

# Chemical Injection Automation

The industry-leading chemical treatment automation system that puts your chemical program back on track.

Join thousands of confident operators who trust WellAware *On Demand Chemical* to track chemical usage, control chemical injection pumps, reduce chemical costs, and audit chemical program performance.

## Key Features

- ✓ Injects chemical within 5% of targets
- ✓ Monitors chemical usage in real-time
- ✓ Detects chemical pump power failures
- ✓ Prevents chemical over-injection
- ✓ Tracks chemical deliveries automatically
- ✓ Visualizes chemical vendor scorecards

**CERTIFIED FOR HARSH AND HAZARDOUS • LIFETIME EQUIPMENT WARRANTY**  
**DATA RELIABILITY GUARANTEE • ZERO CAPEX COSTS**

## Applications

- Downhole Treatment
- Corrosion Prevention
- Scale Management
- Asset Integrity
- Flow Assurance
- Sour Gas Treatment
- Water Recycling
- Salt Water Disposals
- Microbial Control
- Phase Separation



# WellAware On Demand Chemical is a proven solution.

We are installed on thousands of sites, controlling hundreds of chemistries, in dozens of applications. See the difference today.

## Get WellAware On Demand Chemical

### What's Included

WellAware On Demand Chemical is a 3-in-1 complete chemical management solution that includes chemical usage monitoring, remote chemical pump control, and chemical dosage automation.

#### Chemical Usage Monitoring



Track chemical usage in real-time, take stock of inventory, prevent empty tanks, and automatically detect chemical deliveries with an accurate, reliable chemical tank monitoring solution.

- Battle-tested sensor
- Battery powered
- 5-minute data resolution
- Safety grounding kit

#### Chemical Pump Control



Remotely control chemical injection pumps, monitor pump power, and identify treatment variance with remote chemical pump management.

- Works on solar, electric, and VSD pumps
- Change injection setpoints from the safety of your office or truck
- Automatic pump recalibration (coming soon)
- Immediate alarms on loss of treatment

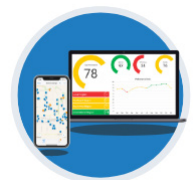
#### Chemical Dosage Automation



Monitor critical processes and automate chemical injection rates to hit target concentrations on dynamic systems.

- Perfect for corrosion and scale inhibitors, H<sub>2</sub>S scavengers, and methanol
- Monitor process wirelessly with WellAware SENSE
- Updated pump setpoints every minute
- Achieve constant PPM dosing

#### Dashboards, Reports, Alarms, and Integrations



Software and integrations to give you complete control over your chemical management. Reduce costs, improve treatment outcomes, and increase vendor accountability.

- Web and Mobile Apps
- Vendor Scorecard Dashboards
- Scheduled Chemical Usage Reports
- Complete Alarming Suite
- SCADA Integrations



# How it Works

## Calibrate

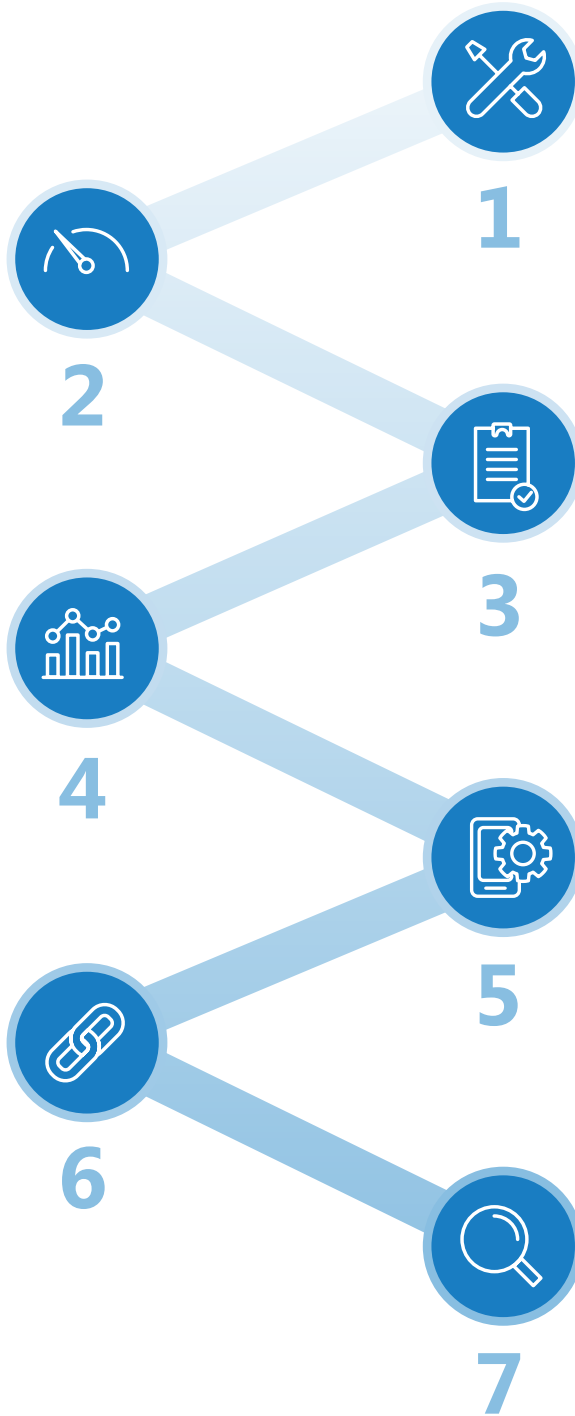
No strapping tables, no math, no measuring. Use the WellAware Field App calibration wizards to wirelessly calibrate tank sensors and pump controllers.

