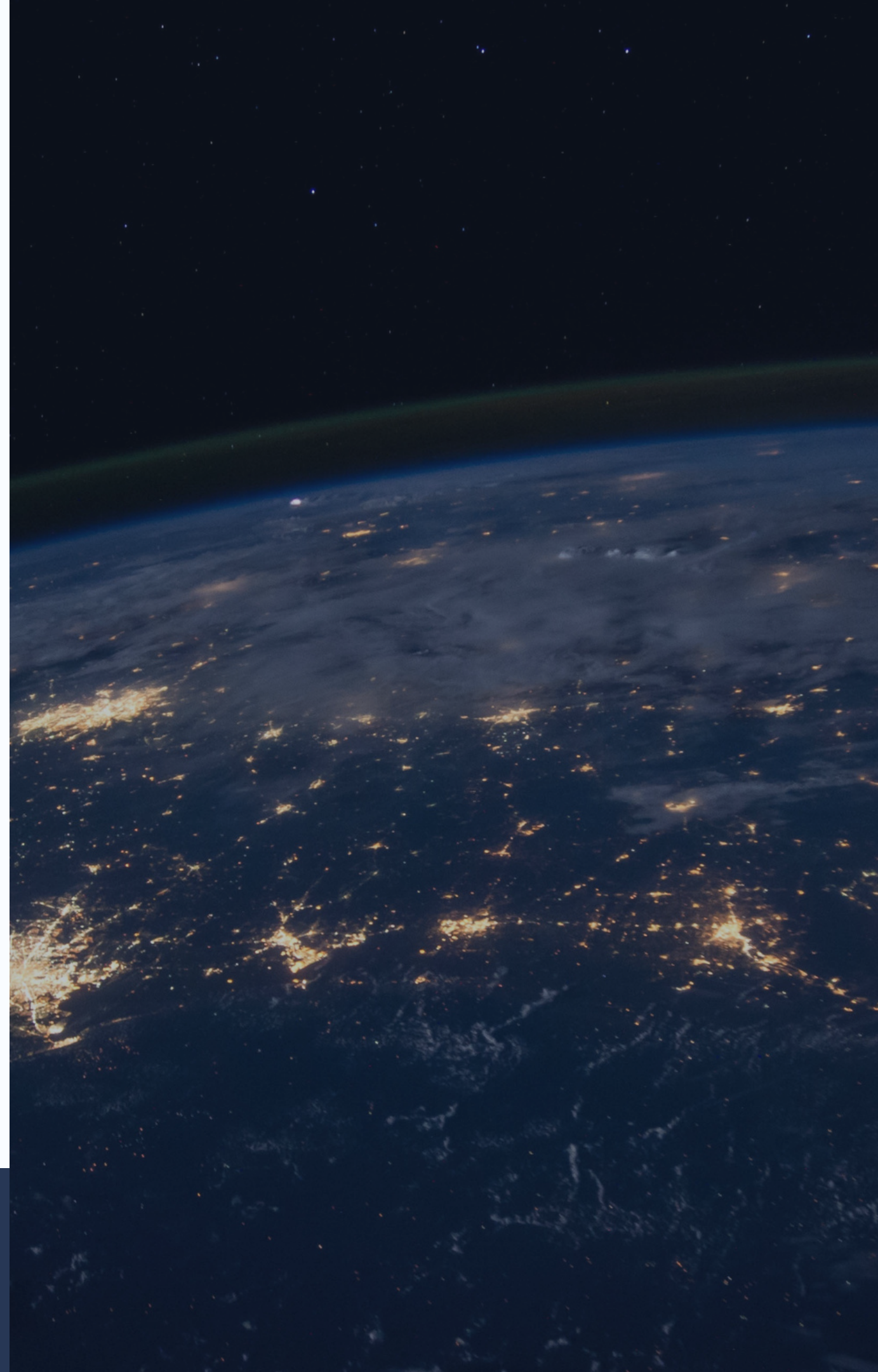


MAXI  TRACK

# GLOBAL REACH

*local knowledge*





# TECHNOLOGICAL SOLUTIONS IN TEMPERATURE AND RELATIVE AIR HUMIDITY MANAGEMENT

HARDWARE  
SOFTWARE  
TECHNICAL SERVICES



[maxitracksensors.com](http://maxitracksensors.com)

