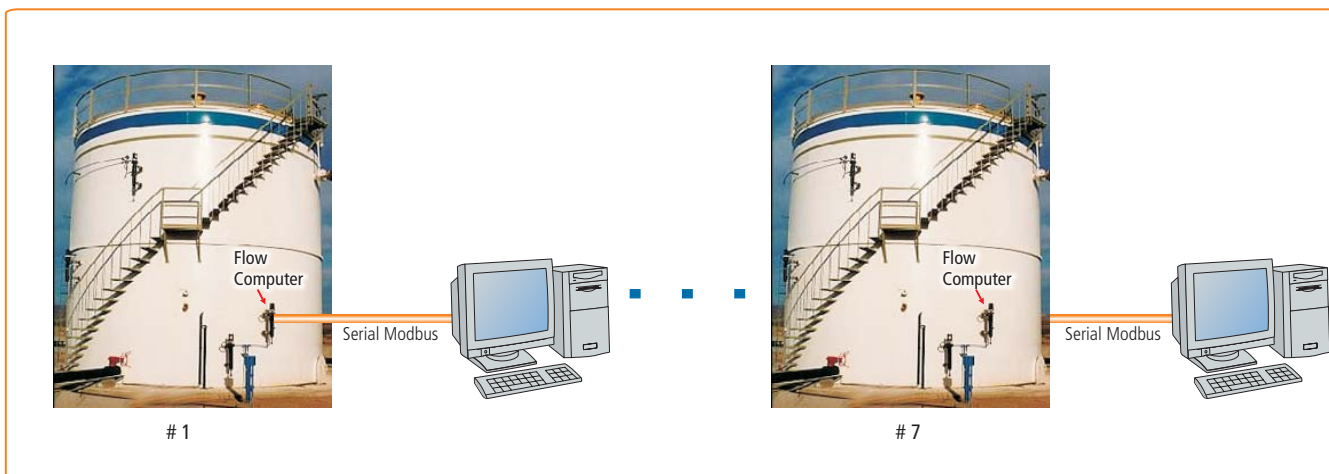


Oil & Gas:

Fuel flow control in storage tanks.

An oil company controls fuel loaded into tanker trucks using flow computers connected to its seven storage tanks, distributed in several plants. These computers count and provide an output data in serial Modbus format. Data provided is how many gallons are delivered and it is sent to a local computer through a serial link running Serial Modbus protocol.

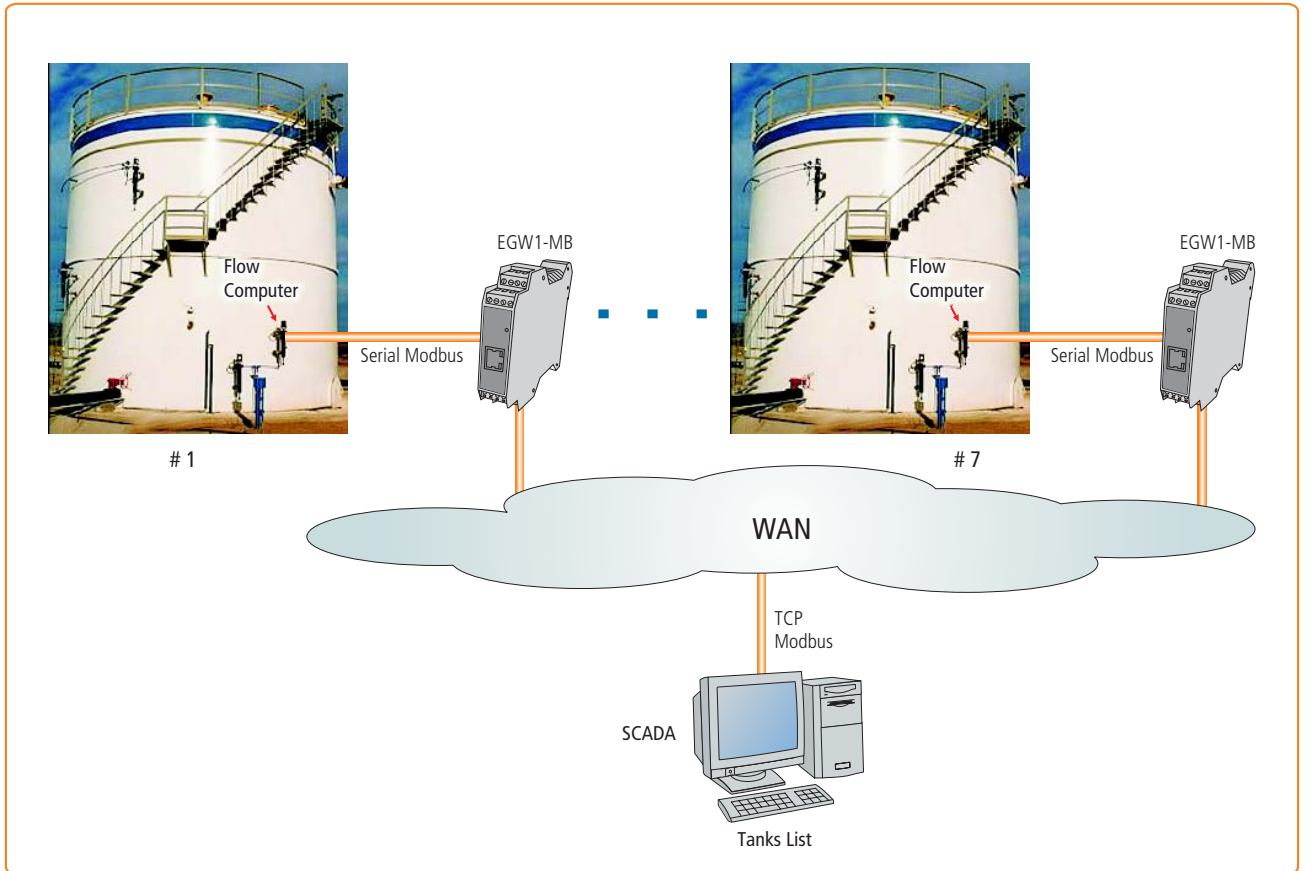


This original solution presented a clear disadvantage: oil information was not centralized. Indeed, it was located around seven sites geographically spread, while computers were not integrated to the network. Thus, headquarter employees could not make any real-time invoice, since no fast access to information was available.

Using the EGW1-MB, information gathered by computers is now fed into our converters in Modbus TCP format and sent across the corporate WAN. Thus, they can read data from each tank remotely, using a pre-existent SCADA so they have enough information to generate invoices in real time.

Benefits.

- Centralized, real time monitoring and controlling.
- Reduced operating costs.
- Maintenance tiers improve efficiency.



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