## Monitor

Visualize chemical dashboards in WellAware ACT, or feed data into your SCADA system. Put your data where you need it.

## Automate

Link chemical injection rates to process parameters to maintain precise injection concentrations, so you never miss your treatment targets.



## Install

Setup takes as little as 15 minutes using our Quick Mount kit. Install it yourself, or use our network of Certified Automation Partners.

## Commission

Capture relevant site, asset, and chemistry information, and start visualizing contextualized, normalized chemical data immediately.

## Control

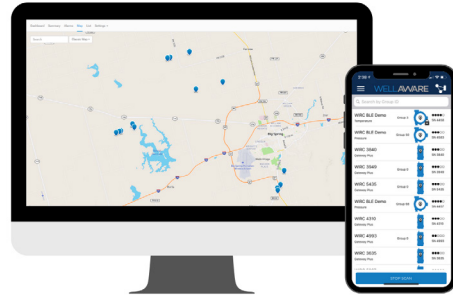
Change injection rate setpoints or dosage targets from the safety of your truck or office.

## Audit

Use WellAware benchmark data to track chemical program performance against industry averages and highlight areas for improvement.



# Technical Highlights



## Equipment

### WellAware CONNECT Integrated Controller

- Certified Class I Div 2
- Weatherproof IP65 enclosure
- 4G LTE Connectivity Included
- Tank monitor, pump controller, and industrial gateway in one box
- Lifetime warranty under contract



### WellAware SENSE Wireless Transmitter

- Certified Class I Div 1 Exp. Proof
- Wireless Bluetooth Networking
- Monitor pressure, temperature, level, or flow
- Integrate with CONNECT for chemical automation



### Reliable Tank Level Sensor

- Intrinsically Safe
- 316L SS housing
- Injection-molded Kynar cable
- Accuracy to +/- 0.25% FS



## Software

### WellAware Field App

- Wireless Device Management on iOS or Android
- Mobile HMI using Bluetooth
- Sensor Calibration Wizards
- Device Diagnostics and Network Pairing
- Rapid Site Commissioning

### WellAware ACT Web

- Industry Benchmarking
- Chemical Performance Dashboards
- Complete Incident Management Suite
- Detailed Trend Views
- Scheduled Report Delivery

### WellAware ACT Mobile

- Mobile Data Views
- Simplified Dashboards
- Alarm Management
- Map Views

### Integrations

- SCADA, ERP, Service Ticketing, and more
- REST API
- MQTT
- FTPS/sFTP
- Integrate with AWS or Azure Cloud DBs

## Support

### Client Success

- USA-Based, Full-Time Employees
- Dedicated Service Rep
- Scheduled Business Reviews
- Safety-Trained and Certified

### Lifetime Equipment Warranty

- Comes on all WellAware Hardware
- If it fails, we'll repair or replace it under contract

### Data Reliability Guarantee

- Data delivered under a Service Level Agreement
- If you don't get data, you don't pay
- Customers get 99.98% of data they expect

### Certified Automation Partners

- Network of trained installers in certain geos
- Trained to work on WellAware devices
- Licensed, Insured, Safe, Certified
- Flat Rate Install Fees

**Superior Data. Faster Decisions. Better Outcomes.**

Go to [wellaware.us/chemical](https://wellaware.us/chemical) to get started



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