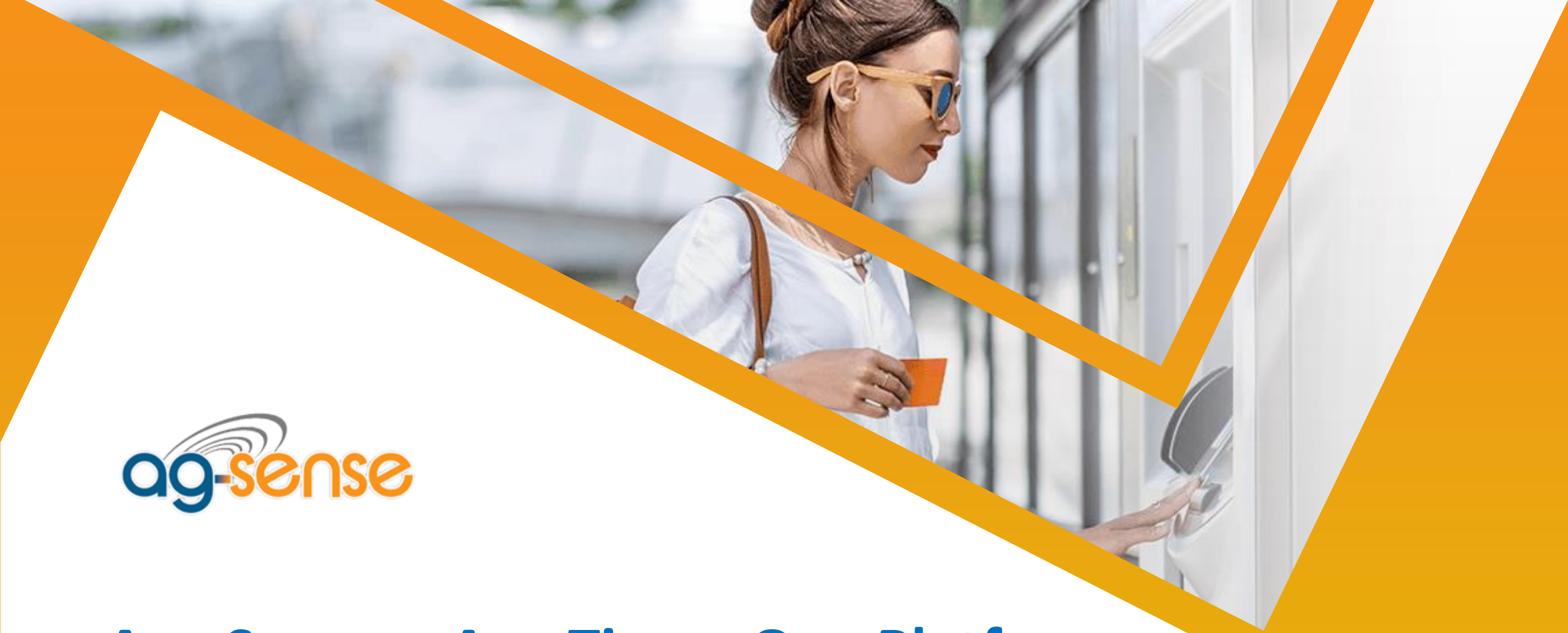

Any Sensor. Any Time. One Platform

Universal Sensor Connectivity

Sep 2025

Privileged & Confidential

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- Ag-Sense cloud platform
- Showcase - AGS-TH: Smart Wireless Temperature Control System
- What is next

AG-Sense Overview

- The company started operating in 2015 and based in northern Israel
- AG-Sense specializes in the optimization & analysis of collected Big Data.

  AG-Sense's automated system measures, collects, monitors and analyzes information from different sensors in different segments:

  1. AI-Powered Wireless Temperature & Humidity Control System - AGS-T/H
  2. IoT AGS-ATM Anti Skimming Security solutions
  3. IoT Security Solutions
- Backed by a US Investment Fund
- AGS-ATM solution controls 55% of the market share security segment in Israel

Connect Any Sensor.

