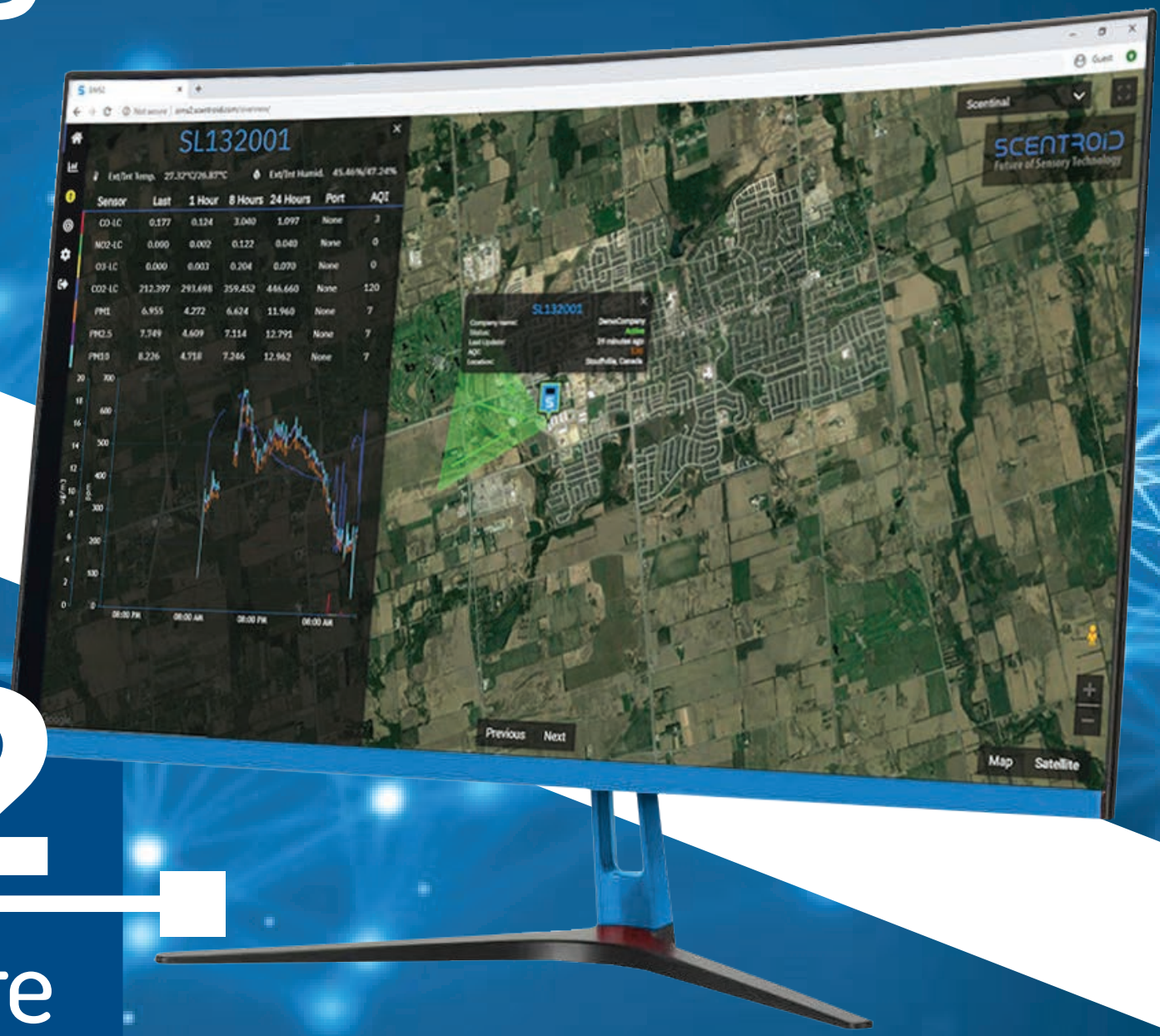
SCENTROID

SIMS2

Software Brochure



Letter from Scentroid's CEO

Scentroid's mission is to empower our clients with vast in-depth knowledge, state-of-the-art instruments, and the most extensive customer support. To this end, we strive in every aspect of our operation to put our client first and to use our research expertise to develop the most innovative and effective products and services in the sensory industry. We envision a future were environmental impacts will be easily and accurately measured and mitigated.

