



Highland Tank®

**Measure • Monitor • Manage
Anywhere • Anytime • Any Device**



High-LINK® Integrated Systems - Bringing All The Pieces Together

With a long-standing tradition of supplying the highest-quality steel tank systems for a wide array of applications, Highland Tank is now enhancing the intelligence of those products with integrated monitoring and management systems.

High-LINK® Integrated Systems couple superior steel tank products with state-of-the-art electronic management devices and proprietary software providing real-time data to optimize any liquid transfer and use operation.

High-LINK® provides a multitude of monitoring capabilities that are customized to your current needs and expandable for future growth.

High-LINK® is internet-based with the ability to send critical data to any networked device. This powerful management tool focuses on the security of assets and risk mitigation all on a user-friendly dashboard.



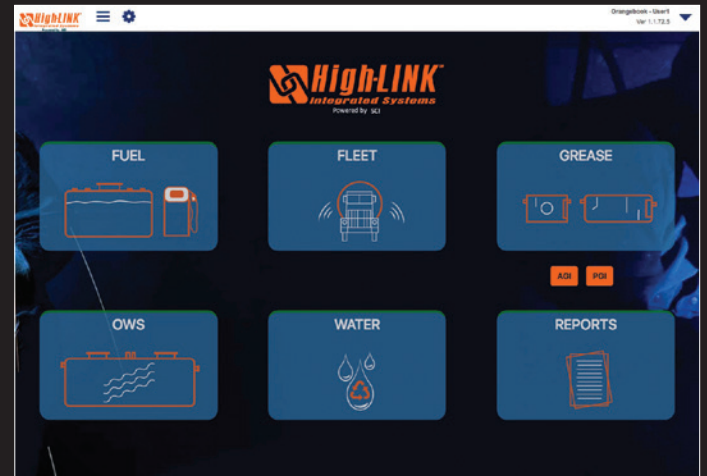
Each High-LINK® System is customized for site-specific conditions and requirements. The integrated database architecture utilizes analytics and business intelligence to oversee your capital assets to ensure efficient and effective operation. Monitor trends, benchmarks, and actionable data to make informed decisions and maximize the life cycle of your equipment.

Applications:

- Fuel Systems - gas, diesel, & lube oils
- Wastewater treatment systems for hydrocarbons
 - Advanced Hydrocarbon Filtration Systems
- Rain or storm water process and reuse systems
- Fats, oils, grease, & solids (FOGS) management in grease interceptor operations

Single source solutions:

- Condition monitoring
- Modular and true turnkey systems
- Customized to suit simple or complex applications



Manage Multiple Complex Syst

Greywater Recycling

Heating Fuel

Emergency Fuel Storage

Vehicle Monitoring



Items from Anywhere at Anytime



Rainwater Harvesting

FOGS Handling

Stormwater Runoff

Fleet Fueling

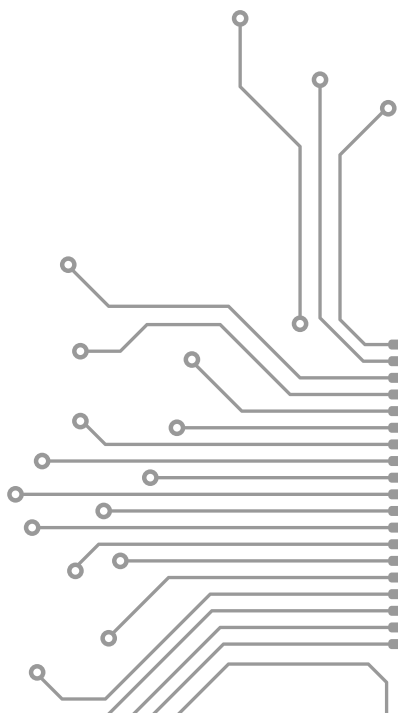
Fire Protection

Fuels - Manage Inventory & Usage

High-LINK® Level Shield is cutting-edge, easy-to-install technology for fixed and mobile tanks to manage product inventories. High-LINK® analyzes data continuously, featuring smart alerts that allow users to efficiently manage their liquid inventory at one or multiple locations via a single-platform, cloud-based software application.

High-LINK® employs a wide variety of liquid measurement tools to fit the needs of many different applications. Level Shield replaces the need to rely on human intervention, eliminating errors for liquid level management.

- Manage liquid levels from anywhere
- Save money and increase efficiency
- Analyze data in real time
- Optimize operations with effective level management
- Verify delivery details in real-time



