Netilion Inventory combined with Micropilot FWR30

Smart level measurement for optimized logistics

You have everything you need in one package with Netilion Inventory and FWR30: a measuring device (incl. battery) that is easy to handle, connectivity, digital visualization of all measured data – all ready to use in a matter of minutes! This package is a cost-efficient solution for typical logistics problems in the case of mobile containers. It provides you with an overview of all the current levels - whenever and wherever you wish.

Netilion Inventory keeps you up to date on your stock. Netilion Inventory is a digital service for inventory management that allows you to control your supplies. No matter where you are, you can monitor your containers and tanks. Having exact data about how much you have is the best way to optimize storage and logistics.

https://eh.digital/netilion-inventory

The Micropilot FWR30 is a cloud-based level sensor that supports users through its intelligent inventory control and management of the supply chain. Find out more:

https://eh.digital/fwr30

Micropilot FWR30 mounted on an IBC

Combined with the FWR30, Netilion Inventory provides you with an overview and insight into your inventory

The transportation of liquid containers is often associated with risks. The containers frequently overflow as the level is not monitored continuously and thus no warning is issued before the liquid overflows.

This causes various problems both for the customer and users such as spills from wastewater containers that cause bad odors. Other issues include the long waiting times until the supplier can empty the container, the effort for cleaning etc.

Our solution Without an overview of the container levels, it is necessary to go to each individual site and perform a manual test. This often results in empty runs. A combination of Micropilot FWR30 and Netilion Inventory provides the solution. Netilion Inventory gives the user an overview of where the containers are located (geolocation) and what their current level is. An e-mail notification is sent when a defined point level is detected allowing the user to respond quickly and appropriately. The additional availability of ‚low-low' and ‚high-high' limit values is important for numerous applications. It means that information is available at an early stage, a notification is sent and the emptying can be planned accordingly.

Advantages and added value The user has an overview of the current levels and locations and receives a notification when defined limit values are reached. This prevents overfilling and the inconvenience it causes, and means that the logistics can be planned more efficiently.

The mobile signal (output signal) is selected automatically. Depending on availability, the Micropilot FWR30 supports NB-IoT, LTE-M, 2G or the LoRA signal..

Endress+Hauser

People for Process Automation

Micropilot FWR30

Advantages:

- Full transparency in the storage and transportation of liquids
- Secure data transmission combined with a flexible, digital service portfolio
- Information access from everywhere at any time

Application:

- Level measurement and tracking of mobile plastic tanks such as IBCs
- Level measurement and inventory management of plastic tanks which are located at different sites

Pair Netilion Inventory with the Micropilot FWR30 for constant level monitoring

The Micropilot FWR30 IIoT level transmitter is a sensor that is connected with Netilion and is easy to install and use. When used in conjunction with Netilion Inventory, it allows you to access your data from anywhere and at any time.

www.addresses.endress.com

AI01158S/04/EN/01.21

Endress+Hauser

People for Process Automation