Dr. Ardevan Bakhtari
CEO, Scentroid

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INTRODUCING SIMS2

SIMS2

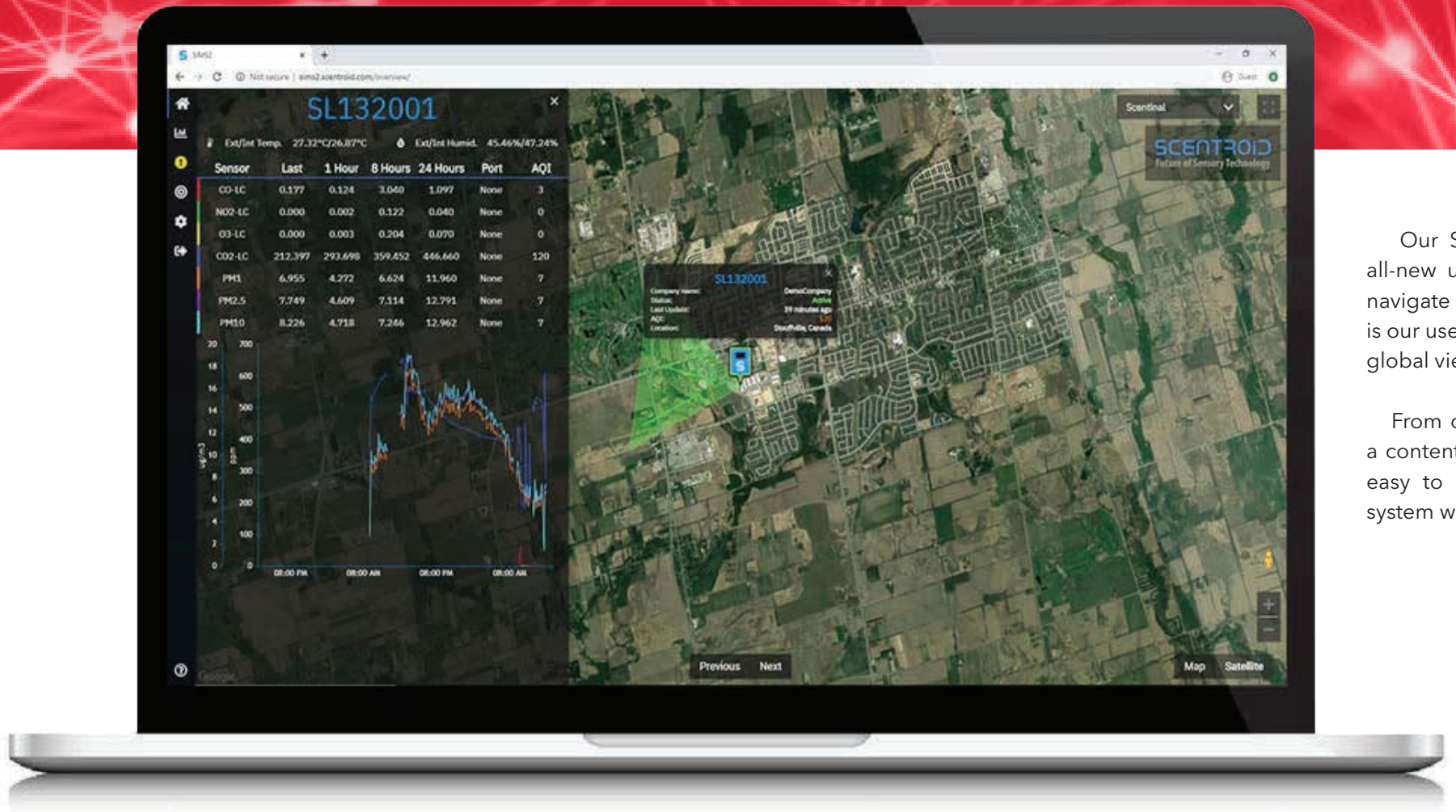
Sensor Information Management System

The Scentroid Sensor Information Management System, SIMS2, is our all-inclusive software used to view and analyze historical data, run diagnostics, and configure various settings for your supported instrument. Provided as part of our Scentroid continuous air quality monitoring package, the software can be accessed with any stable internet connection.

SIMS2 provides easy analysis tools for an operator to determine pollutant threats, air quality alarms, historical data, sampled areas, and much more. The easy to use graphical interface allows anyone to run complicated data analytics without being an air quality expert.

SIMS2 is capable of displaying data from multiple analyzer devices within the same network. Users can analyze data and monitor progress remotely from a single platform.