Secure & accurate

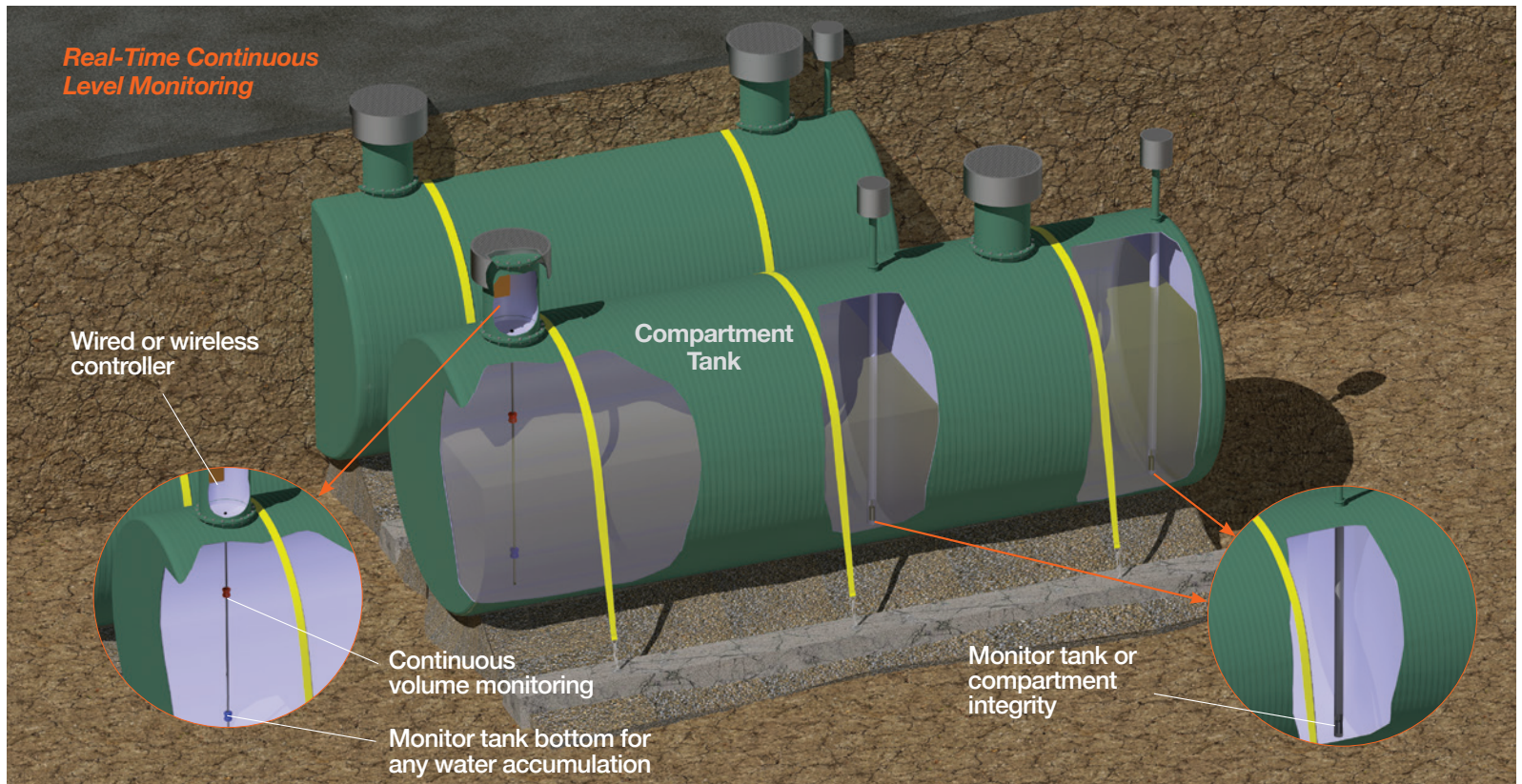


High-LINK® Integrated Systems provide highly-accurate liquid inventory management, anywhere, anytime.

Key Features:

- Customizable alerts for liquid levels, overfill, and water presence.
- Continuous real-time level readings provide detailed statistics of fuel consumption.
- Physical verification of fuel delivered vs purchased with simple-to-use customized reports.
- Automated fuel ordering process with seamless integration to any fuel vendor.
- Secure and convenient multi-user dashboard interface provides full visibility of your operation from any site, at any time, anywhere.

