ELIMINATING GUESSWORK, IMPROVING OPERATIONS.

ECONOMY INVENTORY MANAGEMENT SYSTEMS

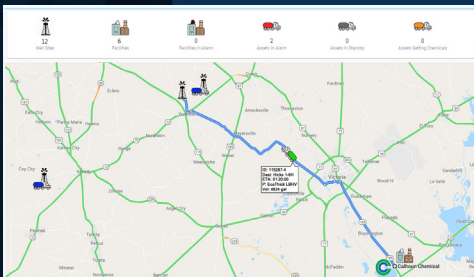ELIMS

BENEFIT YOUR BUSINESS WITH A GAME-CHANGING SYSTEM.

Your fluid and solid inventories play a key role in effective operations. When unexpected shortages, unreliable communications and even storage difficulties enter the mix, it can throw off production schedules and devastate bottom lines. Economy Inventory Management Systems (ELIMS) is here to help.

We provide real-time inventory and logistcs systems to remove the guesswork.

Field equipment designed specifically for the safety and convenience of field personnel.

Monitor and manage your chemical inventory and logistics conveniently from your office or on-the-move.

ELIMS' state-of-the-art technology adds convenience to your daily work by securely calculating and transmitting remaining inventory, alerting operators to potential troubles and more.

PRODUCTS

Aided by leading patented technology, ELIMS' suite of products makes it easy to store the chemicals and other inventory you rely on — and monitor it securely at any time, from anywhere.

OTR

The Over the Road Tank (OTR) Monitoring System is a tank monitoring solution specifically designed to provide features for field personnel and office operations in order to manage their chemical inventory and logistics. The OTR System is engineered for harsh environments, very rough roads and is packed with its own power system, so no connections required!

OTR Is an ideal solution for companies looking toward last mile logistics, those who require high visibility for their chemical inventory, and those looking to automate processes relating to their chemical logistics.

- ▶ Patented technology (multiple U.S. military patents)
- ▶ Chemical level and temperature monitoring
- ▶ Location tracking
- ▶ Calculated flow rate
- ▶ Refill detection

- ▶ Stage consumption detection
- ▶ Automated reports
- ▶ Local display
- ▶ ≤ 50 gallons of resolution on a typical ISO trailer
- ▶ Tank inclination*

SAFETY FIRST

- ▶ Fill, vent and recirculate the tank from the ground.
- ▶ View level, volume, temperature in tank and system status from display mounted on cabinet near the rear of the trailer.
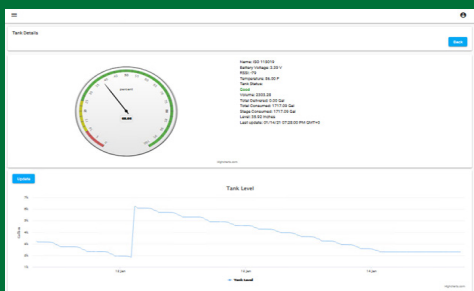
GET THE BIG PICTURE

- ▶ Use locally broadcast website (WiFi) to check level, view trends, deliveries, stages and more.
- ▶ Use the central website to monitor, analyze and manage inventory and logistics.

* Optional feature ideal for applications where high-precision tank volume is required. If selected, a tank levelness sensor is recommended.

PRODUCTS

slimEDGE

The slimEDGE is the location-dependent version of the OTR system. It has many of the same features, and because of its independence from a tank, has additional functionality including support for multiple tanks over wired and wireless telemetry. It also has the capability of reading/gathering data from a wide range of other sensors. This a good option when multiple tanks and/or other sensor data needs to be collected, visualized and sent to be processed at headquarters.

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- ▶ Addiitonal wired and wireless intefaces

PORTABLE AND POWERFUL

- ▶ Tested in > 50 mph winds
- ▶ Easy to set up
- ▶ Custom logic available
- ▶ RS-232. RS-485, analog inputs and digital inputs
- ▶ Compatible with several 900 MHz radio systems
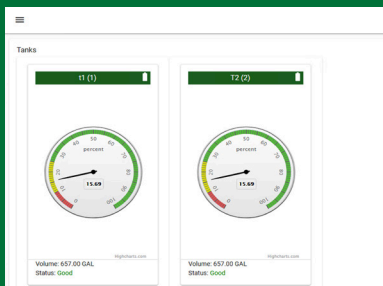
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PRODUCTS

HC SKID

The Heat and Circulation (HC) Skid is typically mounted to the rear of an ISO trailer and allows fluid to be temperature-maintained and circulated in extreme wellsite environments. This provides improved fluid pumping characteristics, as well as fluid effectiveness.

