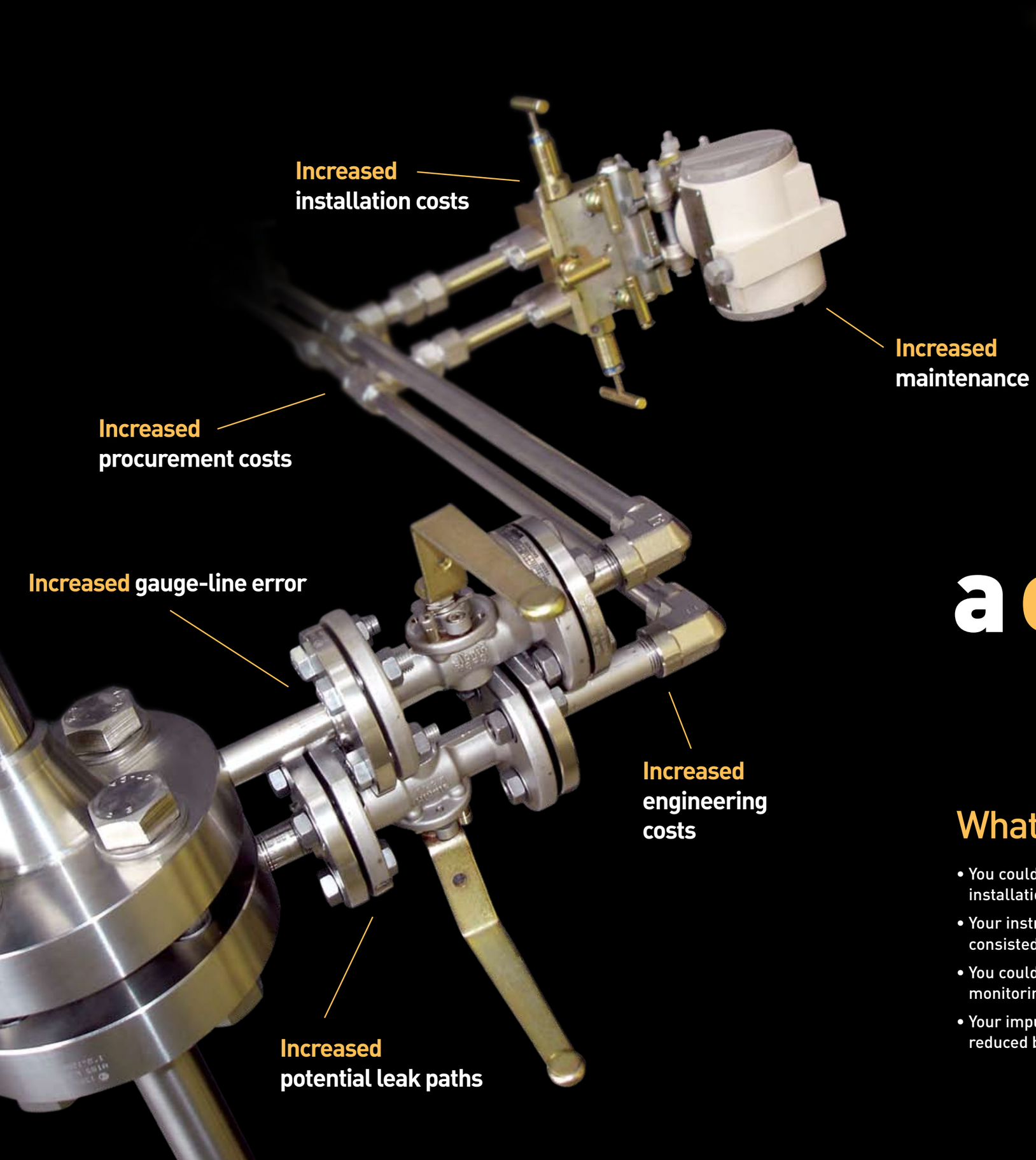
Parker
anything possible

a breakthrough

in process control

CIMS®

Parker
anything possible



a complicated hook-up?

What if...

- You could reduce 'hook-up' installation from hours to minutes?
- Your instrument 'hook-up' systems consisted of just four components?
- You could reduce emissions monitoring costs by 50%?
- Your impulse line leak paths were reduced by 75%?

Imagine...

- A manifold and transmitter unit that can be changed out in less than five minutes!
- Instrument 'hook-ups' that remove gauge line error!
- A safe, fully interlocked system that guarantees process isolation!

CCIMS®

Reduce Costs

CCIMS delivers real value by saving you time, which ultimately means money. When considering how much time a traditional hook-up requires to design, install and maintain, CCIMS delivers a huge reduction in total cost. CCIMS achieves this on many levels, by:

Reduced installation costs

CCIMS makes installation cheaper and easier. It eliminates the need for tubing and associated connections with the systems all welded and flanged construction. Technicians can complete an installation project faster.

Reduced gauge-line error

CCIMS greatly reduces gauge-line error by being closer to the process. There aren't so many tubes, remote valves and connections to go through before the process sample reaches the pressure transmitter. The flow isn't altered so the reading is far more accurate.

