

# ON DEMAND CHEMICAL FOR NEW HORIZONTAL WELLS

WELLWARE OFFERS AN INTEGRATED AND AUTOMATED CHEMICAL INJECTION SYSTEM TO REDUCE HIGH CHEMICAL SPENDING ON NEW HORIZONTAL WELLS WITHOUT THE FUSS OF HARDWIRED SYSTEMS



**CUT CHEMICAL COSTS  
IN HALF FOR THE FIRST  
YEAR**



**NO EXTRA WIRING,  
TRENCHING, OR  
PROGRAMMING**

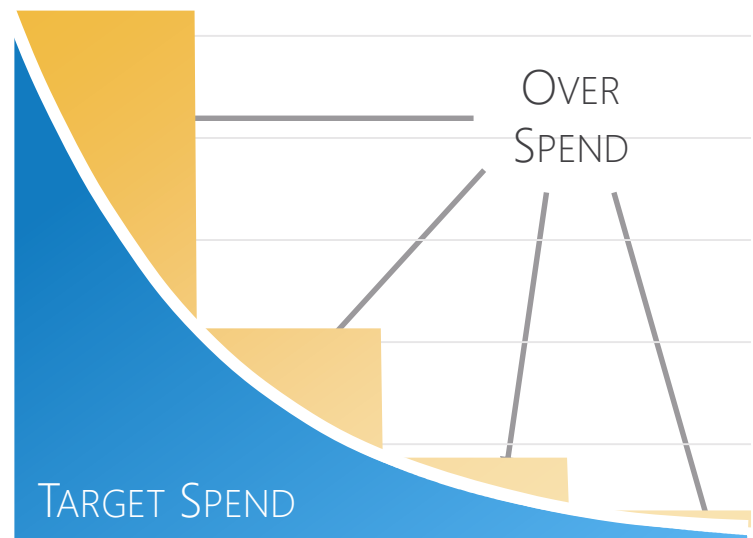


**INSTALLED AND  
AUTOMATED IN LESS  
THAN AN HOUR**

## TREATMENT SHOULD MATCH PRODUCTION

As horizontal wells decline in their first year of production, operators should be able to rely on their chemical vendors to adjust rates according to new production numbers. Unfortunately, most chemical service personnel don't have the capacity to keep up with decreasing production, and static injection rates result in overspending on chemicals.

**WellAware solves this problem by controlling chemical pump injection rates to match well-allocated production rates as soon as they are updated.**





## HOW IT WORKS

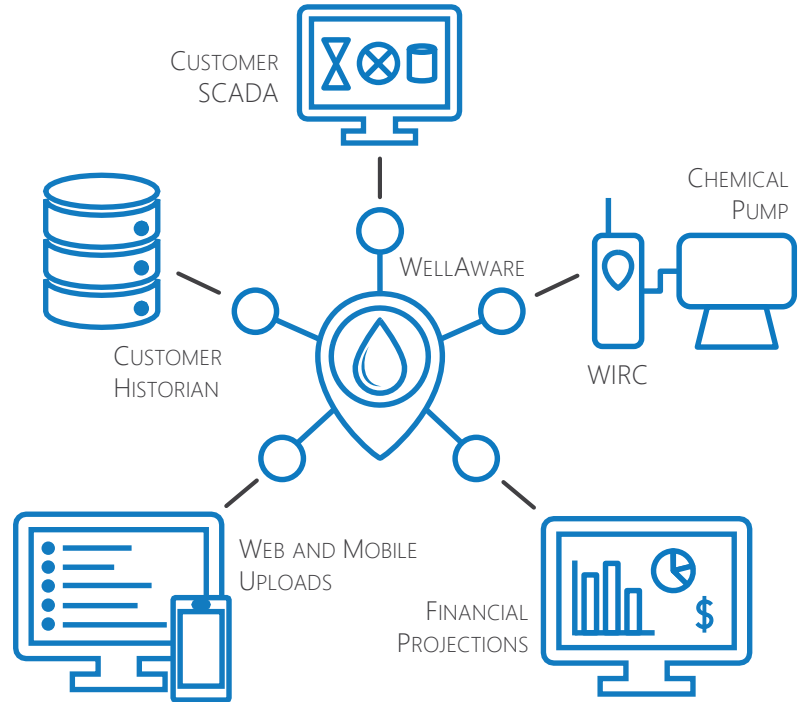
A WellAware Integrated Radio and Controller (WIRC) is installed on location to monitor and control chemical injection pumps.

Chemical vendors supply recommended treatment concentrations and the rate basis for treatment using WellAware's LIFT web or mobile upload screens.

Operators establish a secure connection between their SCADA historian and the WellAware Connected Platform, providing real-time changes to production allocated to individual wells.

The WellAware On Demand Chemical service identifies chemical pumps associated with each well and updates their injection rates to match the calculated recommended rates.

Financial projections and usage data are then provided back to the operator via reports, dashboards, and SCADA integrations.



*The WellAware On Demand Chemical solution with SCADA integration is the easiest and simplest way to quickly link chemical injection rates to production rates to minimize injection variances and provide direct feedback on chemical performance and its financial impact.*



### Pump Independent

WellAware supports all AC or DC powered electric chemical injection pumps. We can control TxAM, Graco, Helios, LMI, and many more types of pumps.

### Highest Security

All connections utilize industry best security practices on our entire platform, from hardware to software, to ensure that data remains secure from field to cloud.

### Simple Installation

Unlike other systems, WellAware requires no additional conduit, wiring, and trenching to connect production data to the chemical pump.

### Tailored Applications

WellAware can offer customized reports, dashboards, and integrations based on your requirements, making sure data ends up in the applications you use most.

### Collaborative Access

WellAware allows operators to grant subscription access to chemical vendors, so service personnel can be notified of pump issues as soon as they occur.

### Battery Backup

All hardware devices have battery backup, providing weeks of uptime in the event of power loss. WellAware stays online to report when pumps go offline.