# APPLICATIONS

[maxitracksensors.com](http://maxitracksensors.com)



Refrigerated Transport



Processing



Storage and Environment Control

- **TECHNOLOGY: WIRELESS 900MHZ**
- **EASY INSTALLATION: ETHERNET / LOCAL AREA NETWORK**
- **SECURITY: EEPROM TYPE MEMORY**
- **ACCURACY: +/- 0.5 °C +/- 3.0 %RH**
- **ORIGIN: USA**



# I-DL ETHERNET / WEB CENTRALIZED MANAGEMENT SYSTEM

## APPLICATIONS

[maxitracksensors.com](http://maxitracksensors.com)

- Laboratory ovens and refrigerators
- Industrial Engines and Machinery
- Construction
- Data Centers / CPDs
- Climatized Environments
- Blood Banks
- Storage of Vaccines and Medicines
- Cold Chambers / Food (SND)
- Diagnostic Imaging Sectors
- Pharmacy and Warehouse
- Surgical Centers
- Clinical Analysis Laboratories and Air-conditioned Environments in General



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# I-DL ETHERNET / WEB CENTRALIZED MANAGEMENT SYSTEM

## TECHNICAL SPECIFICATIONS

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### Data Management System in a WEB environment

Management software runs via Browser: Internet Explorer, Fire Fox or Google Chrome. Storage of measurement recordings in the Cloud.

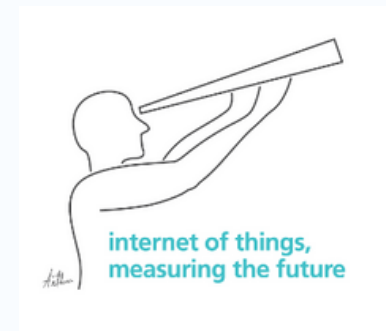
It does not require the use of servers or local computers. Reports in graphical and table format. Maximum capacity of sensors in a single system or receiver base: unlimited. Alarm resource via e-mail, SMS, Voice Messages (dialer function) or audible, with individual adjustments per sensor.

- Alarm Modes: MIN or MAX
- Automatic recording of measurement data with a minimum interval of 10 minutes (Premier Plan)
- Pause/record function for each sensor.
- Ethernet system with fixed IP or DHCP.

The Software has an online visualization feature of the measurement process.



Cloud Solution – Cloud Computing



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# I-DL ETHERNET / WEB - TECHNICAL SPECIFICATIONS

## Gateway Ethernet:

- DHCP system, with Ethernet input.
- EEPROM type memory function
- 36 cm long antenna
- Frequency: 900Mhz
- Dimensions: 139.85 x 101.75 x 34.95 mm
- Certifications: FCC, CE and IC
- Has SNMP protocol

## Wireless Sensors:

- Frequency: 900Mhz
  - Scale: -20 +60 °C | 0 ~ 100 %UR (see versions)
  - Accuracy: +/- 0.5 °C | +/- 3.0 %UR
  - Does not require VCA power.
  - Internal Lithium coin battery
  - Estimated range indoors: 150 meters
- Estimated range outdoors: 33 Kilometers



- Display of measurements in Real Time, updated in the navigation panel of the Monitoring Portal.
- Long-lasting transmitters, built in sintered plastic, with standard housings or with NEMA Industrial type seals. Origin: Kaysville, UT - USA
- Automatic saving directly to a remote server (in the cloud) with generation of tables with measurements collected at all points, identified by date and time. Recording and alarms at configurable intervals (see plans).
- The Supervision Software has an intuitive interface and can be used by common users, without the need for specialized personnel.

# I-DL ETHERNET / WEB - TECHNICAL SPECIFICATIONS

- Unlimited number of sensors, managed by name, area or any other type of internal numbering (user-defined TAGs).
- 'Energy Safe' power system: Even in the absence of electricity or Internet signal, the system offers features that guarantee the recording of measured variables for months.
- Local alarm: visual and audible (optional)
- .Wireless System - works linked to an Ethernet or GSM / 900 Mhz Gateway



# I-DL ETHERNET / WEB - SOFTWARE

## Supervisory Software, with Graphical interface and Numerical Table - Galileo Monitoring Portal:

- Runs on any operating system, accessible via the internet 24 hours a day x 7 days a week. It has numerous measurement analysis tools.
- “Open” type system, which allows modifications according to future customer demands (Customizable Functions)
- Secure access: 100% WEB / via internet and fully encrypted.

