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FueIFACS NoMix Lite

Crossover and Overfill Prevention



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Crossover and Overfill Prevention

When loading a tank truck, drivers need to connect the right loading arm to the right truck compartment. If they don't, the dispatched order cannot be fulfilled correctly, and the wrong product and/or volume may be loaded. This could cause overfill at the terminal, it may contaminate product in the underground gas station tank when unloaded, and the customer could get the wrong product.

Now, all of that is preventable.

FuelFACS NoMix Lite Crossover Prevention cost-effectively and unobtrusively stops product from being loaded into the wrong truck or compartment. An information ID tag fits onto each truck compartment API coupler that uniquely identifies the truck and compartment to the FuelFACS Terminal Management System (TMS). A tag interface unit at the loading bay scans the ID tag and notifies FuelFACS which loading arm is connected to which compartment. FuelFACS compares that information to the dispatched order, as well as to the truck and compartment profile in its database.

If everything matches, FuelFACS authorizes the preset to load the truck compartment. Drivers do not have to do anything nor will they see anything different. However, if the loading arm is connected to the wrong compartment, loading is not permitted and the driver is notified via a message on the preset or driver entry terminal (DET). Loading is allowed to begin only when the driver has connected the correct loading arm to the correct compartment. FuelFACS NoMix Lite Crossover Prevention ensures that drivers adhere to quality and safety requirements when loading petroleum products.

Benefits

- Automatic positive trailer and compartment ID
- Ensures drivers load correctly based on their dispatched orders
- Ensures drivers load the correct trailer and compartment
- Reduces the possibility that incorrect products are delivered
- Reduces the risk of overfilling during loading
- Options to lock out drivers or trailers
- Easy-to-install hardware at the loading bay
- Low-cost investment for trailer ID tags
- Unobtrusive shadow operation for the driver
- Seamless integration with FuelFACS TMS
- Alarm and event time tracking for full traceability
- Reporting and email notification of each alarm and event
- Improved HSE for trailer loading, quality control, and terminal operations

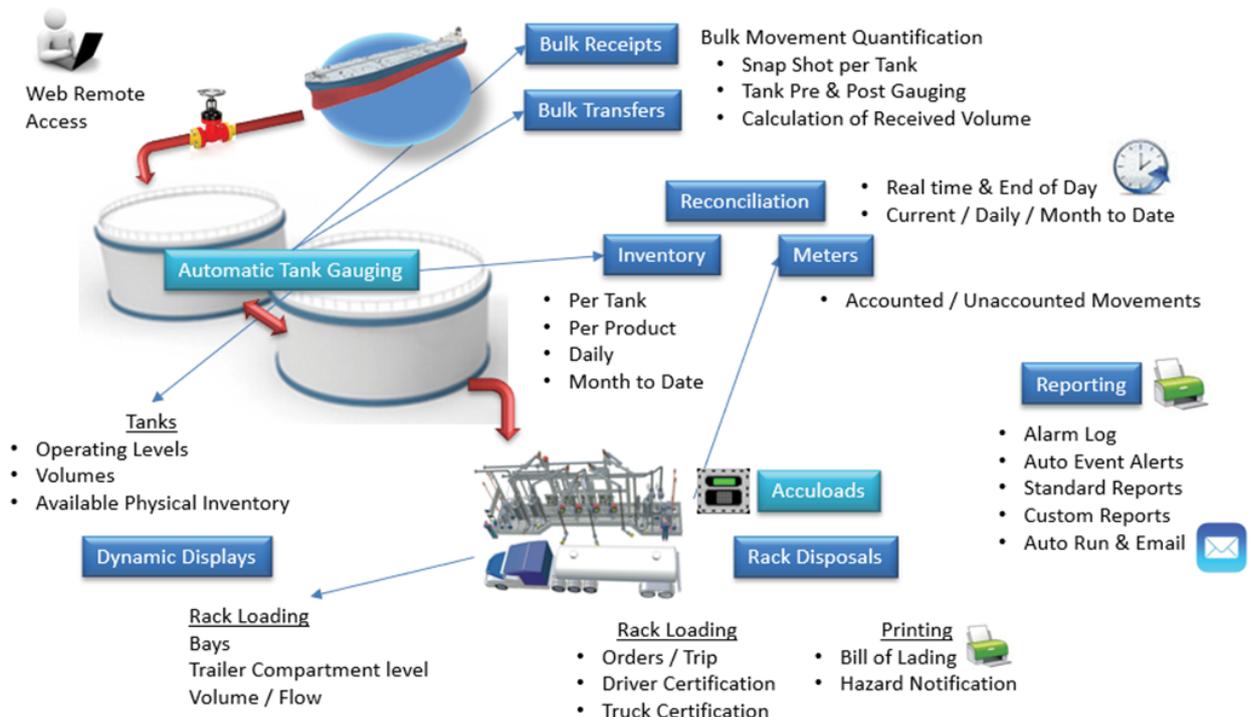
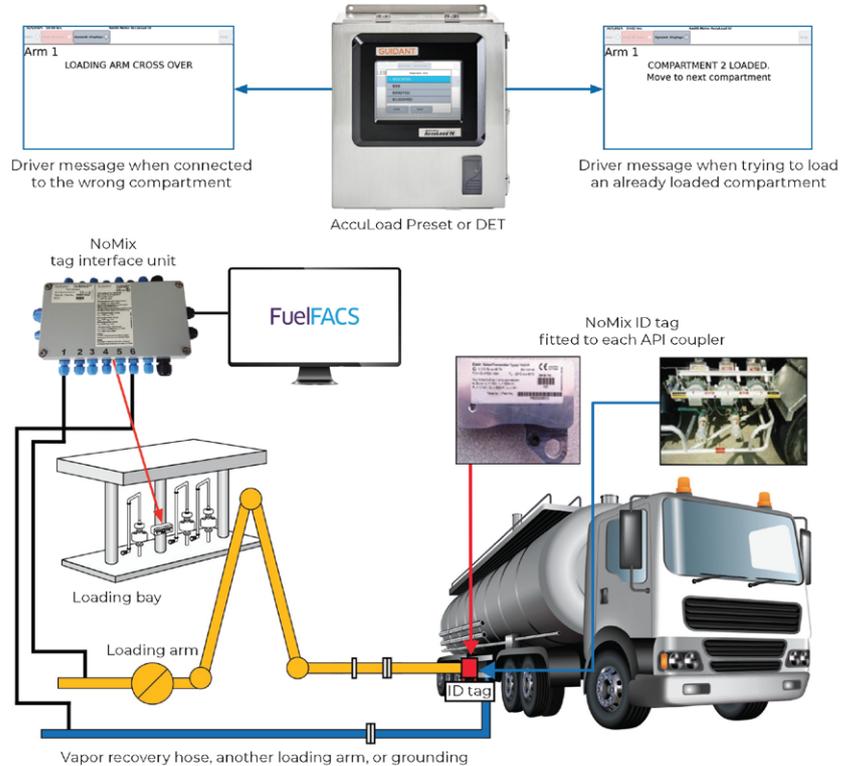




Positive Trailer and Compartment Identification Operation

NoMix is based on unique compartment identification using an ID tag. The tags work on a closed circuit (EN 14116) and via another loading arm, vapor recovery hose, or grounding. No external power is required.

If the loading arm is connected to the wrong compartment, FuelFACS TMS sends an error message to display on the preset or DET and loading is not permitted until the loading arm is connected to the correct compartment.





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