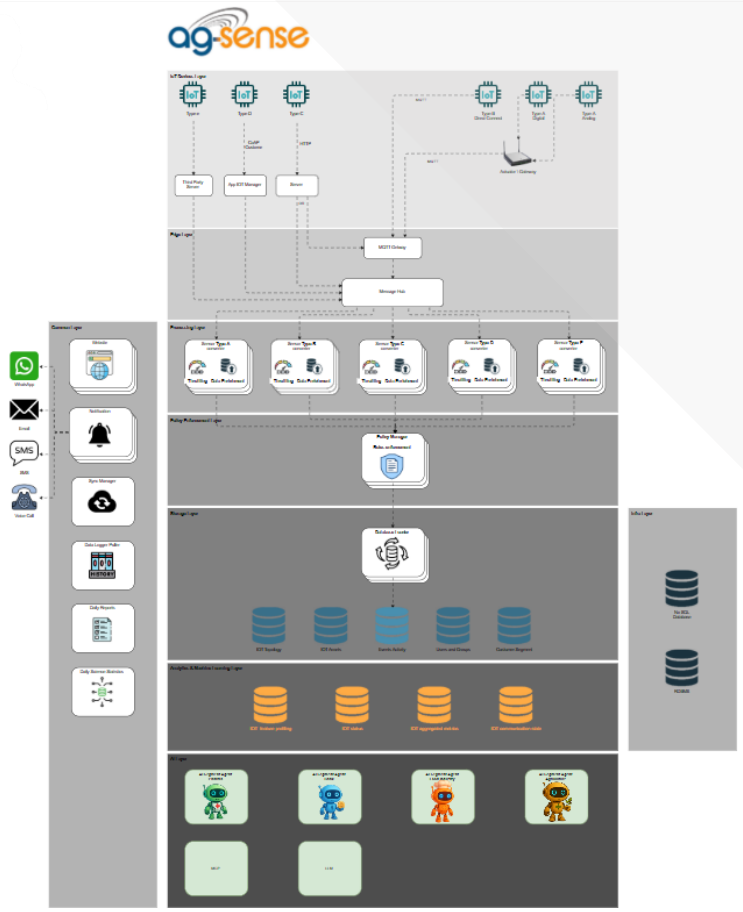
Monitor Everything. Instantly.

Ag-Sense is a smart, wireless IoT platform that connects any sensor in the world - automatically, in minutes.

🔗 Universal Sensor Compatibility plug & play with any sensor type
📡 Real-time data & alerts 24/7 accessible via mobile, desktop, or API
🧠 AI-powered analytics detects anomalies, sends instant alerts, generates reports
✅ Regulation-ready CE, FCC, RoHS, Israeli Ministry of Health
📈 Built for scale recurring revenue model with multi-sector adoption

One platform. Every sensor. Zero complexity.