The image displays two overlapping screenshots of monitoring software. The top screenshot shows the 'GALILEO' login page with a 'Login to your account' form and a 'Don't have an account?' link. The bottom screenshot shows the 'MAXI TRACK' dashboard, which includes a table of gateway data, a detailed sensor readings chart for 'CRODA - PROD - 38463', and a list of sensor readings.

Type	Sensor Name	Data	Last Check In	Signal	Battery
✓	Humidity (R Envia Reg/Short Retected) - 61371	70.37% @ 22.4° C	11/30/2015 7:22 PM	📊	🔋
✓	Open / Closed - 51031	Closed	11/30/2015 8:21 PM	📊	🔋
✓	Temperatura - 53990	22° C	11/30/2015 8:49 PM	📊	🔋

Signal	Battery	Sensor Reading
88	19	22° C
88	19	22° C
88	22	22.1° C
88	22	22.2° C
88	22	22.3° C
86	22	22.3° C
89	19	22.3° C
89	22	22.4° C
89	22	22.5° C
88	22	22.6° C
88	22	22.7° C
88	19	22.8° C

**Novidade!**  
Programa para envio por e-mail, Relatórios Automáticos Semanais/Mensais

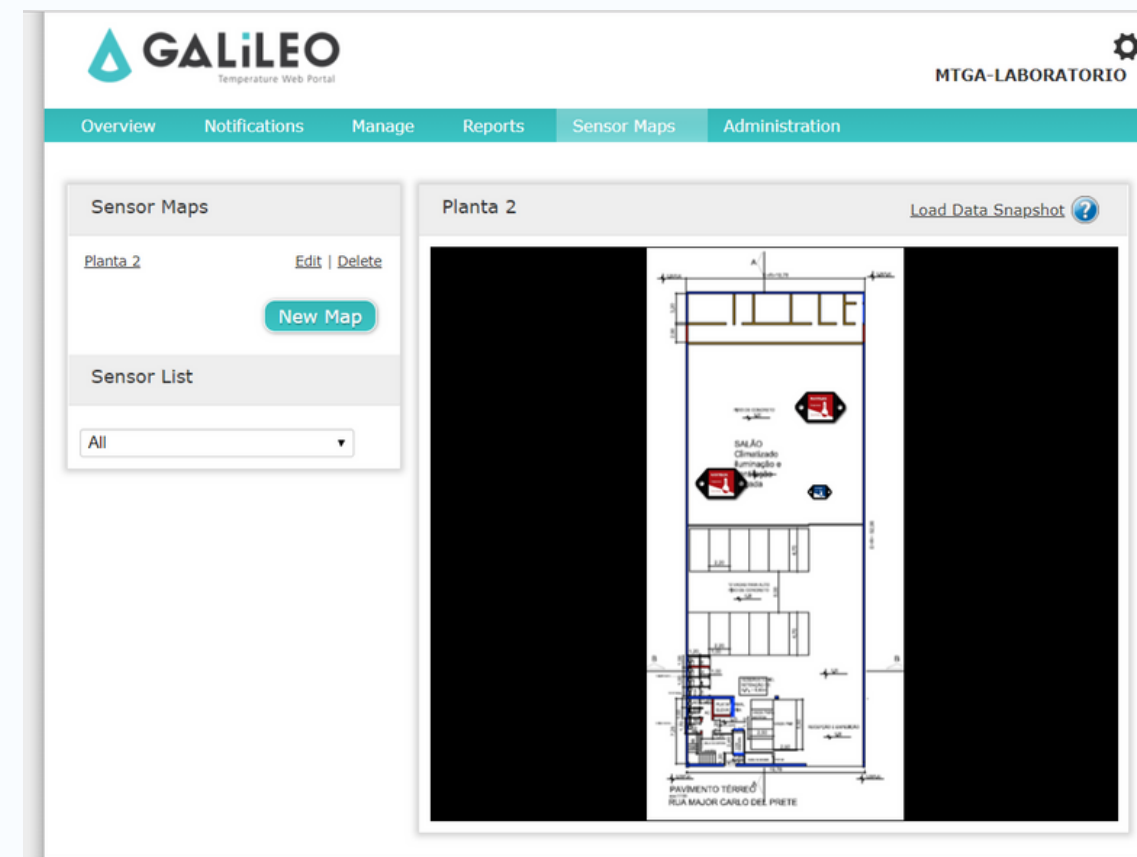


# I-DL ETHERNET / WEB CENTRALIZED MANAGEMENT SYSTEM

## PREMIER LICENSE / ACCESS PROFILE

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- Logins: unlimited (Admin / User)
- Report storage period: indefinite, linked to annual license renewal.
- Allows visualization of sensors "in layers" (per branch / within the same access)
- Access to the 'API' feature (data anchoring)
- Mapping: allows the insertion of drawings in a floor plan, facilitating the physical location of sensors



# I-DL ETHERNET / WEB CENTRALIZED MANAGEMENT SYSTEM

## APP

[maxitracksensors.com](http://maxitracksensors.com)

The Galileo Monitoring Portal user has the exclusive App that can be used on any type of Tablet or Smartphone.



**MAXI TRACK**  
maxitracksensors.com