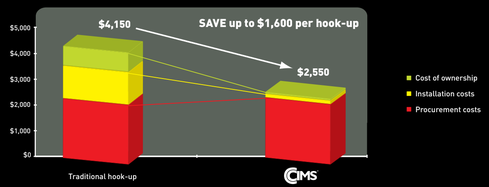
Reduced maintenance costs

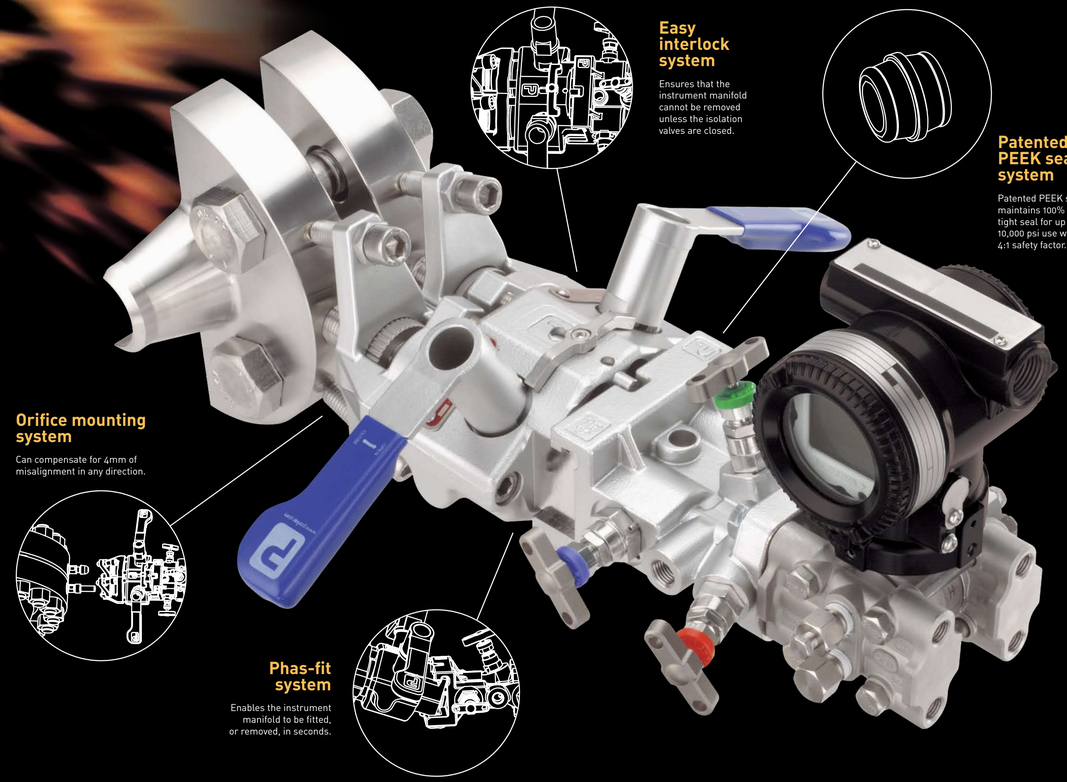
Traditionally, long impulse lines are used to provide access to the transmitter, which can cause many problems and need frequent adjustment. The end result can be a vicious cycle of maintenance time and money.

Reduced weight

Reduced weight is critical when designing new installations. CCIMS is far lighter than a typical remote hook-up, which includes several separate valves, tubing and other components.

Approximate savings when compared to a typical hook-up





Easy interlock system

Ensures that the instrument manifold cannot be removed unless the isolation valves are closed.

Patented PEEK seal system

Patented PEEK seal maintains 100% leak tight seal for up to 10,000 psi use with a 4:1 safety factor.

Orifice mounting system

Can compensate for 4mm of misalignment in any direction.

Phas-fit system

Enables the instrument manifold to be fitted, or removed, in seconds.

a breakthrough in process control

Increase Safety

CCIMS dramatically reduces potential leak paths and emissions. It's also easy to fit, simple to access and makes transmitter calibration far easier and quicker.

Reduced leak paths

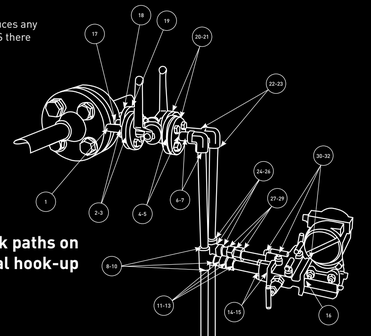
A typical hook-up normally includes 32 or more potential leak paths. CCIMS reduces this by 75%. Its close fit to the process line alleviates the need for separate primary isolation valves and related connections. This represents a massive reduction in potential emission related incidents.

Reduced opportunities for error

Parker's innovative CCIMS solution greatly reduces any opportunity for error in installation. With CCIMS there is only one way the system will fit to the orifice plate – the right way. In addition, the unique Phas-fit solution employed to attach the instrument module means you can change out the transmitter for calibration in under five minutes.

- **Reducing costs**
- **Increasing safety**

The benefits of using CCIMS are outstanding.



Potential leak paths on a typical hook-up

www.parker.com/ccims to find out more.