NEW USER INTERFACE



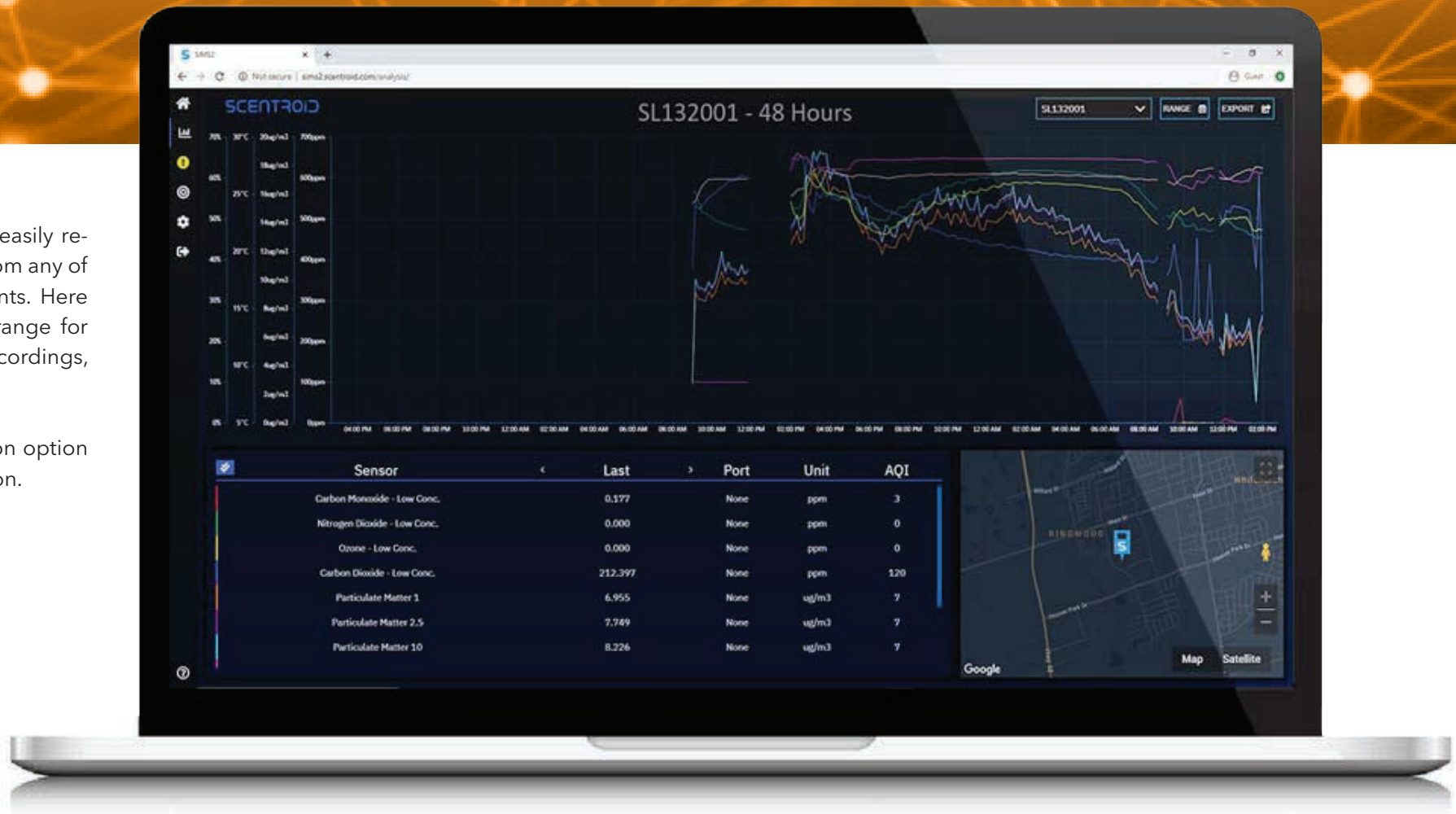
Our SIMS2 system boasts a stunning, all-new user interface, designed to easily navigate and interact with. The image here is our user homepage, where you will find a global view of your instruments.

From opening your software to viewing a content rich analysis page, a simple and easy to grasp user intuitive navigational system was our main design priority.

