

Instantly know the answer to this common daily question: “Which tanks do I fill at which sites?”

OptiFill

OptiFill's delivery optimizer unlocks the true power of your tank monitoring system. It processes tank level data collected from your monitored tanks using a sophisticated algorithm to determine which tanks need to be filled now, and which can wait until later. With OptiFill, your tank fills are maximized, allowing you to make up to 50 percent fewer stops while delivering the same amount of product.

Delivery optimization is especially crucial for multi-tank sites. If you have a single tank at a single site, it is easy to plan delivery when that tank reaches 20 percent; but what if you have four tanks at a site? What if you have 700 four-tank sites? How do you determine which tanks at which sites to fill now, and which to fill later, all while achieving minimal total cost and maximum asset utilization?

In the past, dispatchers spent hours making educated guesses to do the same work that OptiFill does accurately and automatically, all in less than 10 minutes.

What OptiFill means to your business:

- Efficient deliveries: increase the amount delivered per tank by up to 50 percent
- Better capacity utilization: increase your fleet's delivery capacity by up to 50 percent
- Lower dispatching costs: complete daily dispatching faster and more effectively

Increased revenue: turn increased fleet capacity into additional revenue and lower costs

Dispatch Compass

Dispatch Compass is a dynamic, Web-based fleet routing system designed specifically for the liquid product delivery market. It enables your dispatchers to simultaneously load trucks and create efficient delivery routes for all combinations of will-call, scheduled, and monitored tanks. With Dispatch Compass, any fleet of bulk, multi-compartment, packaged goods, or combo trucks will travel fewer miles in less time, for less cost than ever before.

Since it is Web-based, there is no expensive up front software acquisition cost. Integration with your back office is simple, so we can have you up and running in two to three months. And with Schneider Electric Dispatch Compass, minimal IT resources are required, so it can be implemented for thousands less than competitive products.

Life Is On



Liquid Distribution Management System

A complete system solution to ensure your success

Schneider Electric

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Life Is On



Stay connected to your customer's inventory

Imagine this: your delivery operation is running at maximum efficiency. Run outs are eliminated, emergency runs are a thing of the past, and your trucks deliver more product in less time — and they always come home empty. Now imagine automatically generated orders and efficiently loaded trucks are routed and dispatched in minutes.

When you rely on Schneider Electric's powerful suite of tools, these scenarios become reality. Our tank monitoring products enable you to stay connected to your customer's inventory by instantly providing tank-level information when you need it.

OptiFill™ uses that information to automatically decide which tanks should be filled. Then, Dispatch Compass™ improves your asset utilization by optimizing your loading and routing processes. It automatically dispatches and routes your trucks within minutes — substantially decreasing your hands-on dispatching efforts.

Tank Monitoring

Schneider Electric tank monitoring fuels your decisions by creating a central point for your data. It includes powerful tools, targeted information, and sophisticated analytics that allow you to increase your efficiencies. You can even generate reports that show you the key performance indicator of percentage of tank filled by customer, by region, and more. Your managers can easily evaluate and track your delivery team's performance over time, quickly comparing various performance measurements.

With our tank monitoring, you'll know the exact status of every tank, whenever you need it, wherever you are. The system uses state-of-the-art radio and sensor technology to help your whole company quickly and accurately track product levels in your customers' or your own bulk storage tanks using our simple, secure WebView™ interface.

By logging into WebView, you can easily review current and historical tank level information, as well as track your progress towards achieving a more efficient delivery operation. The system's various reports and alerts keep you up to date on changing tank levels so you can eliminate run outs and schedule deliveries only when it is efficient to do so.

We offer the widest range of wireless tank monitors, alarms, and communication tools on the market, supporting monitoring of lube oils, gasoline, diesel, waste oil, propane, chemicals, and water-based products. Our system communicates data via cellular or Ethernet technology, so even your most remote locations are always accessible. These choices offer maximum flexibility so you can choose the perfect balance of cost and performance for your business.

Improve your asset utilization by optimizing your loading and routing processes.

Encompass™

With Encompass, you can better manage and maximize your resources. You'll know when to deliver and when to pick up — avoiding costly run outs, lost business, emergency deliveries, and short fills. It allows you to increase your profitability through more efficient operations and better forecasting, with greater insight into production changes. The bottom line: it can help you be more proactive instead of reactive, allowing you to protect, even grow, your business.

Schneider Electric's Encompass uses RF tank monitors and gateways to track your tank levels at bulk facilities or multi-tank sites and provide immediate readings, letting you know exactly when and where to make deliveries. This helps eliminate inefficient partial fills, costly emergency deliveries, and much-dreaded run outs.

Our solution includes a new mobile app for Apple® and Android™ devices. The app taps into detailed data for each of your sites through WebView in a summary form.

You can select a site and drill down through its hierarchy, similar to how you would in WebView. Each tank has its own summary data, including tank name, current fill level for a product, average daily usage, and days remaining. There is also a useful real-time mode for more frequent reporting, allowing you to get an updated reading while you are on site. This is particularly useful for before and after delivery for a specific tank.





Increase capacity, compound your results

	Actual	OptiFill	Improvement
Number of site stops	900	538	362 fewer stops
Total tanks filled	1317	847	470 fewer tank fills
Average % delivered	47%	75%	60% increase in average fill amount
470 fewer fills x 263 average gallons delivered/filled = 123,610 gallons of additional capacity			
Total delivered: 347,000 gallons over a one-year comparison period at 96 tanks.			




Our free mobile app provides fast access to key tank level data and supports the “poll now” feature in Encompass monitors.



Monitor Selection Guide

Cellular monitors			
			
Digital cellular residential propane monitor	Digital cellular propane monitor	Digital cellular radar	Digital cellular pressure
P	P	L W G D C	L W G D C

Encompass monitors			
			
Float	Radar	Pressure	Propane
L W G D C	L W G D C	L W G D C	P

Encompass gateways		Satellite Monitor
		
Ethernet gateway	Cellular gateway	Level Track Satellite Monitor
		L W G D C

Abbreviation key

C = chemical
D = diesel
G = gasoline
L = lube oils
P = propane
W = waste oils

Suitable for these products.