



**Matrix™**

Total Fluid Management System

A black and white photograph of a male technician in a dark jacket and light shirt, focused on working on the engine of a car with its hood open. He is holding a tool connected to a hose. In the background, another car is visible in a service bay.

FIND YOUR  
**X FACTOR**

PROVEN QUALITY. LEADING TECHNOLOGY.

Why Fluid Management?



**X FACT**  
**CAPTURE MORE**



## Why Fluid Management?

**Every additional dollar of oil you account for is one more dollar of profit.** Just imagine what a fluid management system could do for your bottom line.

The Matrix<sup>™</sup> Total Fluid Management System<sup>™</sup> gives you **more control** over your fluid inventory and service operations to **help you reduce costs** and **increase your profitability**. It's the X factor that could make all the difference for your shop.

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### Matrix<sup>™</sup> helps you:

- ▶ Control costs and increase profits
- ▶ Increase productivity throughout your operation
- ▶ Share data with your dealer management system
- ▶ Easily add components as your business grows
- ▶ Refill based on need, not a set schedule
- ▶ Benefit from easy wireless installation with modular flexibility
- ▶ Identify opportunities and efficiencies with easy management data reporting
- ▶ Track and monitor fluids



# Why Matrix™ ?



## X FACTOR GAIN S

**Matrix™ helps you manage key bulk fluids**, including petroleum and synthetic oil products, antifreeze/coolant mixtures, gear lube, hydraulic fluid and automatic transmission fluid. Here's a quick look at all the things you can do to take control of your profitability.

### TRACK DISPENSE AND INVENTORY INFORMATION

From the storage tanks to the metered dispensers, the Matrix system can capture and monitor your bulk fluid transactions. Access real-time data on each event, including the date and time of event, meter ID and location, dispense amount, fluid type and work order.

### GET AUTOMATIC NOTIFICATIONS

Set your Matrix system to provide notices and alerts. Choose from a range of common notification options for tank and meter monitoring, as well as general events — or create custom reports.

### MONITOR TANK STATUS

Access data through automatic scheduled readings for inventory information, allowing for reconciliation of each tank.

### GENERATE DISPENSE HISTORY REPORTS

Select the custom reports you want and include information such as date, meter ID, fluid type/amount, work order and more. The premier version also includes technician activity. Each report can be exported as a .pdf or .csv Excel file.

### MONITOR METER STATUS

Track data by specific meter, such as work order status and dispense history (date, fluid, amount, work order).

### CREATE ACCOUNTABILITY

Matrix allows you to define user privileges and security levels, so you can manage access and ensure accountability for each fill and dispense.





# SHOP EFFICIENCIES

## Why Matrix™?

**Knowledge is power.** The Matrix™ system is an easy way to automatically track and report when and where fluids are dispensed, so you can bill more accurately, avoid human error and identify opportunities to make your operation more efficient and profitable.

This system puts control in technicians' hands so they don't need to leave the service bay, improving overall shop efficiency. In addition, with tank-level monitoring, you get automatic alerts when fluid is low — so you can replenish fluid as needed to eliminate downtime.

Matrix can help you start saving money and capturing more profit from day one. For many operations, this system can pay for itself within the first year. With a return on investment (ROI) like that, it's a must for any service operation.