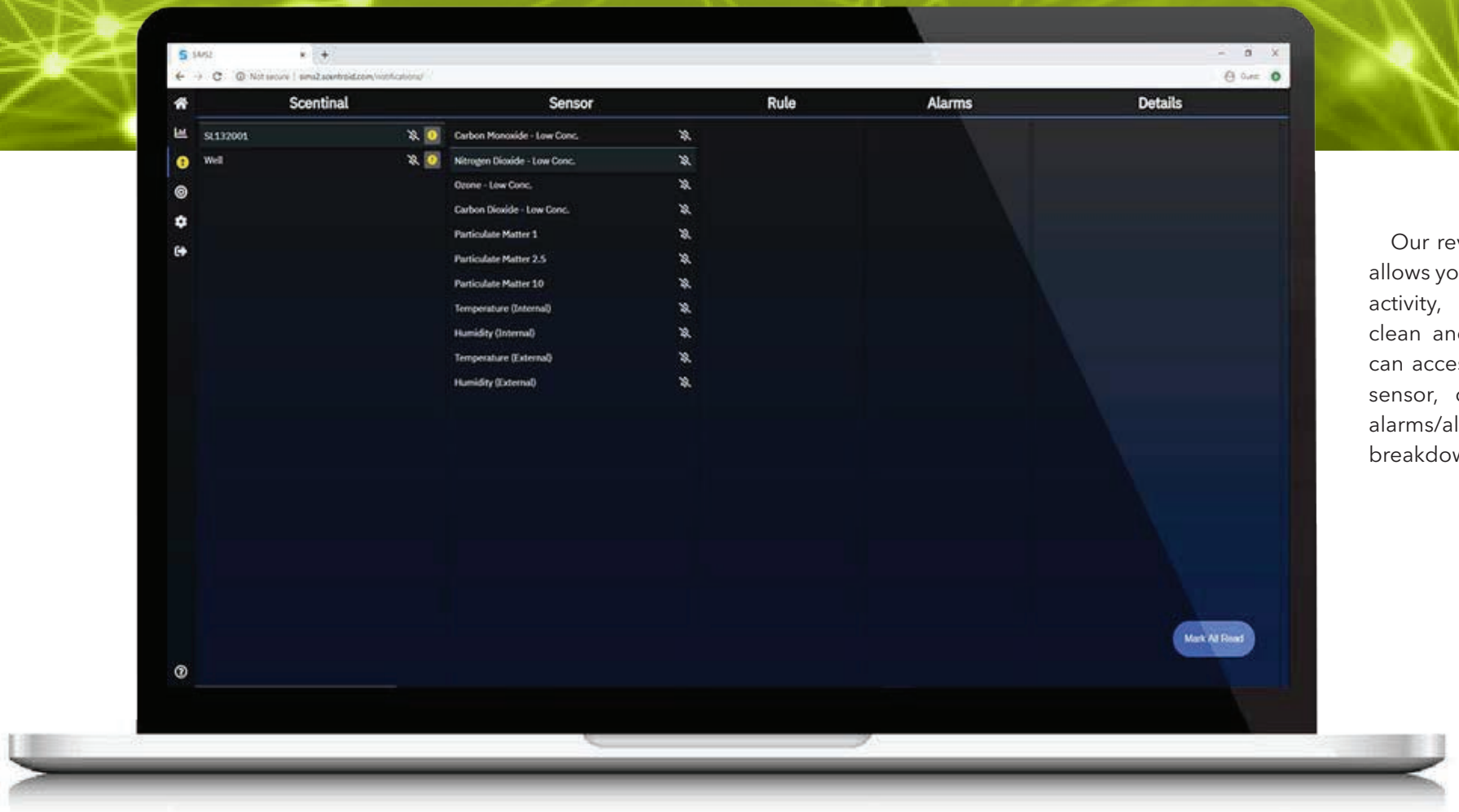
ANALYSIS MADE EASY

The new analysis page lets you easily review and analyze historical data from any of your active (or inactive) instruments. Here you can select a date and time range for an assessment of your device's recordings, and export your results.

Furthermore, a data re-calibration option is available with the click of a button.