# I-DL ETHERNET / WEB | TIME OUT

The screenshot displays the GALILEO Temperature Web Portal interface. At the top left is the GALILEO logo with the tagline "Temperature Web Portal". At the top right is the user name "MTGA-LABORATORIO" next to a gear icon. Below the header is a navigation bar with tabs for "Overview", "Notifications", "Manage", and "Reports". The "Notifications" tab is active. Below the navigation bar is a header for "New Notification for Humidity - 352595". Underneath are four notification class buttons: "Sensor Reading Notification" (with a line graph icon), "Battery Notification" (with a battery icon), "Inactivity Notification" (with a clock icon), and "Existing Notification" (with an arrow icon). Below these buttons is a grey box labeled "Select a Notification Class". At the bottom is a header for "Notifications assigned to Humidity - 352595" followed by a table with the following columns: Type, Notification Name, Last Sent, Sending To, and Notifying On.

This feature allows the user to identify an eventual power/power interruption or Internet connection

# I-DL ETHERNET / 900MHZ LINE



## Wireless Transmitter

of Temperature and Relative Humidity  
Scale: -20 +60 °C | 0 ~ 100 %UR



Gateway Ethernet ou GSM / RF



## Wireless Transmitter of Temperature

Scale: -40 +125 °C



## Wireless Transmitter

Temperature Range: -200 +162 °C



Quality ISO 9001  
Certified System



The sensors of the i-DL Ethernet/WEB system run on internal batteries, without the need for power (local outlets) for each measurement point.

The Monitoring Portal has intelligence for sending low load alerts.

# I-DL ETHERNET / WIFI LINE

Scale: -40 +72 °C or -20 +60 °C / 0 ~ 100 %RH (see versions)

Accuracy: +/- 0.2 °C / 3 %RH

Sending alarms by email / SMS

Memory: 50 recording points

Network: WiFi / DHCP

Dimensions: 76.7 x 53.3 x 32.2 (mm)

Weight: 106 g

Protection: IP-65

Battery: 2 X AA



Quality ISO 9001 Certified System



MAXI  TRACK

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# I-DL ETHERNET / ACCESSORIES



Signal repeater



Control Module,  
with 2 relay outputs (10 A)



Local Alarm Module,  
with signaling the sensor in state of  
alarm and audible alert



