

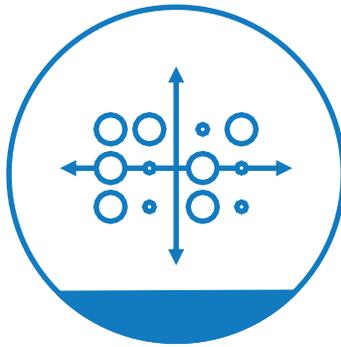
TAKE CONTROL OF YOUR CHEMICAL TREATMENT PROGRAM



WITH THE CHEMAWARE PLATFORM, WELLWARE OFFERS A COMPREHENSIVE SUITE OF CHEMICAL MANAGEMENT OVERSIGHT PRODUCTS SO THAT PRODUCTION ENGINEERS, INTEGRITY SPECIALISTS, AND ASSET MANAGERS CAN KEEP TABS ON THEIR CHEMICAL VENDORS.



Monitor and project chemical costs, reconcile delivery invoices, and track chemical spend per barrel produced



Index the performance of your chemical vendor against industry averages to see how they stack up against the competition



Automatically link chemical injection rates to well-allocated production rates as soon as they are updated in your SCADA

We've already done the heavy lifting

The most challenging part of automating chemical injection programs? **Installing and maintaining hardware.** The headaches caused by budget approvals, purchase orders, wiring, trenching, comms, and integrations with I&E and SCADA teams deters most engineers from pursuing these kinds of project in the first place.

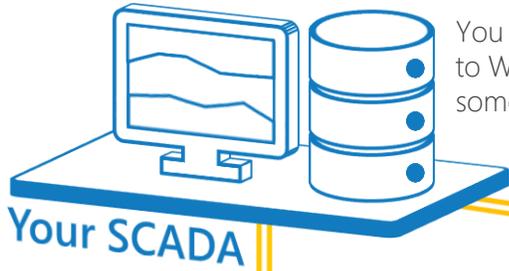
WellAware solves this problem by partnering with **your chemical service provider** to install chemical automation hardware at no cost to you. Chemical data and insight is most likely already being created on your assets. All you need to do is ask for it!





Here's how it works...

The ChemAware platform efficiently uses automation hardware deployed in the field to make sure that any insights gained from its deployment are available to the users who need them most. Operators can leverage existing hardware solutions deployed by their chemical vendors to gain complete visibility over field chemical management operations, and in some cases even automate control over chemical injection rates.



Your SCADA

You send well-allocated production data or other key metrics to WellAware through a secure data portal using our API or some other standard protocol (e.g. MQTT or FTP).

You collect production rates and well test data into your SCADA historian as a part of your existing automation implementation. Well test data makes sure each well has allocated production data even with multi-well pads with comingled production at a central facility.



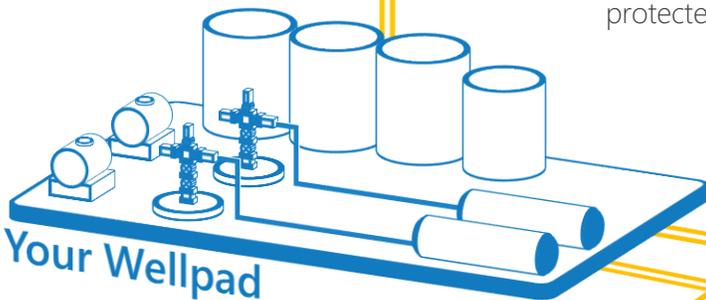
No matter what, all your data remains completely secure. Our system architecture is built on a foundation of digital security best practices with multiple layers of protection. From device endpoints to backend servers, you are always protected.

WellAware's chemical management services calculate recommended downhole injection rates based on fresh production data and updates injection rates in real time. WellAware sends performance data back to your SCADA system or BI tool for analysis.



WellAware

The WellAware WIRC™ device monitors tank levels and controls pump setpoints, sending data back to WellAware for automation processes and data mining. Chemical service personnel upload concentration targets via the WellAware LIFT platform to track injection variances.



Your Wellpad

Your chemical vendor provides a labor force to manage your chemical treatment program. WellAware relies on this labor force to install and maintain WellAware IoT devices which monitor chemical usage and control injection rates.



Chemical Vendor

Your chemical vendor uses WellAware software apps designed for their business to improve their operational efficiency, which helps them lower costs and improve quality of service.