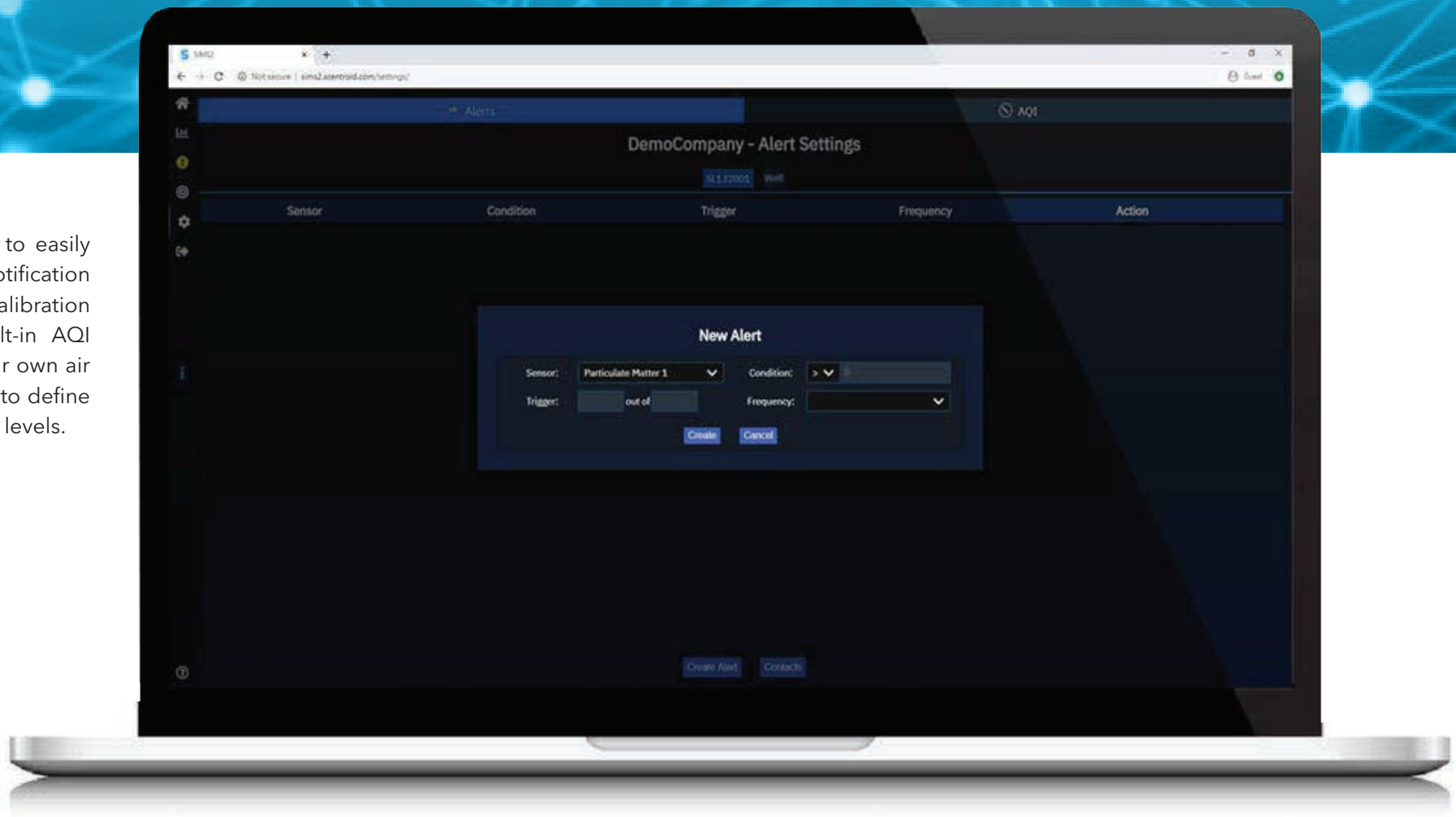
SMART NOTIFICATIONS



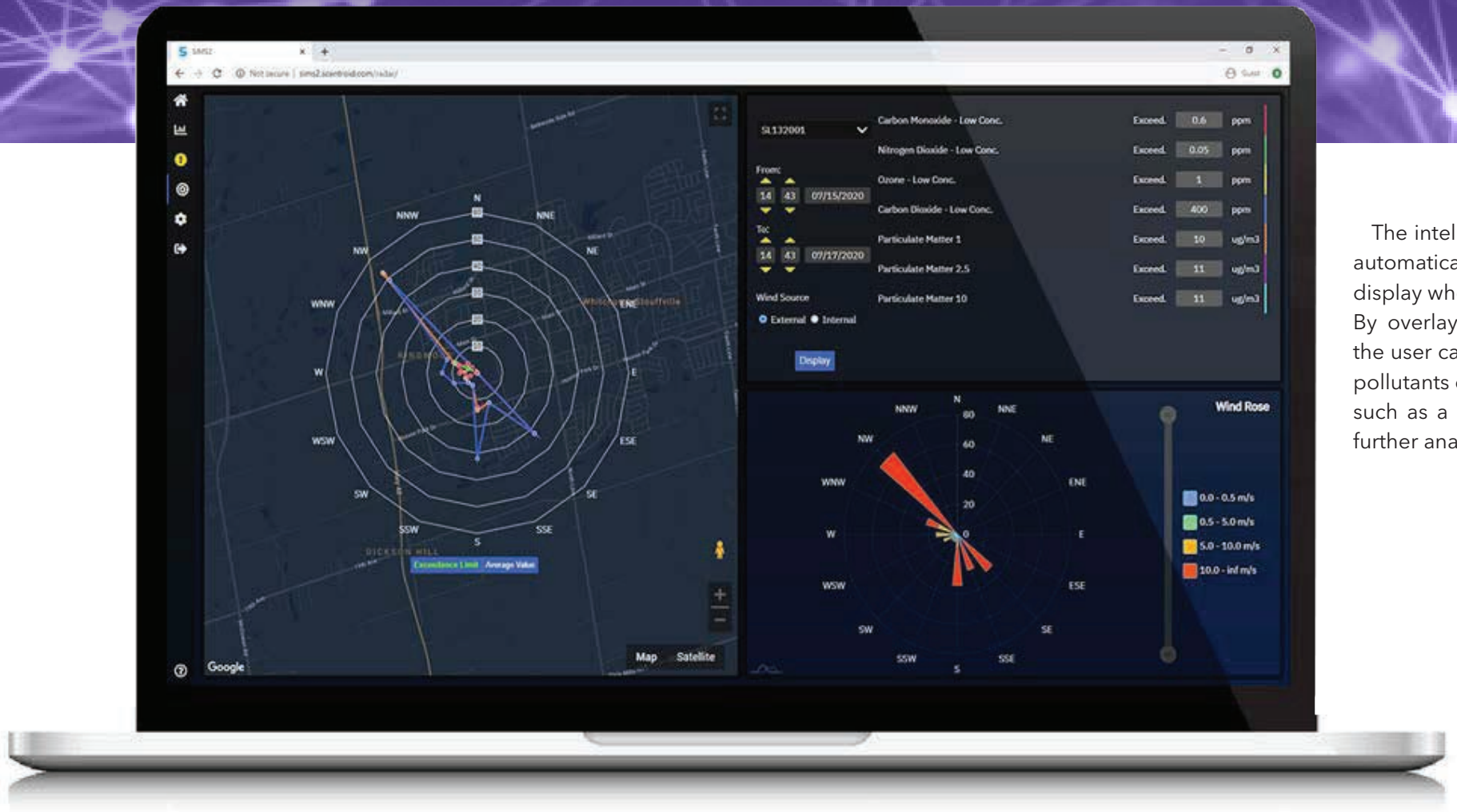
Our revamped SIMS2 notification center allows you to quickly view your instrument's activity, health, and alarms through a clean and organized interface. Here, you can access your device, look up a specific sensor, display all of your established alarms/alarm rules, and obtain a detailed breakdown of your alarm status.