M E A S U R E - M O N I T O R - M A N A G E

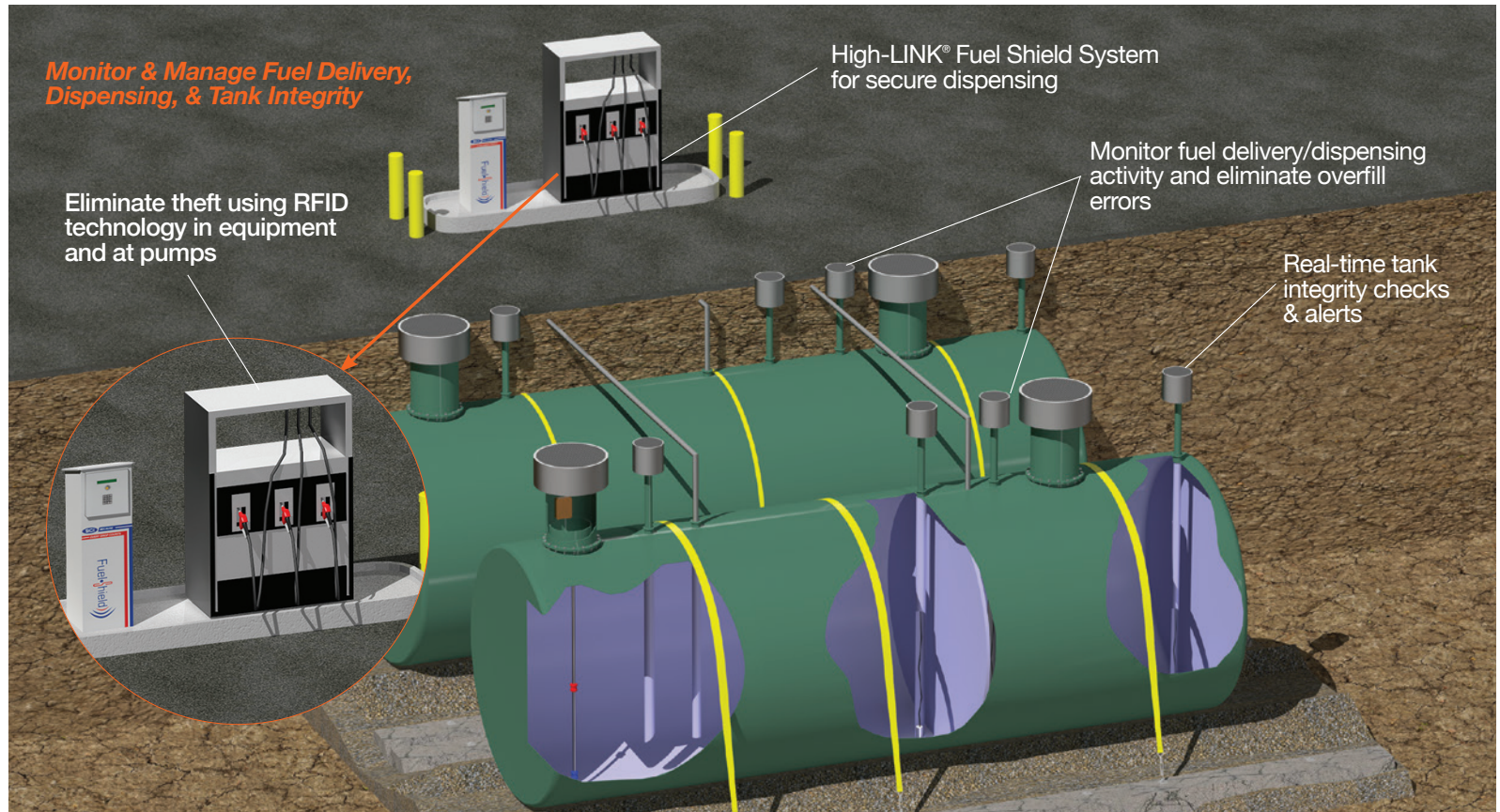
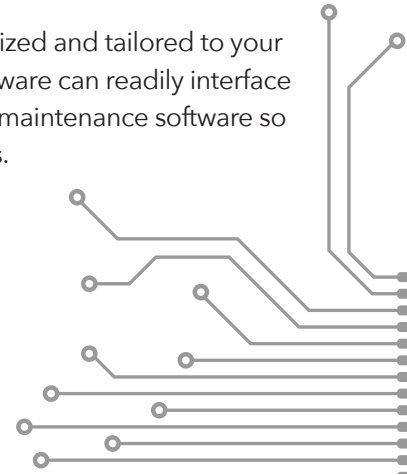


Monitor Dispensing by User & Vehicle

High-LINK® Fuel Shield is the most innovative and accurate wireless automated fuel management system for mechanical or digital pumps. Additionally, Fuel Shield is designed for use on stationary or mobile assets in both retail and commercial applications.

Accurately track every fuel transaction with vehicle and driver ID, fuel type, amount, cost, date, and time. The Fuel Shield module provides over 50 standard reports and multiple data filtering functions to provide users with robust analytic capabilities.

User-defined reports can be customized and tailored to your process needs. The High-LINK® software can readily interface with any ERP, accounting, or vehicle maintenance software so the user can benefit in multiple ways.



Accurately track every fuel transaction

Pump: BBOffRoad

Graph Data

Page 1 of 1 (10 items) < 1 > Page size: 10

Drag a column header here to group by that column.

Vehicle ID	Vehicle name	Driver ID	Driver Name	Record Date	Total Counter (gal)	Record Type
10525218	BBJC83	0000000000	ByPass	2/14/19 17:19:23	22.83	Automatic fuel out
10525374	BBJC84	0000000000	ByPass	2/14/19 16:28:38	14.06	Automatic fuel out
10524361	BBJC85	0000000000	ByPass	2/13/19 22:28:53	13.40	Automatic fuel out
10525374	BBJC84	0000000000	ByPass	2/13/19 6:09:57	7.67	Automatic fuel out



Benefits

- Eliminate fraud and fueling errors
- Authorize vehicles, equipment, and operator fuel dispensing
- Reduce maintenance cost through preventive and predictive maintenance
- Optimize fuel consumption

Fuel Shield Specifications

- Up to 8 level probe inputs
- Up to 6 hose inputs
- RS 232 port and/or RS 485 port
- High-LINK® software standard
- Communication via WI-FI, GPRS, and/or satellite
- Optional card reader, printer, RFID verification, HID key reader
- Relay outputs as needed

HighLink FUEL DISPENSING
Powered by SCI

BIGBEE (4)

