

Oil and Gas:

Variables monitoring in oil tanks

An Oil Company decided to implement a monitoring and remote controlling system for their bulk oil tanks, located in several gas stations, in order to be notified if any of the following events occurred:

- Oil tanks covers opening (to detect product adulteration or erroneous refilling with other products).
- Remaining oil less than 10% of tank capacity, to order a refilling.

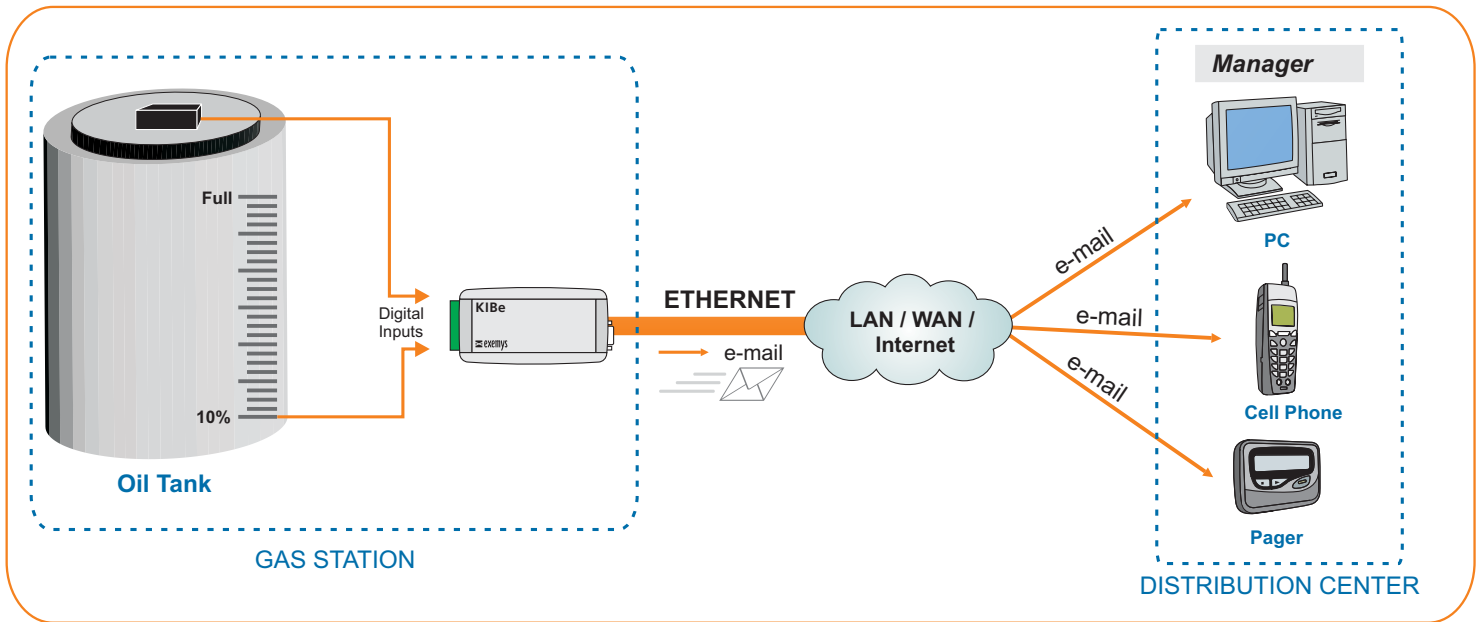
Having that information they achieved an improved efficiency in their process management, because they can monitor remotely every tank and know whether gas stations have enough oil for sale.

Our customer projected a solution based on one of our devices, Exemys' KIBe. This device sends an e-mail to a distribution center if any of the events described above is detected, without using any computer or other expensive system.

Since every KIBe has eight digital inputs and each tank has only two outputs, each device may monitor up to four tanks independently.

Benefits

- Efficient management process with direct benefits for gas stations.
- Gas Company avoids content adulteration in oil tanks.
- Statistic data can be obtained from each point of sale, like number of refills or sales volume.



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