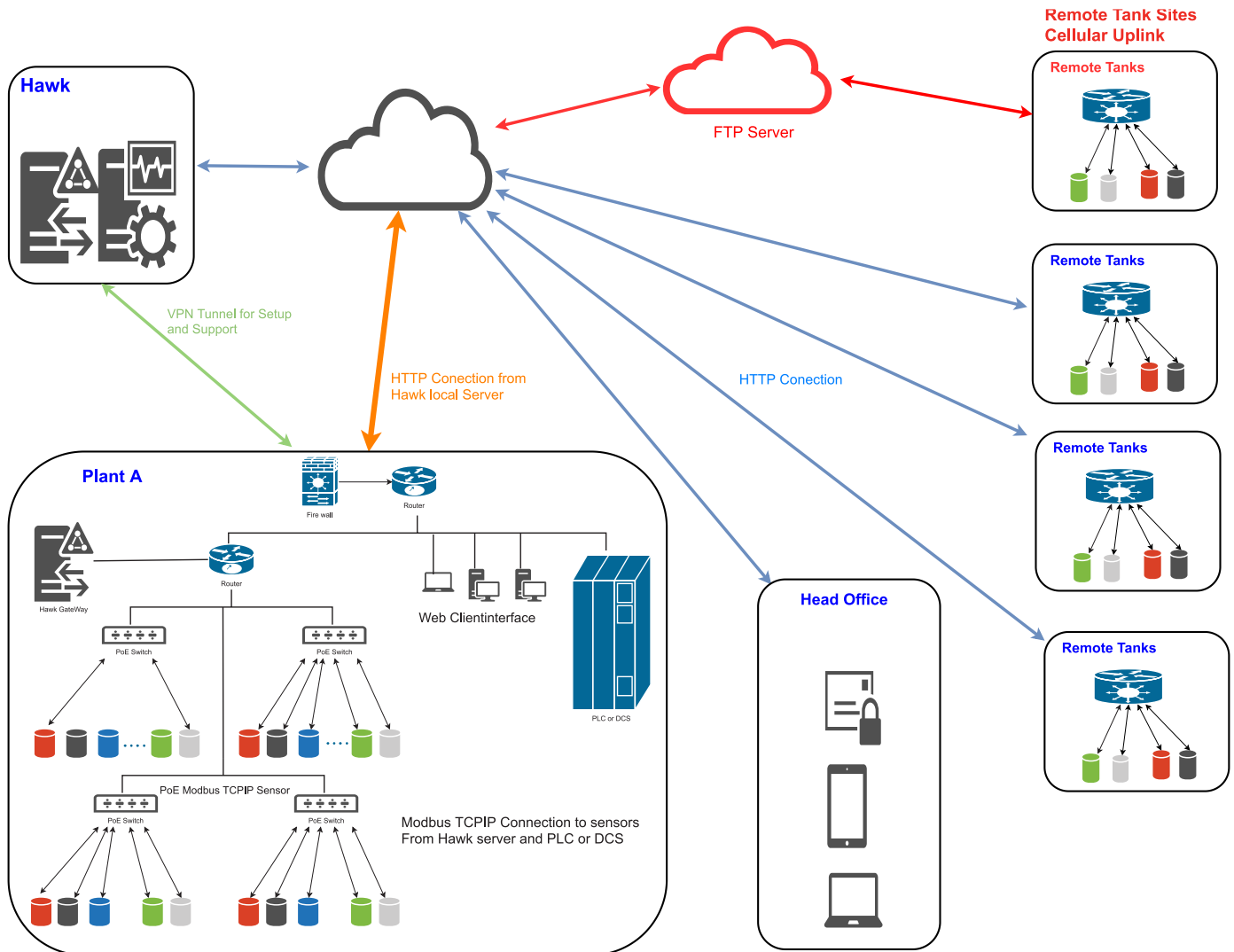
Hawk has a large amount of field experience in process instrumentation and remote monitoring systems with remote service capabilities. The HawkEye 365™ PoE monitoring system deploys into a single or multiple operating plants at customer sites. The system is designed for expansion to uplink data to unlimited facilities and unlimited remote sites.

HawkEye 365™ PoE Monitoring System

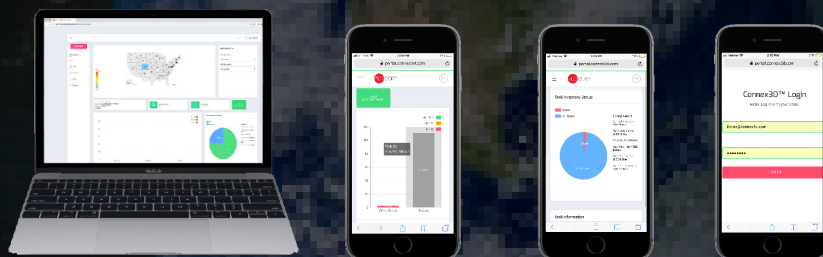
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HawkEye 365™ PoE Monitoring System Diagram



Monitor assets from anywhere in the world with the online portal



HawkEye 365™ PoE Monitoring System

Power over Ethernet Asset Monitoring System



About HAWK

Hawk Measurement Systems (HAWK), a world leader in level, positioning, asset monitoring and flow measurement technology, provides cutting-edge equipment and complete solutions to the global industrial market.

Established in 1988, HAWK has won several prestigious awards for their breakthrough technologies. Some of these technologies include Acoustic Wave, Ultrasonic, Microwave, Radar, and Fiber Optic Sensing. HAWK designs and develops innovative measurement technology that is extremely reliable and accurate, simple to install, easy to operate and offers maximum efficiency.

For over 30 years, HAWK has successfully solved difficult liquids and solids applications in a wide range of industries including mining/mineral processing, water supply/waste water, oil & gas, bulk material handling, chemical, power, cement, pulp & paper and food. HAWK is committed to providing best-in-class products, services and technologies that will have unsurpassed value for their customers.

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Additional product warranty and application guarantees upon request.

Technical data subject to change without notice.

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