Ag-Sense Platform Architecture



Sensor-to-Cloud Flow — Fast, Smart, Scalable

1. Sensor Input
Connect any sensor (*any* prototocol, any brand)

2. Data Collection
Gather real-time environmental data

3. Validation & Filtering
Clean and verify incoming data

4. Data Processing
Analyze via logic engines & rules

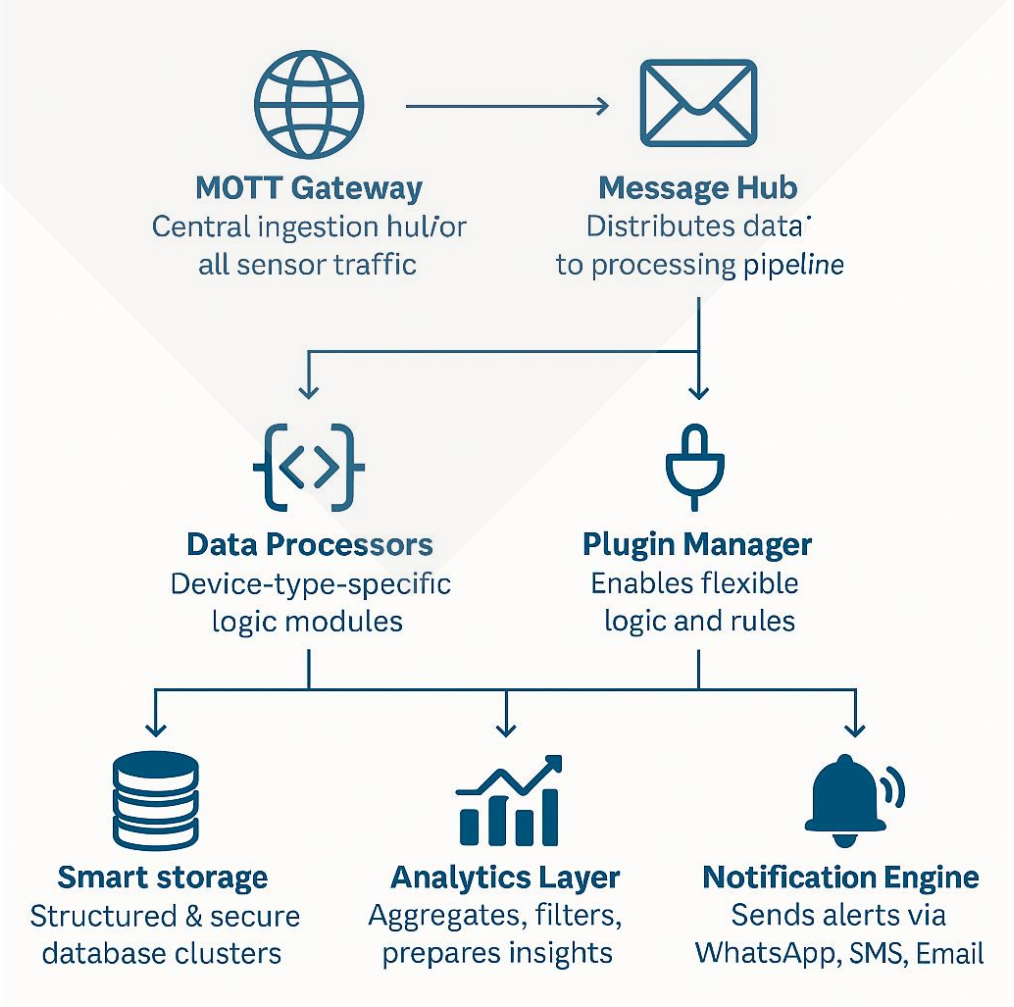
5. Smart Storage
Secure and structured storage

6. AI & ML Analysis
Detect trends, anomalies, predictions

7. Real-Time Alerts
Notify users via WhatsApp, Email, SMS

Connect. Analyze. Act. – All in Minutes

Ag-Sense Cloud Platform Architecture conn.

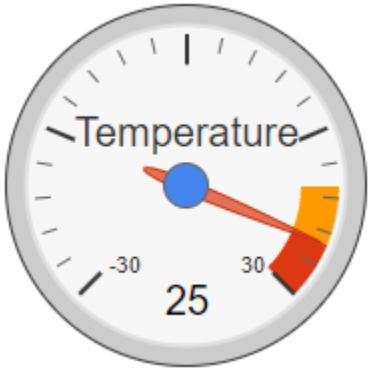


From sensor to smart action in no time

One Platform. Endless Applications

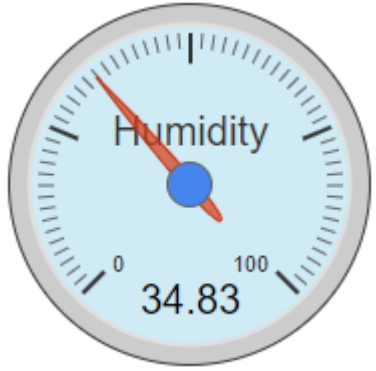
- Ag-Sense System is an innovative solution that combines several cutting-edge technologies
- Wireless solutions for Temperature & Humidity Monitor
- IoT AGS-ATM Anti Skimming Security solutions
- IoT Security Solutions

- AGS-ATM solution controls 55% of the market share security segment in Israel



AGS-TH

Wireless Temperature & Humidity Control System



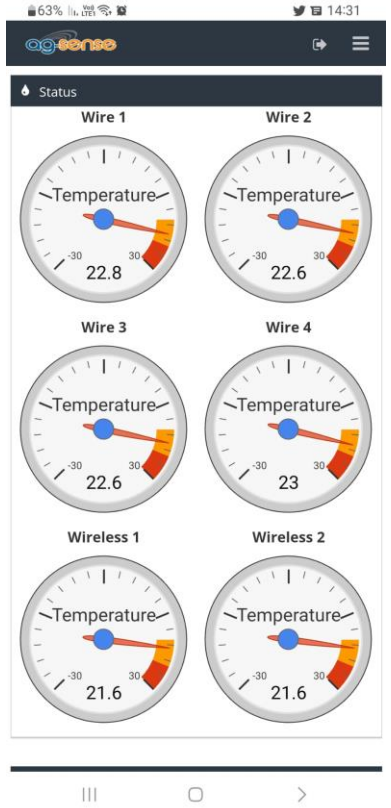
Wireless Temperature Control System

Perfect monitoring and control solution for wide use based on:

🧪 Labs | 🏪 Pharmacies | 🌾 Agriculture | 🧊 Freezers | 🚚 Logistics | 🏥 Clinics

and **Other** sites and rooms That are sensitive to temperature and humidity.

