

# Gauge The Possibilities

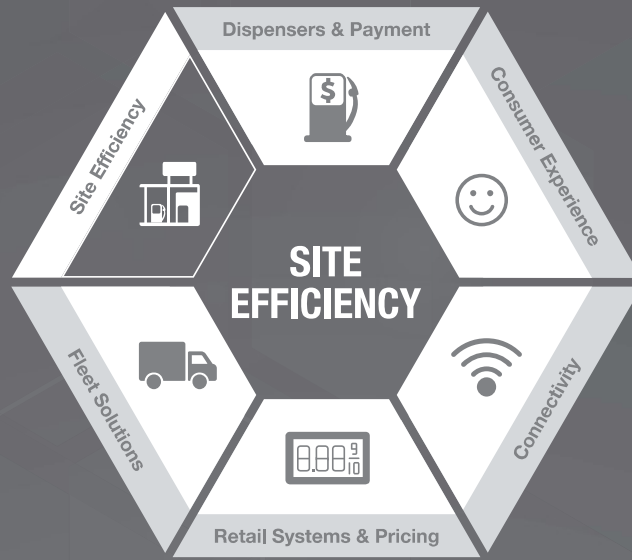
ProGauge MagLink LX Plus



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# Experience the Best

The ProGauge MagLink LX Plus, the latest tank gauge console from Dover Fueling Solutions (DFS), comes with intelligent 'touch and swipe' technology. The premium MagLink LX Plus joins the MagLink console family alongside the ProGauge MagLink LX 4 model, with enhanced scalability, flexibility and connectivity. It's our most sophisticated, feature-rich console yet!

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# Flexible. Scalable. Interactive. Global.

## It's Flexible

The MagLink LX Plus not only supports simple 'on/off' sensors; it also interfaces seamlessly with intelligent sensors, such as those built on IntelliSense™ technology. This gives you even more flexibility when it comes to connecting your console to your forecourt equipment, and even greater monitoring coverage made visible through a single user interface. Unlike its younger brothers, the MagLink LX Plus is also manufactured with the inbuilt capability to support all legacy probes from DFS, including OPW Fuel Management Solutions models.

## It's Scalable

The MagLink LX Plus is a console designed to be scaled up. With base monitoring capabilities of up to 12 probes, this console can be easily enhanced to deliver monitoring of up to 32 probes across your network. This, coupled with patented multidrop technology which reduces installation costs, makes the MagLink LX Plus the ideal solution for fuel retail sites of all sizes.

## It's Interactive.

The MagLink LX Plus' touchscreen enables you to effortlessly move between screens to easily view all of your tank data through its new and improved graphical display. This, alongside with a brighter screen, faster processor and simplified reporting capabilities makes it one of the most advanced tank gauge consoles on the market.

## It's Global.

Wherever you are in the world, whatever your needs, and whatever your forecourt set up, the MagLink LX Plus is all you will ever need.

## It's Environmentally Concious.

The MagLink LX Plus' highly precise and well-calibrated line leak detection system ensures your site is protected 24/7. With this console pressure lines are continuously monitored and site owners have the ability to perform leak tests on up to eight pressure lines directly via the console.



# Features and Functions

- User-friendly interface with new intelligent 'touch and swipe' navigation
- Calendar feature for deliveries, alarms and warnings, which can be filtered by event and/or tank
- Supports up to 12 probes (32 with optional external barriers)
- Supports both wired and wireless probes on the same system
- Supports legacy OPW FMS 924B probes
- Can monitor manifolded or grouped tanks
- Automatic Calibration and Reconciliation (ACR) to reconcile fuel use and deliveries (point-of-sale (POS) interface required)
- Displays tank volume, TC volume, ullage, water, density (additional density float required) product level and water level, and product temperature for individual tanks
- Automatic leak detection (POS connection not required)
- EPA certified for 0.1 gph and 0.2 gph static tank leak detection
- EPA certified for 0.1 gph, 0.2 gph and 3.0 gph pressure line leak detection
- Leak detection scheduling by day/week/month
- Local or remote PC connection
- IFSF support (additional external interface required)
- Audio, visual, email and printed alarm notifications
- Console configured through a web interface. No added hardware or proprietary software needed
- Web interface-optimised for handheld devices (mobile and tablet)
- Network connectivity: DHCP and static addressing
- 2 x relays on board
- Optional input/output module expands functionality adding a maximum of 32 relays or 32 input connections
- Monitoring sensors supported (wired and wireless)
- Reports include: inventory, deliveries, tank history, leak test, shifts, reconciliation and sales
- Configurable to meet local settings (date/time formats and metric/imperial units)
- Communicates with most industry-standard third-party POS protocols (Serial and/or Ethernet)
- Optional aqueous ethanol float (AEF) detects potential phase separation
- Product density support via optional Density kit
- Systems updates can be applied via USB (or remotely)
- Enabled for wetstock monitoring services ('Fairbanks On Board')
- Driver display option, external display for tanker drivers
- Printer options: USB or Serial
- Communication ports
  - RS 232 communication port
  - RS 485 communications port
  - Ethernet port
  - USB port

# Certifications



# ProGauge



# ProGauge

# Gauge The Possibilities

Dover Fueling Solutions® (DFS) is now offering **Electronic Pressurized Line Leak Detection (PLLD)**, together with the ProGauge MagLink LX Plus automatic tank gauge (ATG) console.