ADVANCED SETTINGS

The settings page allows you to easily adjust any of your analyzer's notification thresholds, all of their calibration parameters and more. The built-in AQI interface allows you to create your own air quality index rules for any sensor to define healthy, unhealthy and dangerous levels.



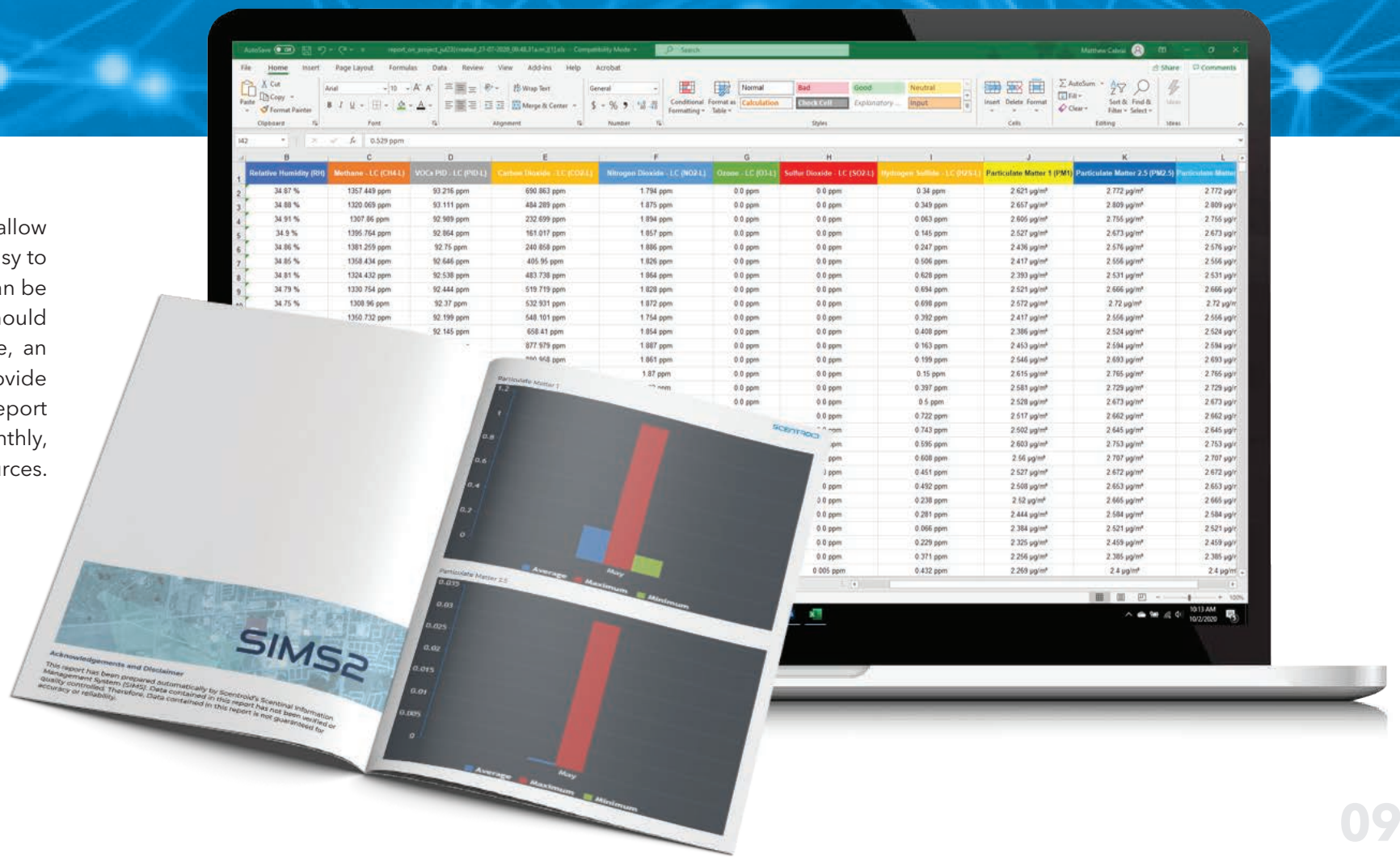
ALL-NEW RADAR MODE



The intelligent radar mode conducts and automatically analyzes collected data to display where each pollutant traveled from. By overlaying this information on a map, the user can easily identify the source of all pollutants detected. Additional information such as a wind rose is also presented for further analysis.

EXPORT YOUR REPORTS

Our SIMS2 Software will not only allow you to see project data through our easy to read graphs, but all raw sensor data can be exported into an Excel document. Should you register for our SIM2 Pro service, an automatic report generator will provide you with a professional analysis report highlighting exceedances, daily, monthly, and annual averages, and pollution sources.