Search by: Tank id, Tank description

ID: 12 **NAME: 12**

Pump: BBOffRoad

Description: BBOffRoad

Fuel Type: OffRoadDle

Last Transaction: 2/14/19 05:19 PM

Vehicle Name: BBJC83

Driver Name: ByPass

gal Dispensed: 22.83

ID: 8 **NAME: 8**

Pump: BBUnloaded

Description: Unloaded

Fuel Type: Unloaded

Last Transaction: 2/13/19 11:28 AM

Vehicle Name: 375

Driver Name: ByPass

gal Dispensed: 15.5

ID: 7 **NAME: 7**

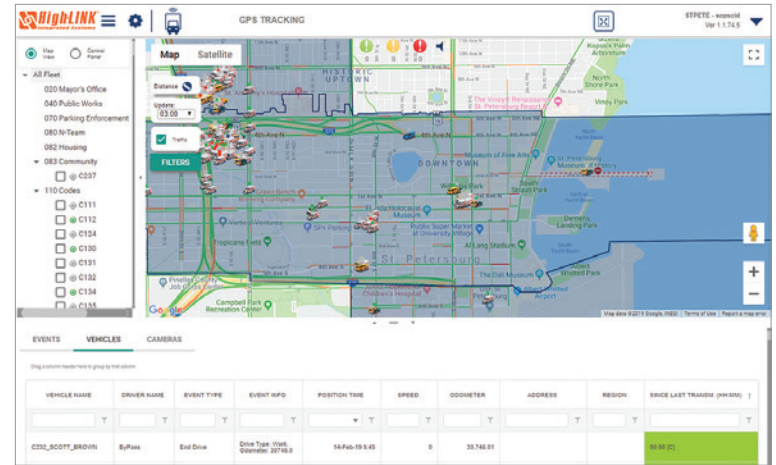
Fleet Management - Vehicles, Drivers, & Maintenance

High-LINK® Track Shield is a system that retrieves ECM and diagnostic data from fleet vehicles for analysis. Data can be transmitted and viewed in real time over GPRS or stored on-board the device. GPS tracking data can be used for route planning, geo-fencing, and location verification.

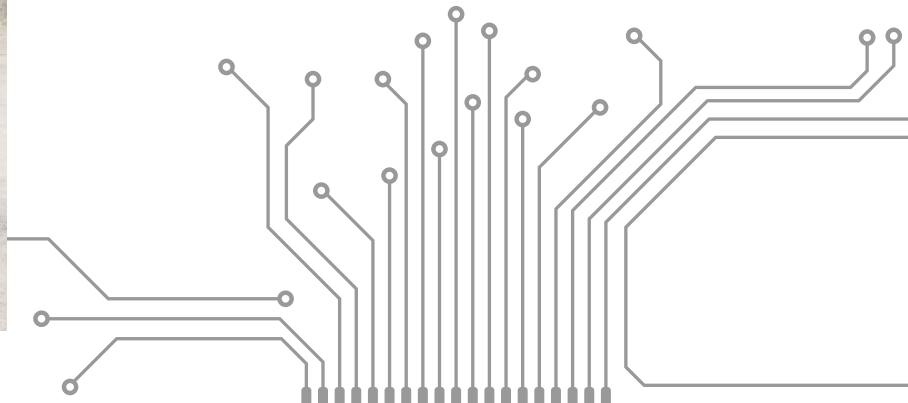
The Point One vehicle system is the key to achieve accurate analysis of fuel consumption, vehicle performance, and driver performance. Point One interfaces with ERP, accounting, and maintenance software to improve driver behavior while decreasing vehicle breakdowns and down time.

Level Shield, Fuel Shield, and Point One work seamlessly, giving you complete control of fuel management from delivery to consumption and every point in between.

Standard and customized reports are available and easily created or modified by authorized users.



M E A S U R E - M O N

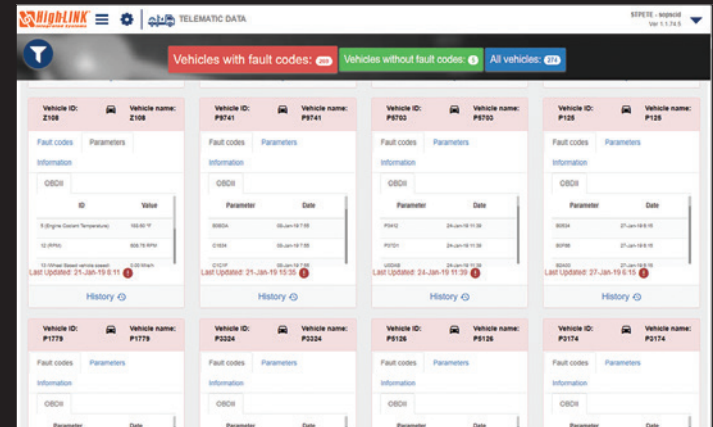


Track Shield - Monitor asset locations and activity to improve operation efficiency and reduce costs.

