

# *Improve safety and optimize gas detection operations*

*with the iNet<sup>®</sup> safety platform*



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## Improve safety and optimize gas detection operations with the iNet® safety platform

Nothing is more important than worker safety. Businesses have been working to protect employees at risk of exposure to hazardous gases for generations. Today brings an unprecedented opportunity to transform safety by adopting a platform that connects gas detectors and key situational information to cloud-based analytics and applications. In doing so, you can dramatically improve the effectiveness of your safety program by:

- Reducing time spent on basic maintenance and compliance tasks so you can focus on the big picture
- Increasing the efficiency and productivity of your team
- Proactively reducing risk rather than simply responding to incidents
- Identifying trends and patterns in safety incidents to stop trouble before it starts

## Meet the iNet safety platform

At Industrial Scientific Corporation, we understand the difference between novelty and innovation. We believe there's no such thing as "good enough" when it comes to gas detection. Since 1985, we have built a reputation for industry-leading products that combine rock-solid reliability with unique features to improve worker safety.

Building on this foundation, we developed the iNet safety platform, a suite of data-driven, cloud-connected solutions that support the next evolution of gas detection safety. The iNet safety platform gives you the insights and visibility you need to optimize detector management, reduce hazards, accelerate emergency response, and drive continuous improvement in safety operations. By simplifying maintenance and providing real-time insights, it makes your team more efficient and productive. Rather than routine maintenance and paperwork, they can invest their time in ongoing safety improvement.



## How organizations are improving safety and operations with the iNet safety platform

Butane and propane gas supplier **Butagaz** improved safety and reduced costs by using iNet® Exchange for maintenance and repair across 16 industrial sites.

A **major metro fire department** recently upgraded to the iNet safety platform to overcome connectivity and maintenance issues related to its use of area monitors to detect gas hazards during large public events.

A **large petroleum refiner and supplier** replaced its existing area monitors with ones from Industrial Scientific in order to avoid interference between devices and improve connectivity and visibility.

## Build on a foundation of proven equipment tailored to your needs

A good gas detection program starts with rugged, reliable detectors selected for your specific hazards and applications. From personal monitors to area monitors to cloud-connected docking stations, your ability to keep workers safe is only as good as the devices you choose. When you start with equipment from Industrial Scientific Corporation, you know you are getting proven accuracy and reliability. Backed by decades of results-driven innovation, you can take advantage of capabilities such as:



**DualSense® technology**, which uses redundant sensors to determine the concentration of the target gas in the atmosphere, reduces the risk of failure and improves worker safety.



**LENS® Wireless**, the first gas detection solution to share readings and alarms between personal and area monitors, enabling team-based safety.



**iAssign® Technology**, found in the Ventis® Pro5, makes tracking people and location data quick and easy, so you can monitor safety more accurately and respond faster.



**Source Area Locator (SAL)**, helping to locate the sources of leaks, and Advanced Back Calculation (ABC) provide real-time, predictive information surrounding chemical release to keep your people and community safe.



**Advanced connectivity options**, including Wi-Fi, cellular, and satellite, enable you to keep lone workers or those in remote areas safer.



## Simplify maintenance and management with data and connected services

Proper maintenance and management ensure devices are ready to keep workers safe at all times. Failures in the equipment room are inconvenient; and failures in the field can be deadly.

However, traditional approaches to detector calibration, management, and repair tend to be hands on and labor intensive. You may need to purchase and maintain multiple extra units to prevent work slowdowns when detectors are out of service, in addition to an inventory of tools and parts. Record keeping using paper forms or spreadsheets is prone to errors — something you can't afford when safety is on the line.

Choosing reliable equipment helps reduce maintenance issues. But it's only the beginning. By investing in the iNet safety platform, you can dramatically reduce maintenance, increase visibility, improve safety, and enhance the productivity of your team.