SMS AND EMAIL ALERTS

We understand that you may not always have access to your computer to view in-app notifications on sensor alarms and alerts. Should you be monitoring a potential air quality hazard, an immediate notification may be necessary. Scentroid has you covered! Our SIMS2 Pro system is capable of notifying you via SMS or email should any sensors report an exceedance of a pre-determined value within our alarm settings page.

COMPATIBLE DEVICES

AQSAFE INDOOR AIR QUALITY MONITOR

AQSafe indoor air quality monitor observes indoor air quality with up to 12 sensor varieties, including pressure, temperature, relative humidity, and GPS. Our sensor detection ranges from dust (PM1, 2.5, and 10), noise, radiation, and many other chemical compounds found indoors.

The AQSafe features a compact, low profile design. It is both easy to install and operate. Not only has it been proven for long term stability, but all sensors have been calibrated and prepared for your space. The AQSafe is your new companion for indoor air quality monitoring, built with labor saving, cost-effective, and health and comfort measures in mind.

The AQSafe features built in software for graphical representation, statistical data, and alarm systems. The touch screen incorporates control over a variety of advanced gas sensor technologies, designed to monitor the target gases (which can be specified at the time of ordering). A full list of sensors is available on our website.

RELIABLE, STABLE, ENHANCED

Conducts automatic health check of all sensors daily and sends reminders when any sensor requires a replacement

WIRELESS CONNECTIVITY

Easily connects to any WI-Fi network to transmit data to the cloud server. Also capable of bluetooth connectivity with any smart device for initial network setup

CLOUD BASED MONITORING

The AQSafe monitors sensor readings and checks the health of each unit from the easy to use cloud based software, SIMS2.

Setup of New Facilities and Networks

An intelligent air quality monitoring system must work efficiently with any facility size. As you may not be an air quality expert, you require an organized and easy to understand software solution. The AQSafe SIMS2 platform has you covered. Regardless of facility size, you are now able to organize every AQSafe within a network by subgroups, and rename them as you see fit.

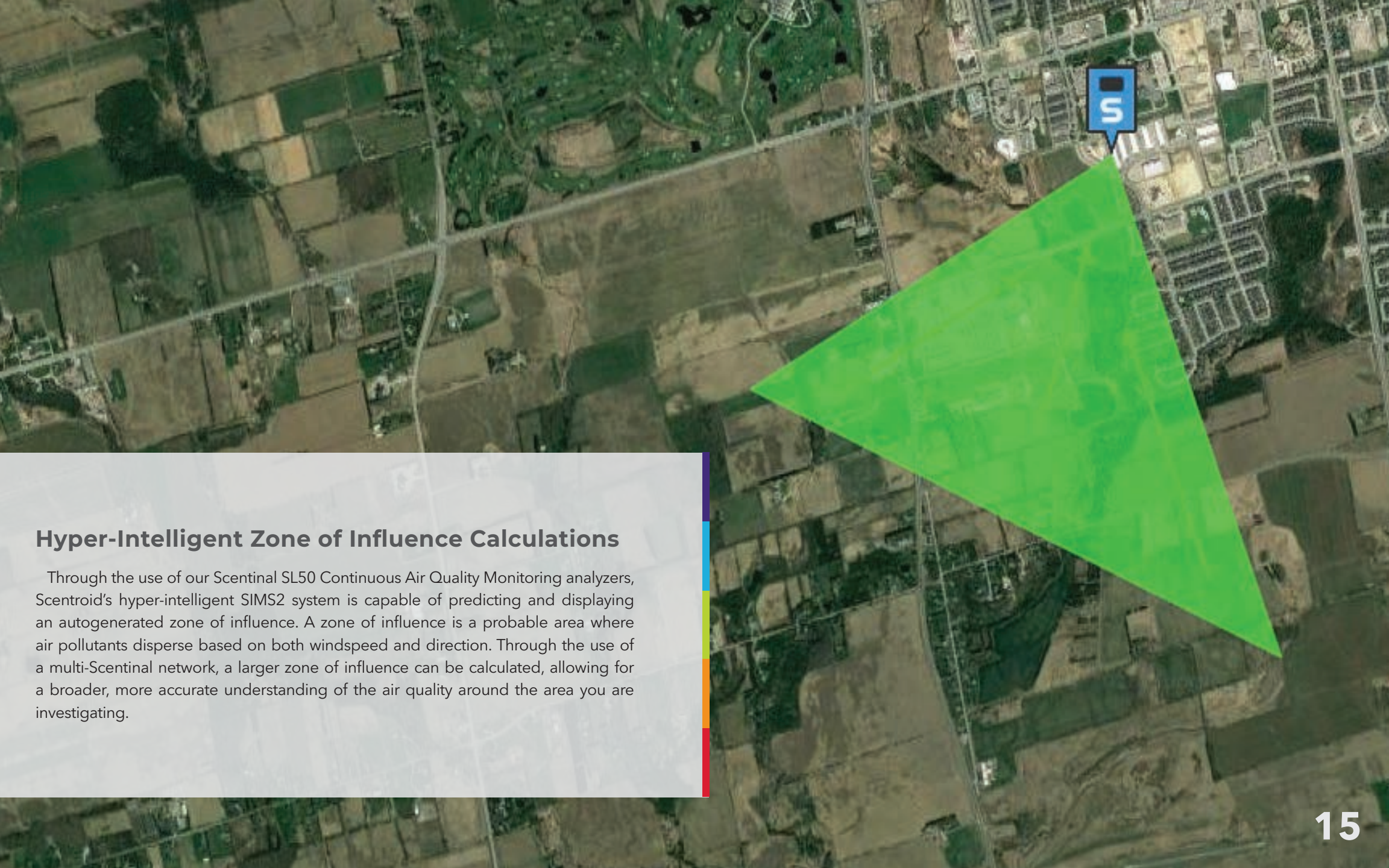
Recalling a previous AQSafe unit / group has never been easier! With a friendly user-intuitive naming system and built-in search functionality, finding any AQSafe within your network can be completed within a matter of seconds.