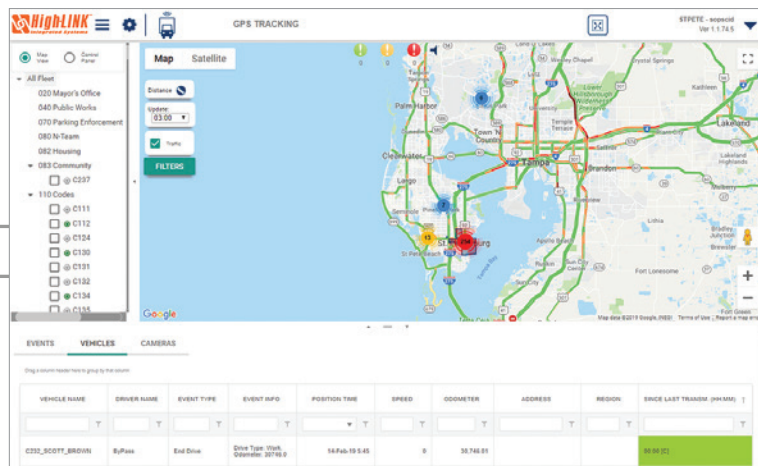
Point One - Retrieve and analyze ECM and diagnostic data to develop efficient, effective maintenance programs.

Vision Shield - High-definition video monitoring in real-time or recorded by event, time, or date for safety and security

Data analytics for vehicle & driver optimization



I T O R - M A N A G E

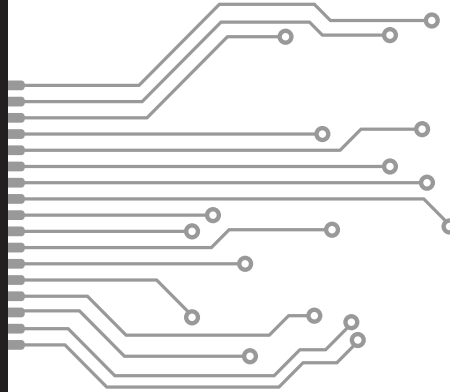


Collect, analyze, & process data
for predictive maintenance



Grease Removal Systems

High-LINK® systems can provide invaluable data for preventive maintenance in food processing and preparation applications. Multiple points of a grease interceptor can be monitored for fats, oils, grease, and solids (FOGS), water and pH levels, skimmer disk rotation, and motor hours.



Site-specific parameters provide control over each automatic grease interceptor system's operation and maintenance.

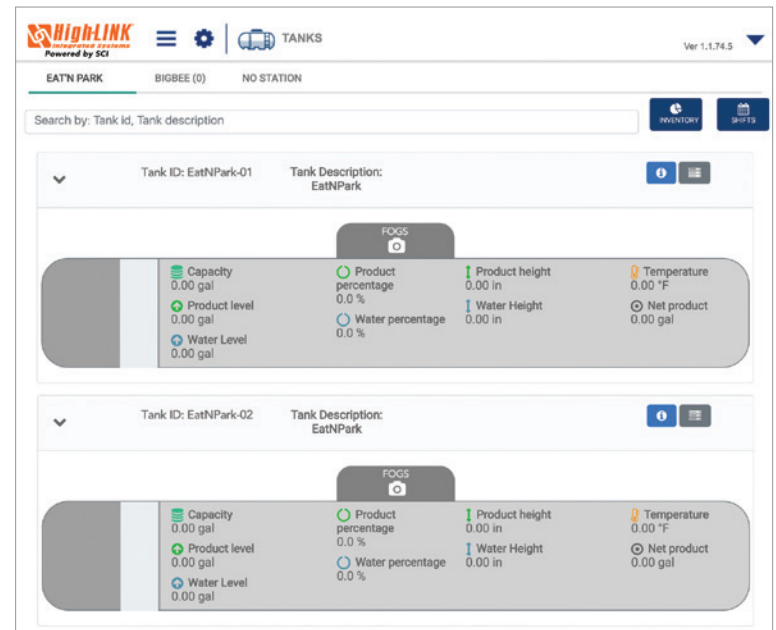
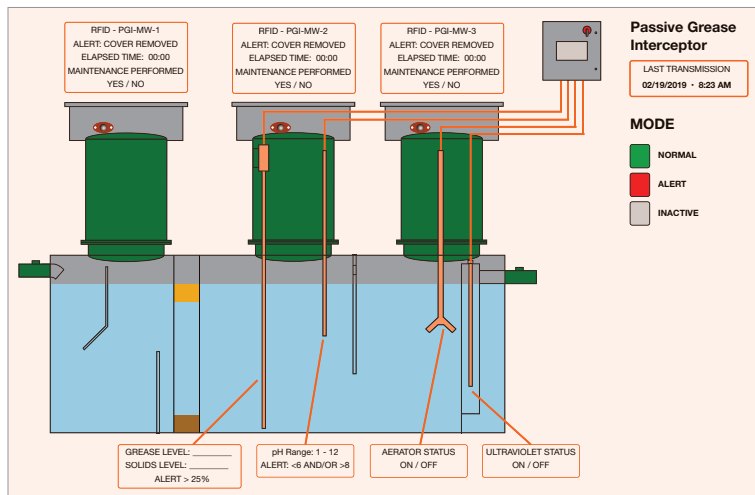




Monitoring Points

- High/low alerts
- Cleaning verification
 - Facility manager can get alerts if not cleaned
 - Verification of cleaning for PGI to ensure vendor compliance and performance
- Protection against fines, environmental issues, etc.
- AGI performance - monitor disc motor performance

Monitor FOGS and pH levels, verify maintenance, and prevent tampering on passive grease interceptors.