The HC Skid is ideal for those who have temperature and/or homogeneity sensitive products in extreme environments.

▶ Tank monitoring solution

▶ Ability to keep products between 60 and 80 degrees Fahrenheit, even in subzero climates

▶ Circulation keeps products uniformly heated throughout entirety of vessel

▶ Ability to heat multiple vessels from one skid unit

▶ ELIMS technicians available 24/7 for maintenance, training and support

▶ Up to 300 gallons/minute fluid recirculation capacity

▶ Diesel-powered and completely self-contained

▶ Prevents fluids from freezing in plumbing lines

KEEP YOUR FLUID MOVING

PRODUCTS

cloudVIEW
A web-based visualization tool customizable to suit your needs, cloudVIEW makes it easy to monitor and analyze data — and to handle logistics related to your assets.

Targeted Dashboards
▶ **Map:** View the locations of your assets in map format, with color-coded icons that alert you of potential alarm conditions.

▶ **List**: View your chemical inventory assets in list format, with a color-coded system that alerts you of potential alarm conditions.

▶ **Asset**: View metadata surrounding your assets, current values and 30-day trends in one convenient place. An accompanying map feature clearly lays out your assets' locations.

Alarms
Create custom email and/or text message alerts to go out automatically to authorized users when asset values fall below or rise above pre-determined thresholds.

Manage
Change statuses and update other metadata parameters related to your assets and well sites.

Trending
Gain a big-picture understanding of your assets by charting multiple datapoints over a selected time range — and zooming in to areas of interest for additional insight.

Document Repository
Save and access documents related to your assets in one secure, convenient place.

Email Notifications
▶ Alarms

▶ Deliveries

▶ Stage Complete

Tiered User Access
Assign users custom access options based on their organizational responsibilities or preference. User-level access allows individuals to view information related to associated assets, while manager-level access allows individuals to make modifications as needed.

Fleet Access
Assign fleets to users and give users the power to view necessary data, system level KPIs and alarms.

Historical Database
View all collected datapoints in one secure, easily accessible database.

Restful API
Integrate data into your own applications with a system that provides endpoints to all current asset values and allows you to capture selected point data over a given range of time.

Contact ELIMS Today
ELIMS.com | 1.800.231.2066

WE BUILD CUSTOM SOLUTIONS

ELIMS understands that every industrial operation runs differently, and our products are designed to be scaled and specialized to meet your unique needs. Our team is also here to help when market conditions or company shifts require a different approach altogether. Here are a couple of examples of our custom solutions at work.

TANK MONITORING AT A CHEMICAL PLANT

An ELIMS customer was experiencing trouble maintaining sufficient supply for a number of their feedstock chemicals. Not only were chemicals hard to source, but the company found itself facing long lead times, as well. To mitigate the issue, the organization wanted the supply chain, located at a different facility, to have direct visibility into chemical inventory levels of every tank on-site. They needed the visibility quickly, securely and without the expense and training associated with complicated software and specialized IT support. ELIMS installed wall-mounted slimEDGE hardware components which allowed supply chain personnel to study chemical usage patterns and configure re-order alarms that notified purchasing agents when replenishment orders were needed.

PRODUCTION LINE MONITORING

During the COVID-19 pandemic, an ELIMS customer shifted focus to healthcare offerings. The company began filling the demand for sanitation and hygienic products that were in short supply — a shift that included product blending and bottling. This customer needed status insight regarding production orders on their multiple bottling lines. ELIMS installed sensors on half of the lines to count bottles as they passed by on the conveyor. In addition, we integrated with the control system on the other half of the bottling lines to calculate bottles filled. Shift counters and batch counters allowed production managers and other stakeholders to monitor how far along they were in the order — and how well each shift was performing. As a result, the customer was able to better track their various production orders and prioritize new orders, too.

READY TO TAKE INVENTORY MONITORING TO THE NEXT LEVEL?

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