SL50

SCENTINAL

Scentinal is a continuous ambient pollutant and odour emission monitoring system which operates through high accuracy (ppb level) sensing technology. Scentinal can provide simultaneous monitoring of odorous and non-odorous gases such as Hydrogen Sulfide (H2S), Sulfur Dioxide (SO2), Ammonia (NH3), Methane (CH4), Carbon Dioxide (CO2), and many other Volatile Organic Compounds (VOCs).

Scentinal uses up to 20 sensing modules ranging from Photo-Ionization Detectors, Non-Dispersive Infrared Detectors, Electro-Chemical Cells, Laser Scattered counters and Metal Oxide sensors. The data collected from sampling is stored locally and is also transmitted to the cloud server, providing easy accessibility. The Sensor Information Management System (SIMS) is used to store and display the results from monitoring and sampling campaigns while also providing capabilities for remote configuration, calibration, and diagnosis of multiple Scentinal units.



Hyper-Intelligent Zone of Influence Calculations

Through the use of our Scentinal SL50 Continuous Air Quality Monitoring analyzers, Scentroid's hyper-intelligent SIMS2 system is capable of predicting and displaying an autogenerated zone of influence. A zone of influence is a probable area where air pollutants disperse based on both windspeed and direction. Through the use of a multi-Scentinal network, a larger zone of influence can be calculated, allowing for a broader, more accurate understanding of the air quality around the area you are investigating.

SIMS2: UPGRADE OPTIONS

SIMS2: commitment free structure

	Pro	Lite
Number of guest users per account	15	0
Secure data storage	Unlimited	Previous 2 Years
Graphing of multiple sensors per individual equipment	○	○
Equipment error notifications	○	○
Over-the-air firmware upgrades	○	○
Export of raw data to Excel	○	○
Setup of new facilities and networks (AQSafe only)	○	○
Email and SMS alarm system	○	✕
Zone of influence calculation (SL50 only)	○	✕
Radar plotting (SL50 only)	○	✕
Graphed sensor comparison mode	○	✕
Automatic event detection	○	✕
Automatic report generation	○	✕
API for external data retrieval and 3rd party integrations	○	✕

As a special thank you for being a Scentroid customer, our SIMS2 Pro service is **FREE** for 1 year from the date of initialization!

AFTER-SALES SUPPORT

Training

Training is the key of using any instrument, and Scentroid provides worldwide training programs for our clients and distributors. Training can be conducted by Scentroid or your local distributor. Scentroid training tools include: online training, videos, brochure, operation manual and on-site workshops. We also offer a hands-on training program using our high-tech simulation room. Scentroid's state of the art simulation room is located at our headquarters in Toronto, Canada. You are more than welcome to visit us and meet with the people behind these products

Warranty

We are so confident of the reliability of our products, that we are glad to offer our clients a comprehensive 24 month warranty for your equipment. Additionally, warranties can be extended for the 3rd, 4th and 5th year. For more information about our extended warranties, speak to us today.

Technical Support

We are responsible for any products that exit from our manufacturing warehouse! Our support team offers different ways to help you. Choose the one most convenient for you below!

Local Support

We have developed a vast growing network of distributors and repair facilities. To find your local support please check our distributors map.

Phone Support

Our highly professional customer services are here to serve you, for any technical issue reach them easily via phone: 416.479.0078 – Ext 210

SME Support

Connecting you to the Subject Matter Experts! Our customer support is unique in that you can talk directly to the designer or programmer of each product.

Live Chat

If you feel more convenient to solve your technical issue via chat, No problem! Reach our highly professional customer services through our website-hosted Live Chat.

Email Support

For any technical issue you our engineers are happy to assist via email. For fast and efficient support, simply email our team at support@scentroid.com

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