Wastewater Systems Monitoring

Wastewater treatment and discharge at many industrial sites is regulated and requires monitoring. Airports, power generation, vehicle maintenance, and petroleum production facilities all produce wastewater that must be treated prior to being released into the groundwater system.

Maintenance and monitoring of wastewater treatment systems demands a unique understanding of the processes and requirements. Our High-LINK[®] systems have been engineered to meet those demands with specialized equipment and analytics.

Predictive maintenance, troubleshooting, flow monitoring, and event monitoring are some of the management tools available with a High-LINK[®] system. Save time and costly field service calls with remote monitoring.



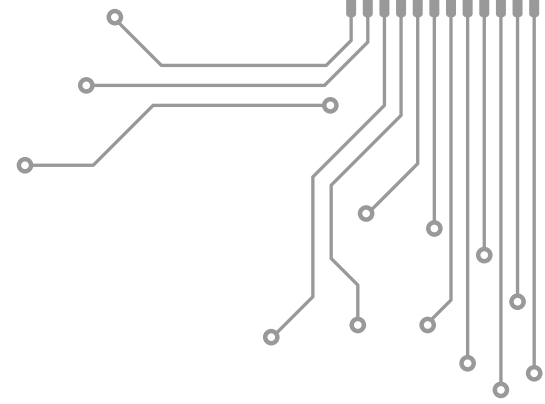
Maintenance and discharge monitoring made easy



Oil/Water Separators & Filtration Systems

Oil/water separators - Real time effluent quality monitoring and level sensing automatically alerts when system needs maintenance or pump-out.

Advanced hydrocarbon filtration systems - Seamless integration of data from control or alarm into High-LINK[®] software for active monitoring and analysis.



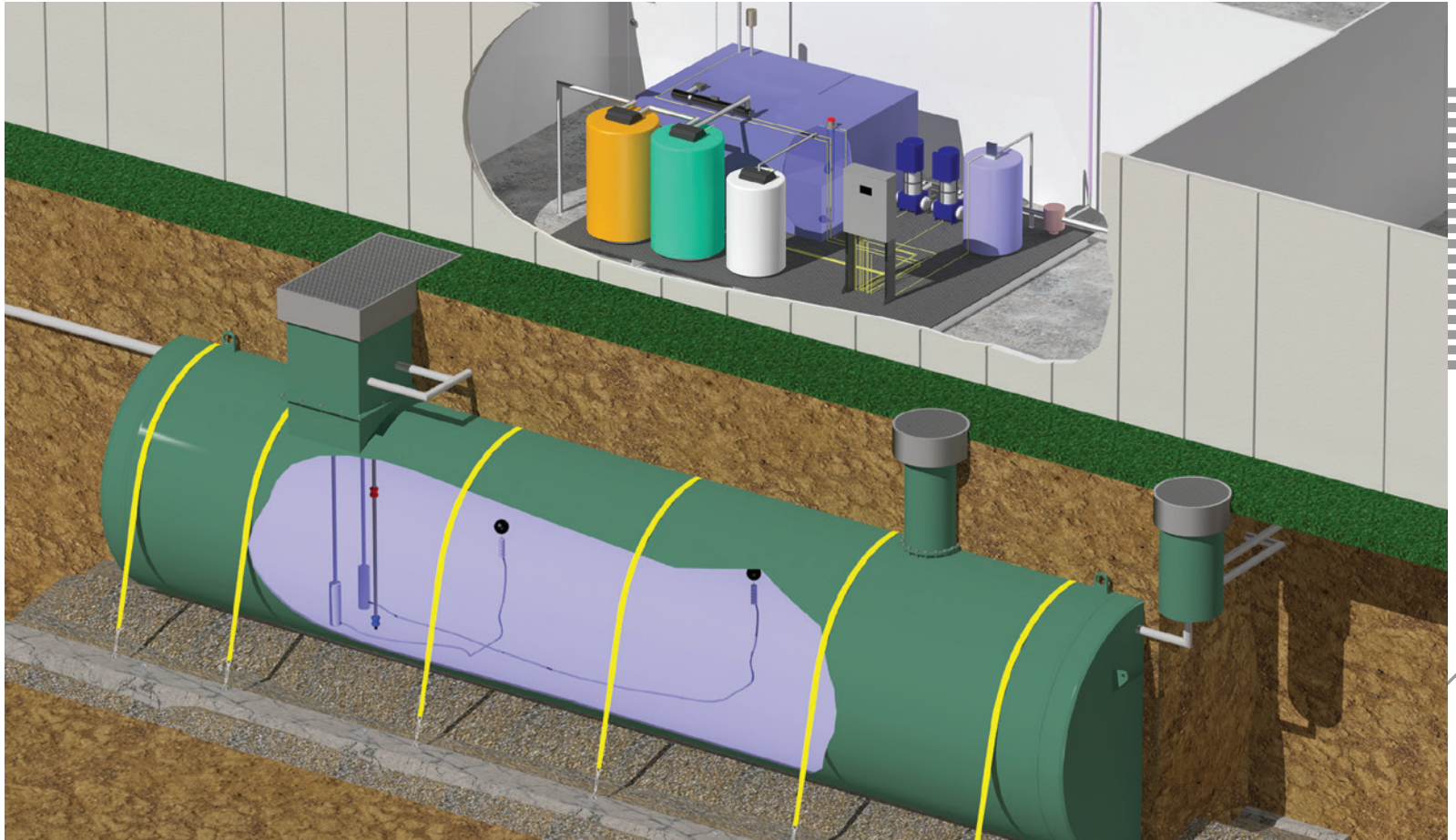
M E A S U R E - M O N I T O R - M A N A G E



