



# Pulse™ Fluid Management

Transform Simplicity into Profitability



Pulse™ Fluid Management simplifies how forward-thinking shops track and manage bulk fluids in real time – adding more transparency and accountability to drive productivity and profitability.

PROVEN QUALITY. LEADING TECHNOLOGY.



## TRACK BULK FLUIDS WIRELESSLY, AUTOMATICALLY, ACCURATELY

Pulse™ Fluid Management is the latest technology breakthrough from Graco – the industry leader in fluid management. It offers advanced wireless technologies to accurately track bulk fluids, capture critical analytics and automate customisable reports so you can share information and improve decision-making, making Pulse the most comprehensive, convenient and easy-to-use fluid management system on the market.

## SIMPLIFY BULK FLUID MANAGEMENT

- Know exactly how much fluid is dispensed, where, and by whom to improve inventory management
- Fast, easy wireless configuration reduces installation costs and eliminates the need for a PC connection
- Generate customisable, automated reports to make more informed decisions
- Pair every dispensation directly with a work order for more accurate billing
- Add new components seamlessly as your demands grow
- Integrate seamlessly with your DMS and share information throughout your organisation

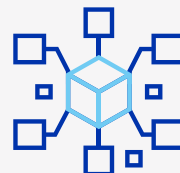
## GAIN INSIGHT INTO YOUR BULK FLUID MANAGEMENT



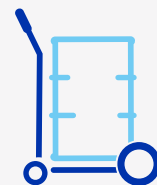
**Transparency.** Monitor every drop, every time – automatically – and minimise shrinkage, rounding errors and invoice discrepancies.



**Accountability.** Track issues to the source via advanced technology, including automated alerts and customisable reports.



**Integration.** Capture data, integrate it with popular DMS's and share it with other stakeholders quickly to improve scheduling, inventory, procurement, pricing and more.



**Portability.** Pair effortlessly with mobile dispensing units and drums to reduce extra steps and hassle for technicians.



## MAKE EFFICIENCY YOUR DIFFERENTIATOR

Technicians dispense immense amounts of bulk fluids, including petroleum and synthetic-based oils, coolants, gear lube, screen wash and more. It's one of the most frequent tasks your technicians perform. That's why it's important to keep it in check. After all, every drop matters – and every penny too.

Use Pulse™ Fluid Management to take full control of your bulk fluids in the field, your fleet or service centre. By knowing what type and how much fluid is used, where it goes, when it's dispensed, and ultimately, who's performing the work, general managers, service managers, parts managers and others can make more informed decisions to simplify operations, capture previously lost or unassigned costs and uncover hidden profits.



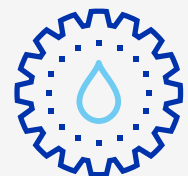
**Scalability.** Add Pulse into almost any environment quickly, even retrofitting applications or multiple buildings within the same facility, and avoid excessive installation costs and delays.



**Accurate billing.** Automatically assign every ounce of fluid directly to a work order to simplify billing and maximise profit margins.



**Simplicity.** Avoid surprises, interruptions and delays. Fluids are tracked and recorded instantly and automatically, so technicians can spend more time in the service bay – serving more customers.

