



Badger Meter

Fluid Management System

AddOn for LMS RF High-End System
Tank Surveillance

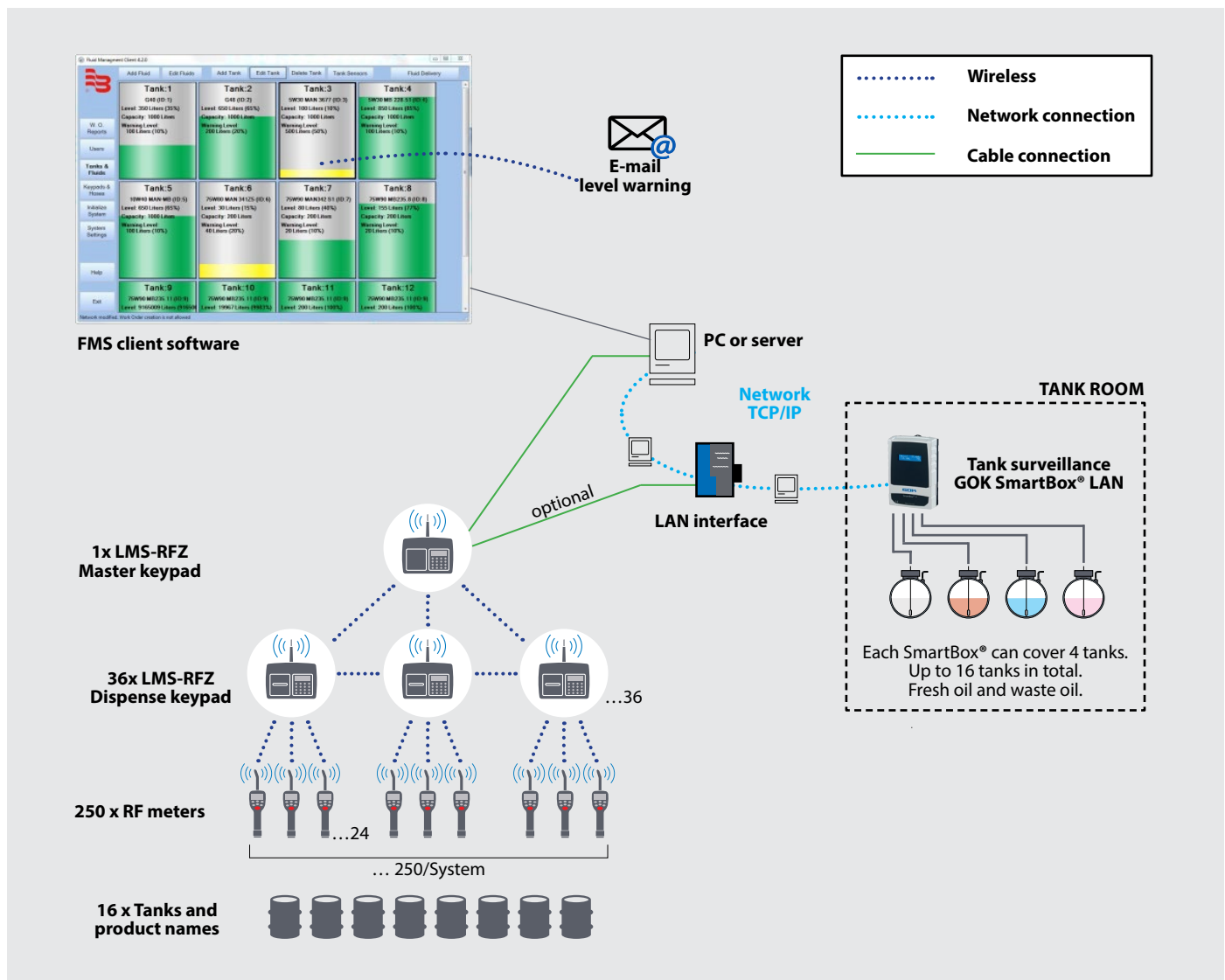
DESCRIPTION

The Badger Meter fluid management system can be connected to a LAN based tank surveillance system SmartBox® 4 LAN.

It can be used for remote monitoring of the level in unpressurized tanks containing liquids. In addition to recording the tank content and remote data transfer, other functions can be implemented by system enhancements. It has a 2-line LCD display, four measuring inputs to connect the probes, a fault message input and an integrated network connection for remote data transmission.

FEATURES

- Four probes can be attached to one SmartBox® LAN PRO.
- Additional units can be added to cover 16 tanks.
- Additional administration software available.
- The FMS software can send a tank level warning by e-mail to various recipients.
- The level in movable trollies can still be calculated by consumption.



SPECIFICATIONS

SmartBox® power requirements	230 V AC 50 Hz max. 4 VA	
Connection	Ethernet RJ45, probes 4 terminal blocks	
Operating temperature	14...122 °F	-10...+50 °C
Protection class	IP54	
Level sensors / Probes	4 for each SmartBox®	
Measuring input	4...20 mA U ₀ 20 V	
Material	V4A; POM; FPM; HD-PE	
Accuracy	± 1 %	
Measuring range (standard)	0.0145 psi	250 mbar
Length of probe cable	236 in.	6 m
Protection class	IP68 acc. to EN 60529	
Operating media	Diesel fuel, urea solution, fuel oil, fuel oil bio, industrial oil, water or oil water mixtures, waste oil	

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