Water Processing System Monitoring - Rainwater & Greywater

Water recycling and reuse systems installations are on the rise at a wide variety of locations for multiple applications. The rainwater can be captured and reused for needs like irrigation, fire protection, and restrooms. These systems can be complex, employing filters, pumps, storage tanks, and control valves. We have engineered High-LINK® Integrated Systems to assist in complete water system management.

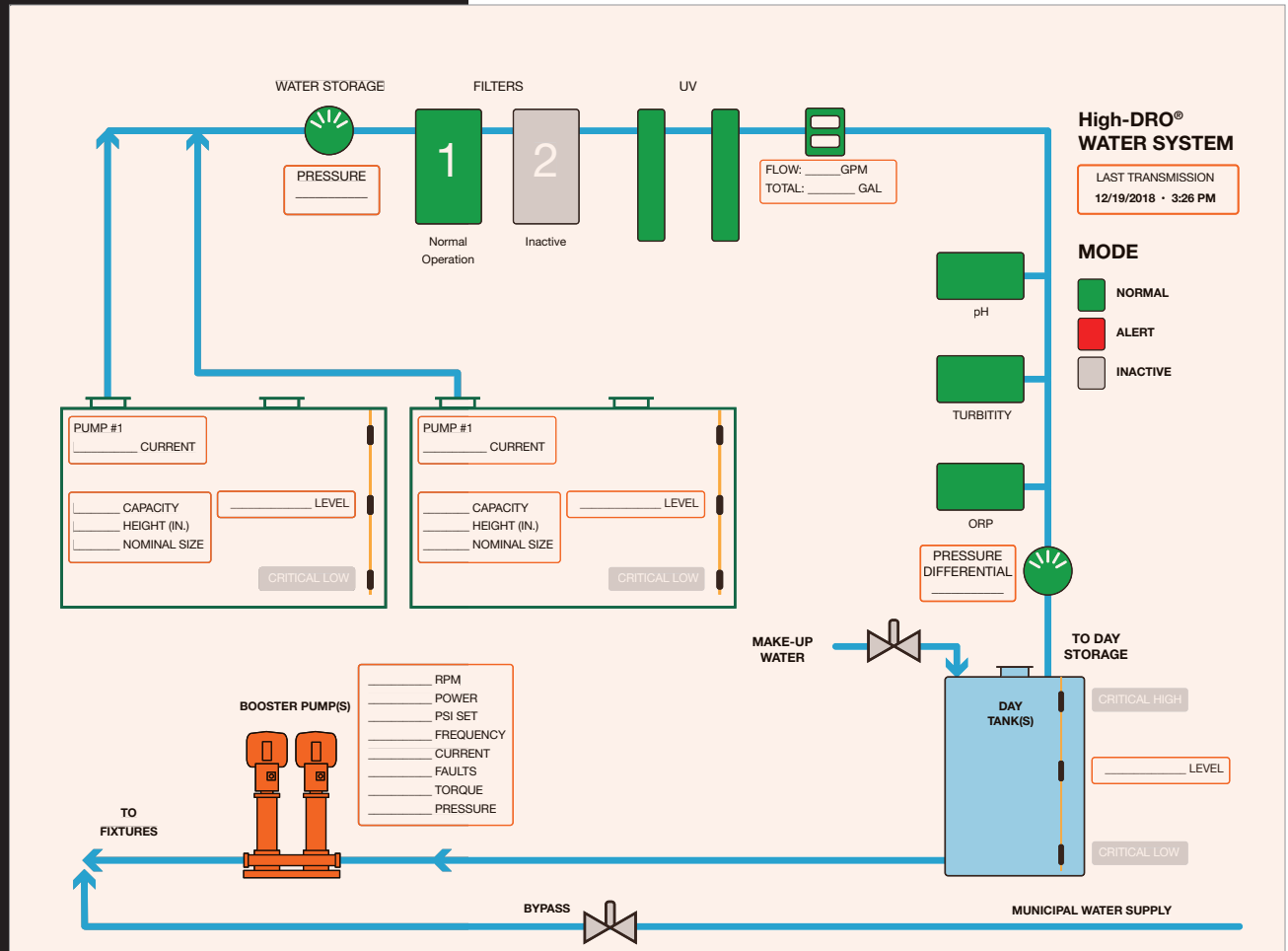
By monitoring system components High-LINK® provides cost savings, predictive maintenance, real-time monitoring, and peace of mind to ensure the rainwater system is always operating efficiently. Additionally, extended warranties and system maintenance agreements are available to remove the concerns of day-to-day operation.