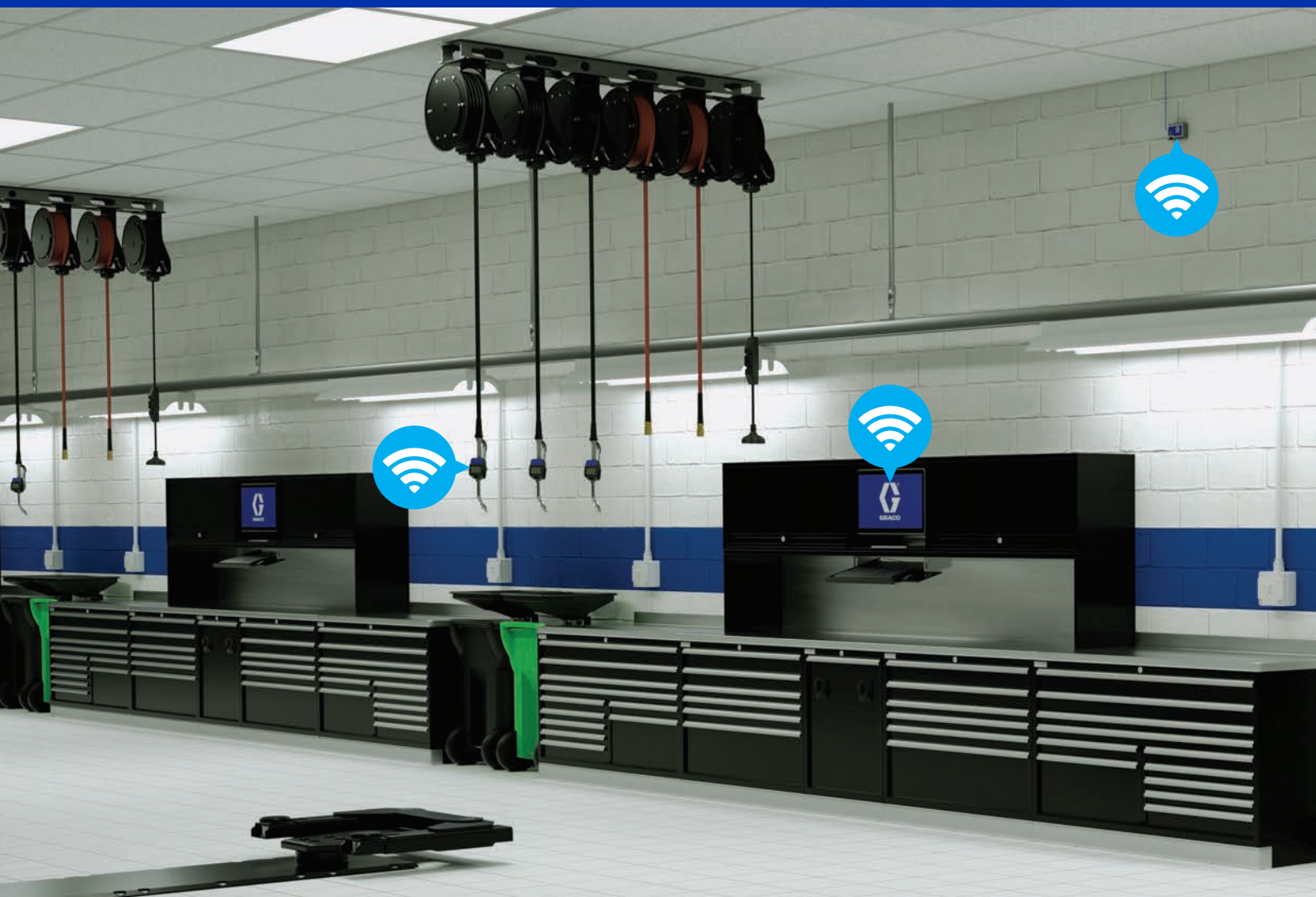
## System Specifications:

- ▶ High-frequency wireless transmission for optimal coverage and signal strength
- ▶ 2.4 GHz radio platform approved for worldwide use with CE, FCC, C-Tick and IC approvals
- ▶ PC-based operating system is compatible with Windows 7, 8 and 10.
- ▶ Installed as either a single PC application (non-network) or Server/Client PC application (network)
- ▶ Certified for interfacing with common dealer management software providers, such as Reynolds & Reynolds, CDK Global (formerly ADP) and Procede Software
- ▶ Operates with IEEE 802.15.4 — wireless protocol assures no Wi-Fi vulnerability

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.