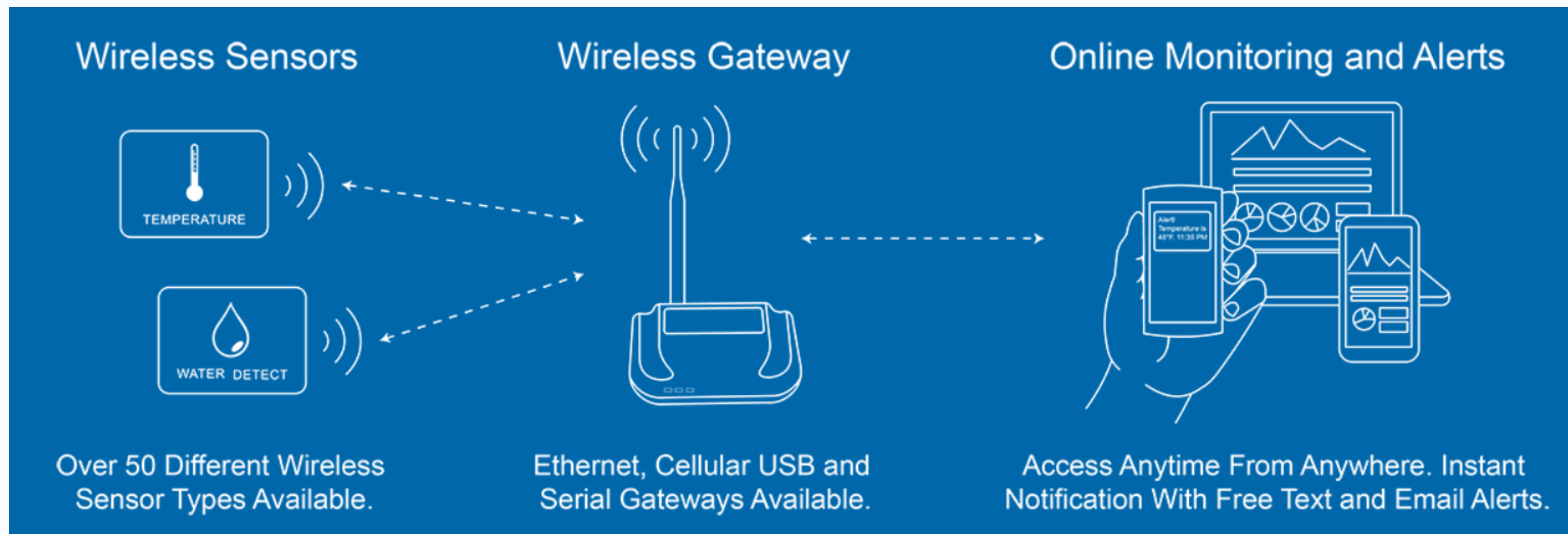
Quality ISO 9001  
Certified System



# I-DL ETHERNET / SCOPE OF OPERATION FUTURE INTEGRATIONS

## Standard system / 900 Mhz line:

Integration to other platforms via 'API' (data anchoring)





# I-DL ETHERNET / SENSORS AVAILABLE

## Types of Sensors / 900 Mhz line:



- **QUALIFICATION**
- **VALIDATION**
- **CALIBRATION**
- **21 CFR - PART 11 / ANVISA**



# WISE USB | SYSTEM REQUIREMENTS

## **Minimum Requirement – iDL Express-Pro™ (in the cloud):**

Browser IE, Firefox or Google Chrome – The client's network or server will not be used.

## **Power for i-DL Ethernet or GSMAlim Acquisition / Gateway Modules:**

100 ~ 240 Vac - It is recommended to supply these modules in low capacity UPS.

## **Triggering alarms by email / SMS :**

For the i-DL Ethernet system to network efficiently and trigger alarms, it is necessary that the entire system is connected and with the presence of a stable Internet signal, without disconnections or frequent interruptions.

## **Physical part:**

For the installation of Gateway Modules, the presence of an outlet and an available and configured network point is required.

## **Bandwidth / internet consumption, per sensor\*:**

2,009 MB/Month

\* Consumption estimate sized for 1 Gateway and 17 Sensors

# CUSTOMERS

[maxitracksensors.com](http://maxitracksensors.com)



# CUSTOMERS

maxitracksensors.com



# CONTACTS

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**Sales:**

[info@maxitracksensors.com](mailto:info@maxitracksensors.com)

[www.maxitracksensors.com](http://www.maxitracksensors.com)



**Technical Assistance and Support:**

[eng@maxitracksensors.com](mailto:eng@maxitracksensors.com)