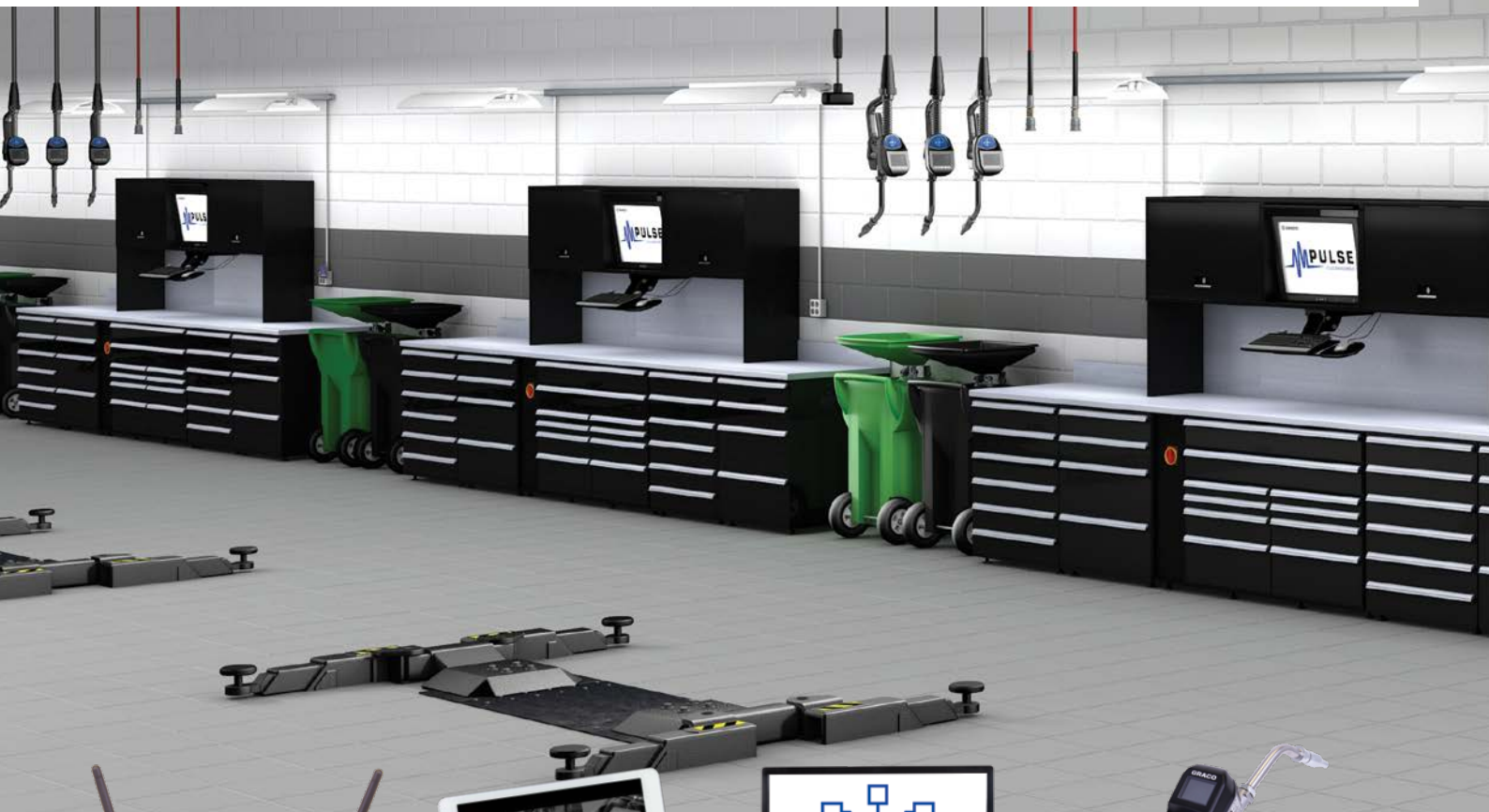


**Inventory management.** Monitor fluid inventory and schedule refills to minimise delays and excessive costs.

# UNCOVER HIDDEN PROFITS – AND AN EASIER WAY TO WORK

## Innovation leads to seamless collaboration

Modern fluid management systems track bulk fluid activities and monitor inventory from storage tanks to dispense meters – from the service bay to the back office – so key stakeholders can share information in real time and make decisions that improve productivity and profitability for the entire organisation.