# Why Wireless?



**Collect information easily and seamlessly.** With Matrix, key components of your bulk fluid delivery system communicate with each other wirelessly and capture real-time data to help you make sure fluids are tracked and accounted for.

## MATRIX METER

Your technicians run thousands of dollars' worth of fluids through their hands. Shouldn't they have the best equipment? Ultra-durable Matrix meters stand up to tough use, backed by a 7-year warranty (3 years on electronics). The keypad gives technicians control right from the meter, and dispense data can be associated with the work order for paperless transactions.



## MATRIX TRANSCEIVER

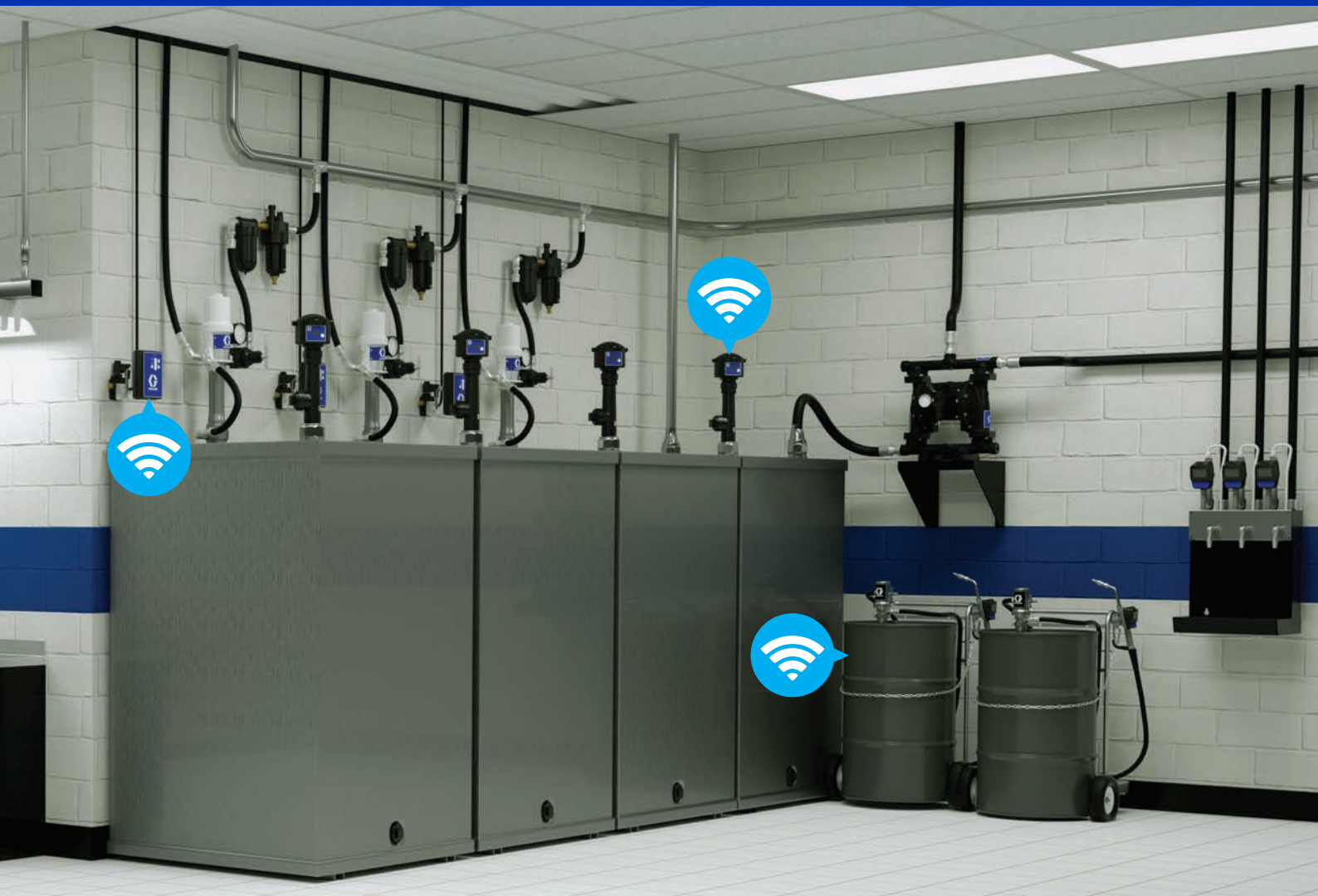
Facilitates high-speed communication between the USB ports on the PC and the wireless devices in the shop (dispense meters, tank monitors and pump air controls). It's easily scalable for multi-floor or multi-building facilities.



