



Keeping the World Flowing  
for Future Generations

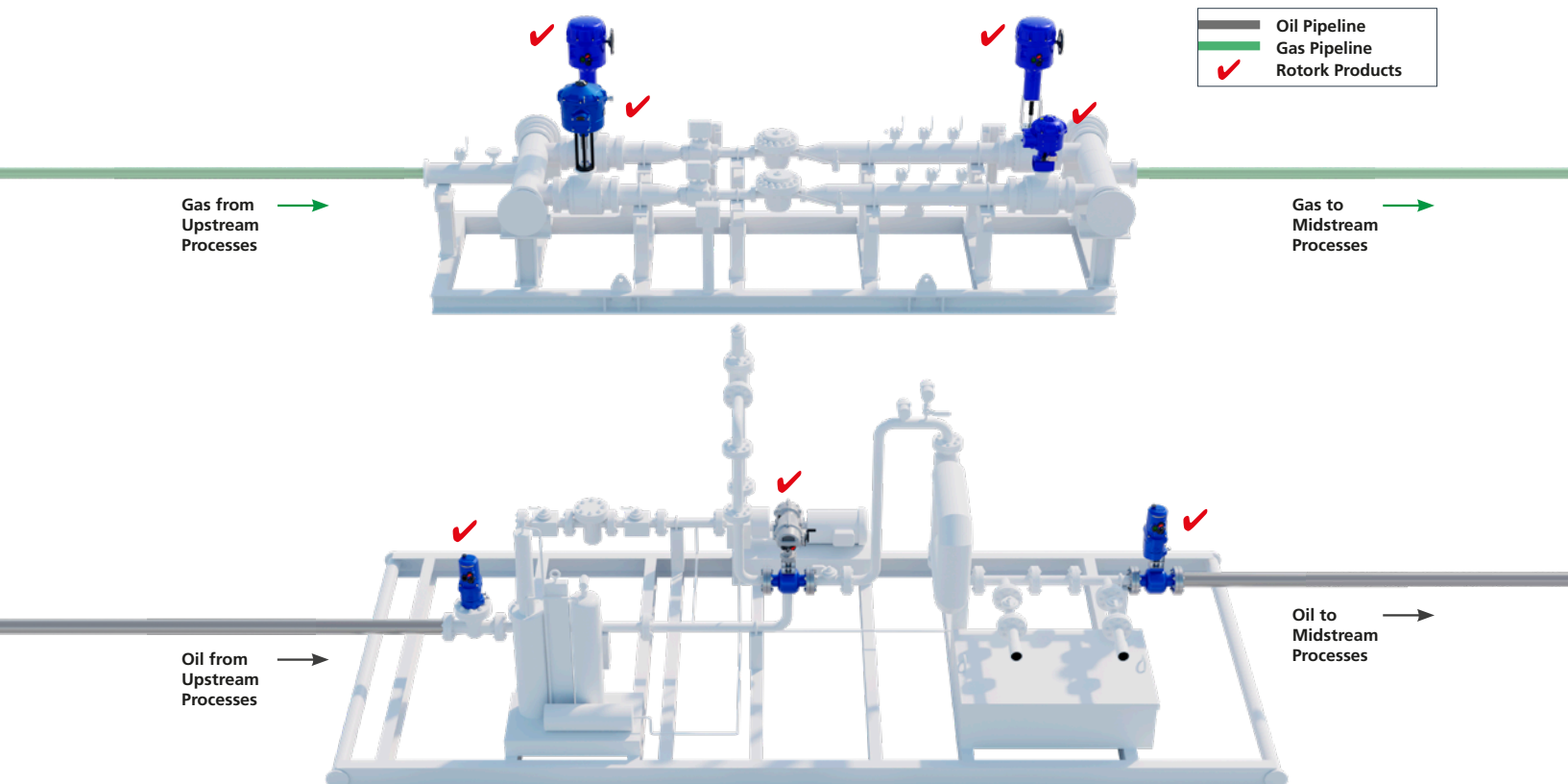
# Gas metering and LACT skids

Rotork solutions for upstream oil & gas methane emissions reduction

Natural gas production metering and Lease Automatic Custody Transfer (LACT) for oil production metering represent a commonly accepted pivot between upstream operations and midstream gathering infrastructure.

Pipeline and valve sizes are usually larger than those across the upstream production processing infrastructure, requiring higher torque/thrust ranges for valve actuation.

Multiple flow control systems operate together on a custody transfer metering skid to ensure low measurement uncertainty and high metering accuracy. Flow control on metering skids must be highly accurate, reliable and always provide safe valve operation.





## CML 1500 & CML 3000

High output CMA actuators deliver increased linear thrust and stroke length to enable the automation of large control valves with high pressure ratings.



## CVL 5000 & CVQ 2400

CVA (quarter-turn and linear) delivers a highly accurate and responsive method of automating control valves, without the complexity and cost of a pneumatic supply.



## IQT3M Pro 500

For applications that require lower modulating duty, the IQT3M Pro (multi-turn) has a duty cycle of 1,800 starts/hr with torque range and speed suited to LACT valve actuation.



### Advanced control

- Rotork products deliver the operating speed range and high torque/thrusts requirements of process control valves on midstream interconnection gas metering skids and LACT skids
- CML, CVA and IQT3M Pro include remote monitoring capabilities, allowing operators to monitor and control valve positions from a distance
- CVL and CMA are designed to deliver precision control and continuous modulation with higher levels of accuracy and repeatability than pneumatically powered actuators



### High reliability

- Reliable and repeatable performance in the tough environment of remote oil and gas fields where downtime cost from valve actuation malfunction on a midstream gas metering skid or LACT system is significantly higher than at a single wellhead
- The CML, CVA, and IQT3M Pro are built on self-protection technology, which guards the unit's integrity and operating performance by continuously monitoring temperature, torque and voltage, ensuring long product life
- Pneumatic actuator reliability can suffer from air quality, temperature changes and other environmental factors. Electric actuators are less susceptible to these influences
- Optional power back-up systems for fail-safe functionality



### Low power consumption

- The larger valves on gas metering and LACT skids require more power to operate, hence energy efficiency of the appropriate electric actuator is an important contributor to optimizing the power footprint of the wellsite
- Rotork's larger sized CML, CVL/CVQ, and IQT3M Pro offer power efficient 24 VDC configurations to minimize power consumption of gas metering and LACT skids



### Easy field serviceability

- Rotork CML, CVA and IQT3M Pro provide easy in-field serviceability for commissioning, maintenance and recalibration, minimizing oil and gas field intervention time by ensuring that interaction with these products is as seamless as possible, especially since mobilizing oilfield technicians to reach remote locations is a time-consuming effort in itself



A full listing of the Rotork sales and service network is available on our website.

[www.rotork.com](http://www.rotork.com)

Rotork Controls Inc  
Houston, USA  
tel +1 713 856 5640  
email [mail@rotork.com](mailto:mail@rotork.com)