Water quality & quantity monitoring made easy

Water systems - Maximize system life, ensure water quality, quantity, and optimize performance, minimizing shutdowns or interruptions related to equipment maintenance or repair.

Maintenance agreements provide e-mail alerts as a notification to system managers, eliminating the need to physically check the system.





High-LINK® Works with All of Our Product Lines

High-LINK® Integrated Systems pair Highland Tank's diverse product line with cutting-edge on-line management tools that work for you to reduce downtime, increase efficiency of operations, and provide security for your valuable liquid assets.

The value of High-LINK® is proven in added cost savings and security, providing peace of mind across many applications.

No matter the size of your operation, High-LINK® is capable of managing equipment at multiple locations, monitoring mechanical and operator performance, preventing theft, and providing reassurance that your assets are operating at maximum performance levels. High-LINK® is built with the user in mind and tailored to each site's individual needs, helping you to advance service and operations beyond your highest expectations.

Committed to You

Highland Tank has a simple mission: engineer and manufacture innovative, high-quality products while maintaining excellent customer service and relationships founded on integrity.

We meet our partners' needs by relying on proven manufacturing processes while offering engineering innovation and sustainability unlike anyone else in the tank industry.

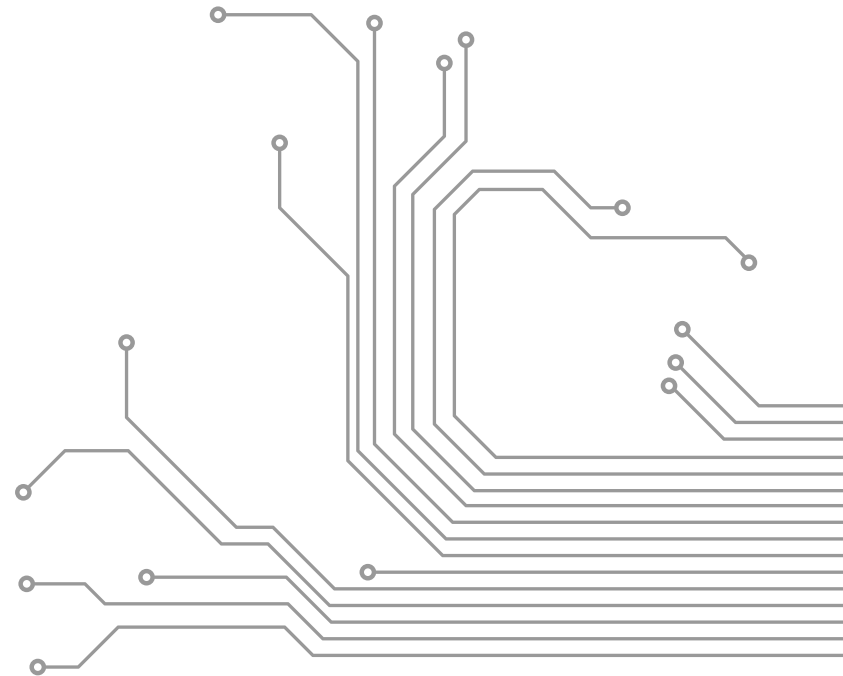
The technology and engineering invested in our products are unparalleled, so we stand behind each tank with full confidence. The exceptional quality of our tanks starts with the pride each of us takes in our craftsmanship, expertise, and service.

We take seriously our commitments to our partners because we know that you can't trust our tanks until you trust our people. Our team of professionals is dedicated to designing and delivering a custom solution backed by a partner you can trust.

Highland Tank is committed to providing you, our customer, with the highest-quality products and monitoring systems backed by the best professional service possible.

Utilizing our knowledge, capabilities, experience, and dedication, Highland Tank can now offer you high-quality, dependable service for those same products throughout their lifetime.

High-LINK[®] provides the highest level of efficiency and performance to compliment your company's bottom line.



with you at every step

Highland Tank takes great pride in the exceptional service we provide. From custom design and fabrication to careful and attentive delivery, each member of our team is fully invested in our partners' satisfaction. We know that our custom-engineered steel tanks are unmatched in their reliability and innovation, but we think it's the relationships we build that truly set us apart from the competition. We look forward to forging a relationship with you to meet your challenges head-on with bold solutions.



Highland Tank®



Highland Tank®

Stoystown, PA

One Highland Road
Stoystown, PA 15563-0338
814-893-5701

Manheim, PA

4535 Elizabethtown Road
Manheim, PA 17545-9410
717-664-0600

Watervliet, NY

958 19th Street
Watervliet, NY 12189-1752
518-273-0801

Greensboro, NC

2700 Patterson Street
Greensboro, NC 27407-2317
336-218-0801

Lebanon, PA

2225 Chestnut Street
Lebanon, PA 17042-2504
717-664-0602

Friedens, PA

1510 Stoystown Road
Friedens, PA 15541-7402
814-443-6800

Clarkston, MI

4701 White Lake Road
Clarkston, MI 48346
248-625-8700

Mancelona, MI

9517 Lake Street
Mancelona, MI 49659
231-587-8412

