



fluidity.nonstop[®] is about keeping your processes running. And it's our promise and our commitment to a level of service and a quality of product, performance and expertise that has never been bettered.

By its nature, *fluidity.nonstop* is never static, that promise is ever-evolving and improving. As needs and demands change, we work to meet those new challenges and try to surpass them. We are leading source of pumps and pump expertise for the process industry in Europe and South Africa and we intend to maintain that position by working fluidly and ceaselessly to be the best.

For more information, please visit www.axflow.com

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fluidity. nonstop

in terminal automation

Complete terminal automation solutions, modern technologies, full service.





fluidity.nonstop in terminal automation

Terminal automation may contain all or some of the following components.

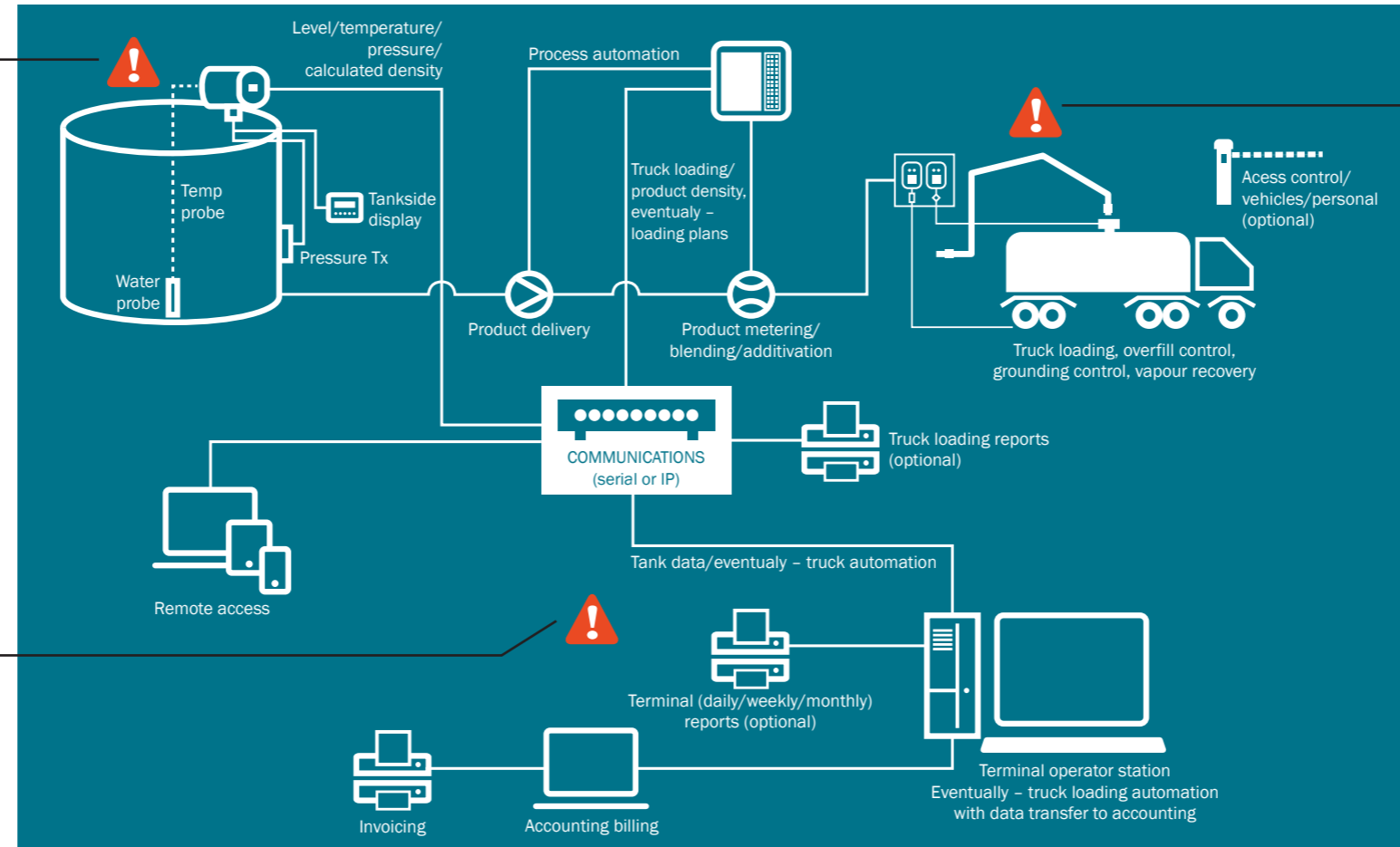
2. Product in storage

Objective: monitoring of actual volume, temperature, density and mass of the product.

Equipment used: high accuracy radar level gauging system.

4. Product and performance monitoring

Planning resource requirements (for materials and capacity), tracking resource consumption, control of work-in-process (WIP).



1. Product receipt

Railroad car, ship, barge or truck unloading

Objective: safe receipt and volume metering of the product - either as level in the tank vehicle or volume metering by flow meter in the system.

Equipment used: top or bottom unloading arms with optional measurement systems for custody transfer metering, environmental control (as closed loading systems) and with/without vapour recovery.

3. Product shipment

Railroad car or truck loading

Objective: safe, accurate product loading into truck, precision dosing in pre-set amount per compartment, data registration (volume, temperature) for transfer to accounting system; optionally - blending and additivation.

Equipment used: bottom or top loading arms, grounding-overfill controllers, measurement systems for custody transfer metering.

Safety & control - Control & safety

Our complete solutions for oil and chemical terminals include:

- technological equipment (pumps, valves, loading arms),
- process automation (ground-overfill controllers, preset controllers, optionally with blending and additivation, PLCs),
- terminal management (server or cloud based systems for data management, transfer, access).