One way to streamline gas detector maintenance is by choosing from DSXi Docking station options. These options provide automated gas detector charging, bump tests, calibrations, record storage, and fleet management, with flexible data access options for your business needs. Each DSXi unit includes access to iNet® Control cloud automation software, which automatically updates firmware, stores records, and generates compliance reports. It alerts you to high alarm conditions and detectors that are overdue for maintenance so you can take appropriate action faster.

To take maintenance maturity to the next level, you can choose iNet® Exchange, a comprehensive subscription service that covers gas detector maintenance and repair, shipping, calibration gas, docking stations, training, and more. With iNet Exchange, you always have the monitors you need ready for service.

iNet Exchange automatically replaces your gas detectors when — and often before — failure occurs. By eliminating maintenance and repairs from your to-do list, your team gains time to focus on broader improvements to your safety program.

Once your gas detectors are connected to the cloud — whether through a docking station or built-in device connectivity — it becomes easy to access and use the data they generate to inform future safety decisions.



**Individually or together, these solutions help you advance safety, streamline operations, and build a strong strategy for continuous improvement.**

## Gain data-driven visibility and control

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Once you have the ability to collect digital data from your detectors, you need the technology tools to make use of it. The iNet safety platform software suite brings together device management data, real time hazard data and analytics insights to give you maximum visibility and control. **iNet® Control** provides visibility into gas detectors whether through built-in connectivity or via connected docking stations, simplifying management of hazards, people, and equipment from a single dashboard. Bump test reports and calibration trends help you improve compliance, with the ability to print certificates for simplified auditing.

iNet Control also tells you exactly when alarms occurred, how long they were, and enables you to report on highest alarm counts by gas and user so you can address safety issues effectively. If you choose to maintain your own equipment, it gives you insights into equipment failures so you can stay on top of repairs and fleet maintenance.

Worker safety also depends on how quickly you can respond to an emergency. With live monitoring in **iNet® Now**, you gain real-time visibility into worker and site conditions. Real-time text, email, or onscreen alerts about worker location and status enable you to respond when it matters, while a live map of worker locations and hazards help save time in emergencies. Because it provides visibility across all devices and locations, iNet Now also makes it possible to identify high-risk areas with visual summaries of gas alarms by type, location, user, and more. The software helps track devices to significantly reduce lost devices at your site. From the worker's perspective, iNet Now eliminates manual check-ins so they can focus on the job.

If a chemical release happens, having the right tools and insights can make all the difference. With **SAFER One® Dynamic Plume Modeling** you get real-time, predictive information that enables proactive response during a chemical event. It enables you to immediately identify the source of a chemical leak so you can stop it quickly, pinpointing danger zones on a map that combine real-time data from gas sensors, weather stations, and local traffic patterns.

Your team can work more efficiently by automating post-event analysis and odor-complaint processes. With the resulting data, you can make strategic improvements to safety protocols, helping reduce the impact of future incidents.

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## Increase safety, efficiency, and performance with the iNet safety platform

The iNet safety platform combines industry-leading detector technology, innovative software and services, and a commitment to impactful innovation. By using it in whole or in part, you can streamline operations, ensure device readiness, enhance visibility into worker and site conditions, respond faster during emergencies, and more — all with the goal of protecting worker health and safety.

Whether you want to improve hardware reliability, consolidate monitoring and management, or optimize overall safety operations, the iNet safety platform gives you the tools you need. You can adopt the elements that make sense for your business today and grow into more advanced capabilities at your own pace. Most importantly, we focus on innovation that makes a real difference to safety, always building on a foundation of the most reliable, capable equipment in the industry

**Learn more about how the iNet safety platform can help you take safety to the next level.**

[LEARN MORE](#)



# About Industrial Scientific Corporation

Industrial Scientific is on a mission to end death on the job through portable gas detection, hardware as a service, and advanced analytics that help prevent exposure to hazards and deliver unmatched clarity into safety and operational performance. Since 1985, Industrial Scientific has helped customers around the world automate critical safety workflows to ensure that their people go home safely each night.

**For more information, visit [www.indsci.com](http://www.indsci.com).**



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