## Certified. Scalable. Precise. Powerful.



The Maglink LX Plus console is a certified, precise ATG console that is easy to install and use, providing powerful analytics and reports to help efficiently manage your fuel inventories and keep you compliant. The new ProGauge electronic PLLD option is perfectly suited for use on sites with pressure supplied fuel systems that use any type of Submersible Turbine Pump (STP).

### The ProGauge PLLD system is:

- Easy to install and provides a seamless operation, to meet everyday business and environmental compliance needs
- Developed and certified to meet the most demanding industry requirements
- Third-party certified for 0.1, 0.2 and 3 gallons per hour (gph) according to U.S. EPA test requirements
- Able to monitor the integrity of pressurized product lines, regardless of the type of pipe used or site configuration



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## How does the PLLD system work?

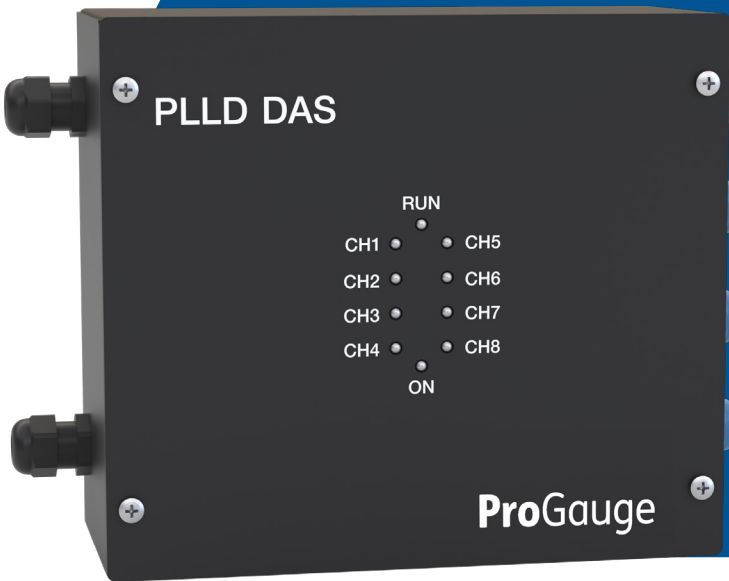
The ProGauge PLLD system is easy to install and includes an straightforward setup, with an automatic learning mechanism to detect product pipeline characteristics and the automatic adjustment of calibration settings.

A digital pressure sensor is installed per pressure line, directly on a 2" test port on a STP head, as to not disturb normal product flow. The PLLD sensor is constructed in stainless steel and carries all required safety certifications.

The PLLD system performs daily, monthly and annual tests as per EPA rules. The system also monitors line pressure during fueling cycles. If an abnormal pressure drop is detected during dispensing, the system will automatically stop the STP. When the station is quite or idle, the system monitors the static line pressure. If a pressure drop is detected, the system will automatically run a 3.0 GPH test to check the line integrity.

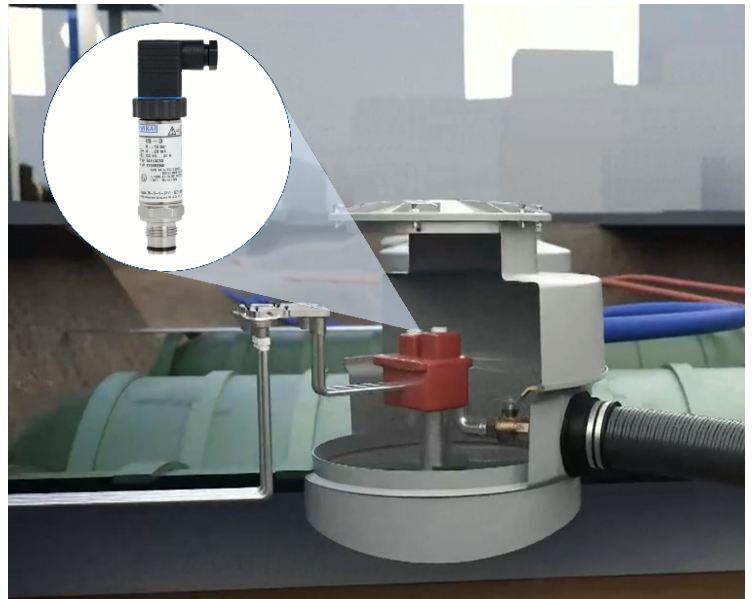
In the event a leak is detected, the PLLD system can be set to automatically shut down the STP, ensuring environmental damage is minimized.

The MagLink LX Plus consoles sophisticated algorithm will automatically compensate product temperature variations, and minimize possible false alarms caused.



## Operating Conditions

- **Fuel Compatibility:**
  - Unleaded and leaded gasoline
  - Diesel
  - 5% Methanol
  - Ethanol (up to E100)
  - BioDiesel (up to B100)
  - 15% MTBE
  - Kerosene
  - Jet Fuel
  - Aviation Gasoline
  - DEF
- **Operating Range:** 0 – 6 bar (0 to 87 PSI)
- **Min Pump Output Pressure:** 1.38 bar (20 PSI)
- **Max Volume of Pipe:** up to 559 gallons for combination (flex, semi-rigid, rigid) pipelines



## Certifications



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Wayne OPW ClearView AvaLAN Bulloch



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