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Thanks, John!*



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**Product** 815PT Smart Pressure Transmitter  
**Application** Continuous Emissions Monitoring  
**Industry** Chemical/Petrochemical/Refining

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**Challenge** A California refinery was installing an analyzer monitoring system (AMADAS) that uses inputs from the sample system and analyzers to alert when they should perform preventative maintenance. The customer needed a way to measure the high pressure side of compressed cylinder gas regulators for their continuous emissions monitoring systems. Because there are anywhere from 3 to 12 cylinders in a row on their shelters, they wanted to utilize Modbus in order to minimize their wiring requirements.

**Solution** The SOR 815PT pressure transmitters were the perfect solution as it allows them to track the gas consumption on their calibration cylinders while communicating via Modbus. By accurately tracking the gas consumption, they can tell if they have a leak in their system. Also, with the 815PT's ability to provide historical usage, they can be alerted when a cylinder is low and they can more efficiently keep inventory on hand.