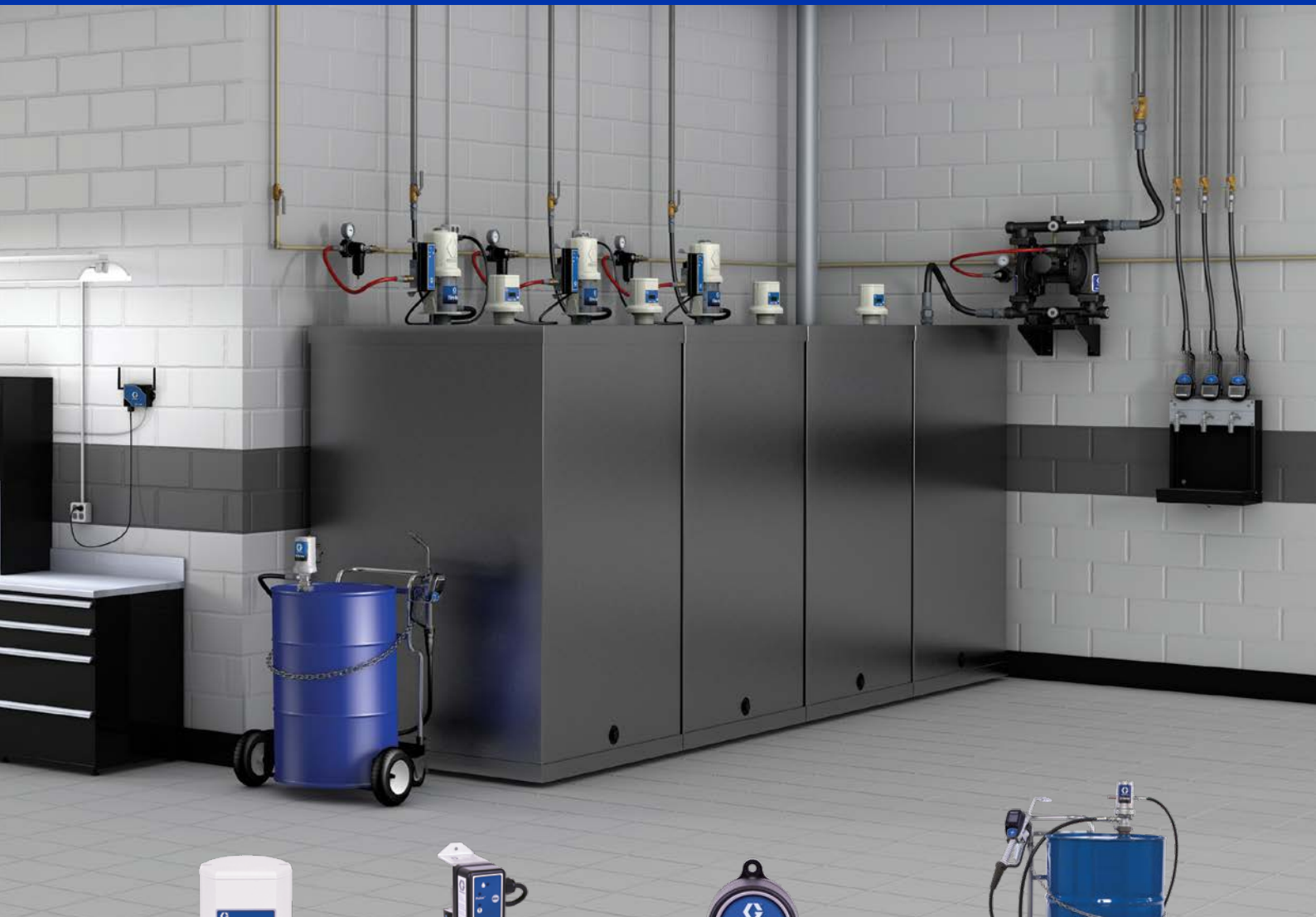


**Pulse Hub.** Simply connect the Pulse Hub to a power source 220/230V and access your local network to get started – without software or a PC. Access monitoring and reporting tools instantly from any network-connected, web-enabled device, including a PC, tablet or smartphone.

**Pulse Software.** Get a quick, consolidated view of all dispensing for the entire shop via specially-designed, web-enabled and easy-to-use software. Track tank levels at a glance. Generate customisable reports and automated email alerts to share critical information instantly with other key decision makers.

**DMS Integration.** Integrate fluid management with popular DMSs to help validate work orders. With every pour, data is recorded and delivered to the DMS, where other users can access the information to improve decision-making throughout the shop.

**Pulse Dispense Meter.** Technicians can enter pin codes and other data quickly on the heavy-duty meter's large, intuitive display. Or, they can flash an NFC tag to the screen to get started – and all data is tracked directly to the meter, technician and work order.



**Pulse Tank Level Monitor.**

Record tank levels automatically with an ultrasonic sensor. Customised daily reports detailing volumes, discrepancies, alerts and more can be sent instantly to key stakeholders.



**Pulse Pump Air Controller.**

Shut off air to the pump automatically when not in use to prevent broken lines or draining tanks from leaking fluid (and costs) all over the shop floor.



**Extender.** Choose from multiple devices to extend the reach of Pulse throughout your facility.



**Roll Around.** Dispense fluids anywhere in your shop without compromising security or productivity. Technicians can use the sturdy drum cart to transport 200L (55-gallon) containers to the dispensing site easily without assistance or delays.

# WIRELESS AND WORRY-FREE FLUID MANAGEMENT

## Industry Applications

Deploy Pulse™ Fluid Management anywhere you need to monitor and measure dispensed fluid. Because it's completely wireless, comprising only two components, it can be installed quickly to simplify bulk fluid management and maximise profitability in almost any environment.



**Automotive Service Centers**



**Heavy Equipment Maintenance**



**Fleet Centers**

## ADVANCED TECHNOLOGY FOR THE MODERN SHOP

Redesigned by the industry's most experienced group of engineers – based off thousands of hours of testing and feedback from customers around the world – Pulse offers a significant upgrade to the industry-leading Matrix™ Fluid Management System platform with a wide range of advanced components and newfound capabilities.

## TECHNICAL SPECIFICATIONS

- Compatible with petroleum and synthetic-based oils (including automatic transmission fluid and gear lube), anti-freeze and screen wash solvent
- High flow meters up to 68 LPM (18 GPM)
- Software access through all major web browsers
- Certified for interfacing with common dealer management software providers, such as Reynolds & Reynolds®, CDK Global® (former ADP), Procede Software, Dealertrack, and PBS Systems
- Operates on 100-240 VAC line voltage for wired products and AA alkaline batteries for battery-powered devices



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**Pulse™ Fluid Management** is designed specifically to address today's most pressing bulk fluid management challenges by giving technicians and management staff unparalleled control, insight and analytics with every dispense.



Find out at [gracopulse.com](http://gracopulse.com)





## ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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Graco is certified ISO 9001.



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