The ~~Digital~~ Lean Oilfield

By FlowCommand

How do you support 2014 production with 2016 staff and budget?

2014: Oil prices above $100/bbl — 47,402 new wells drilled

2016: Oil price falls to ~$35/bbl

Layoffs and budget cuts leave, on average, only **0.034 people per well** monitoring and collecting data in 2016

Oil pros per well

2014

vs.

2016

Everyone is stretched on resources, looking for ways to be **leaner** and meaner

How do we support so **many wells** with so **few people** and small budgets?

What about our SCADA systems and software packages? They collect and manage a lot of data, don't they?

SCADA typically collects **~60% of data regularly needed...**

...everything else is either monitored manually...

...or simply not monitored at all...

This leads to stretched labor and vendor overages

So, it takes a lot of complicated effort by...

(1) Field engineers, pumpers, vendors, and teams to **collect data** from the field, and...

(2) Production engineers, IT, and teams to analyze and **manage data** from the field in software and spreadsheets

For example: pumpers often drive out to pits and tanks to check the levels

For example: meters on fastlines are sometimes gauged manually. Other times there is simply no monitoring on fastlines.

For example: vendors--like water haulers--simply self report their transfer volumes on paper tickets.

There must be a reason why we don't have more remote monitoring and automation. So what is it?

Historically it has been very **EXPENSIVE** to set up remote monitoring systems.

Who has the money?

What if it was low cost?

Installing and maintaining systems can be **DIFFICULT**

Who has the time?

What if it was easy?

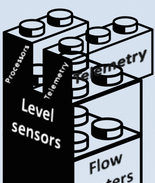
It's often cost **UNJUSTIFIABLE** to add remote monitoring and/or automation

Why pay for it?

What if it was guaranteed to be cost justified?

the FlowCommand way...

The FlowCommand system remains **LOW COST** by using a system of modular components:



The flexibility provided by these building blocks means it is simple and inexpensive to set up remote monitoring on any part of an operation. Instead of messy semi-custom work, simply choose which blocks you need, and get your fluids online.

Every module is plug and play, which makes systems **EASY** to install and service. For example, there is **no installation** to set up remote pit monitoring. You simply toss sensors into the bottom of your pit:

If there is any issue with a unit, simply unplug the module, and plug in the FlowCommand provided backup module.

Data will automatically resume transmitting via satellite:

Innovative financing means FC systems are **GUARANTEED** to be cost justified. This is because we don't charge a fee, we simply collect a percentage of the savings that our software generates**.

During the **pilot period**, FlowCommand software demonstrates its ability to automatically detect overages and opportunities for optimization. We look for alliances, not target customers

This means you have no capital outlay and no costs to utilize the FC system. This is "savings sharing" at its finest.

**alternate pricing is available

Use remote monitoring to make your operations leaner than ever before. To find out more, send us an an email at **team@flowcommand.com**

FlowCommand