## MATRIX TANK-LEVEL MONITOR

Accurate ultrasonic sensor is scheduled to give you a daily report of the tank level, removing worries about supply tanks running low or reclaim tanks getting full. It's easily configured to send e-mail notices on tank levels to managers, as well as new and used oil suppliers.





Because Matrix is wireless, it's easier, less costly and less labor-intensive to install than wired systems. You can even add Matrix to your current system.

#### **MATRIX PUMP AIR CONTROL**

Prevents unauthorized access to fluid inventory. Pump air supply is shut off automatically after the dispense, preventing spills and expensive cleanup if a broken line occurs. Pump operation is enabled only when a dispense has been activated from the meter.



#### **MATRIX MOBILE CAPABILITY**

Matrix wireless technology allows you to control your mobile drums and dispensers, providing security for expensive drums of synthetic and semi-synthetic fluids.



**Coupled with Graco's complete line of pumps, hose reels and fluid reclaim systems, you get a total solution that could be the X factor to improve your bottom line.**



## 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.

## GRACO LOCATIONS

### MAILING ADDRESS

P.O. Box 1441  
Minneapolis, MN 55440-1441  
Tel: 612-623-6000  
Fax: 612-623-6777

### AMERICAS

#### MINNESOTA

Worldwide Headquarters  
Graco Inc.  
88-11th Avenue N.E.  
Minneapolis, MN 55413

### EUROPE

#### BELGIUM

European Headquarters  
Graco BVBA  
Industrieterrein-Oude Bunders  
Slakweidestraat 31  
3630 Maasmechelen,  
Belgium  
Tel: 32 89 770 700  
Fax: 32 89 770 777

### ASIA PACIFIC

#### AUSTRALIA

Graco Australia Pty Ltd.  
Suite 17, 2 Enterprise Drive  
Bundoora, Victoria 3083  
Australia  
Tel: 61 3 9468 8500  
Fax: 61 3 9468 8599

#### CHINA

Graco Hong Kong Ltd.  
Shanghai Representative Office  
Building 7  
1029 Zhongshan Road South  
Huangpu District  
Shanghai 200011  
The People's Republic of China  
Tel: 86 21 649 50088  
Fax: 86 21 649 50077

### INDIA

Graco Hong Kong Ltd.  
India Liaison Office  
Room 432, Augusta Point  
Regus Business Centre 53  
Golf Course Road  
Gurgaon, Haryana  
India 122001  
Tel: 91 124 435 4208  
Fax: 91 124 435 4001

#### JAPAN

Graco K.K.  
1-27-12 Hayabuchi  
Tsuzuki-ku  
Yokohama City, Japan 2240025  
Tel: 81 45 593 7300  
Fax: 81 45 593 7301

#### KOREA

Graco Korea Inc.  
Shinhan Bank Building  
4th Floor #1599  
Gwanyang-Dong, Dongan-Ku,  
Anyang-si, Korea 431-060  
Tel: 82 31 476 9400  
Fax: 82 31 476 9801

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Graco is certified ISO 9001.

### Europe

+32 89 770 700  
FAX +32 89 770 777  
WWW.GRACO.COM