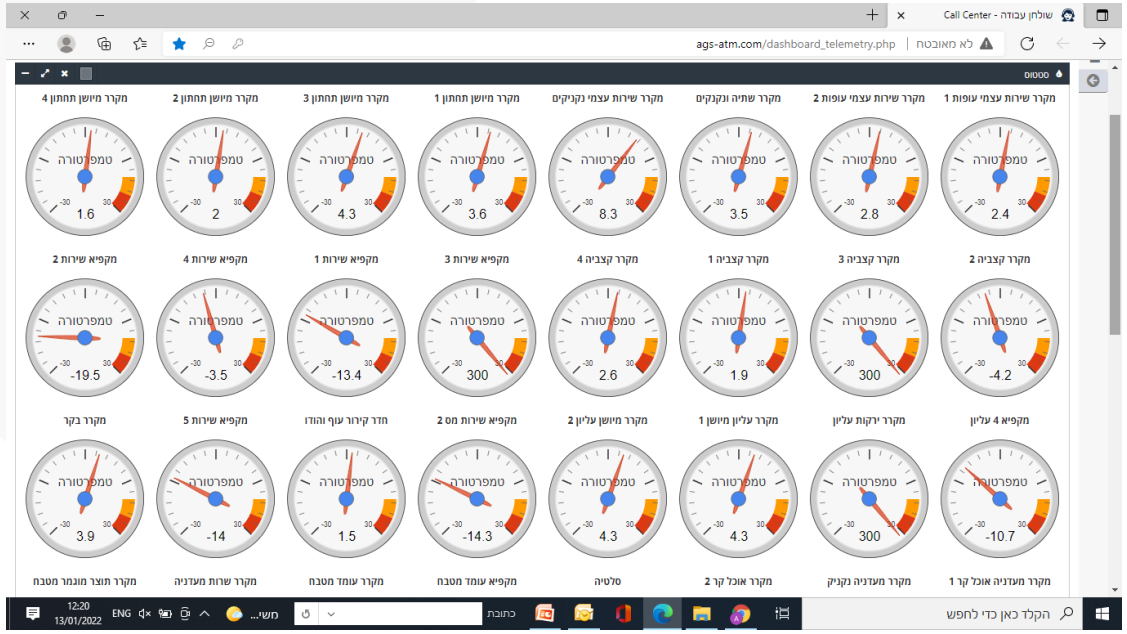
Carrying out transportation without monitoring can lead to damage to goods (food, medicine, agricultural produce, etc.) and a great economic loss.



Smart Wireless Temperature Control System

Robust. Wireless. Ready for scale - Ag-Sense provides temperature monitoring and control solutions in:

- **Pharmacies**
- **Refrigerated Rooms**
- **Refrigerators**
- **Freezers**
- **Production Lines**
- **Server Rooms**
- **Agriculture & Greenhouses**
- **Medicine Rooms**
- **Warehouses**
- **In Pharmacies and clinics that meet the requirements of the Ministry of Health**



Temperature Control System – Market Overview

• The global temperature monitoring system market is projected to grow from $2.19 billion in 2021 to $4.71 billion in 2028 at a CAGR of 11.5% in forecast period.

•North America is one of the major revenue-generating regions in the global temperature monitoring system.

Industry Vertical by End users:

- ✓ Pharma
- ✓ Automotive
- ✓ Oil & Gas
- ✓ Food & Beverages
- ✓ Healthcare
- ✓ Energy & Power
- ✓ Research & Others

Industry Vertical Application:

- ✓ Cold Storage Temperature Monitoring
- ✓ Green House Temperature Monitoring
- ✓ Server Room Temperature Monitoring
- ✓ Hospital Room and Patient Temperature Monitoring
- ✓ Home Care Temperature Monitoring
- ✓ Laboratory Temperature Monitoring
- ✓ Manufacturing Area Temperature Monitoring
- ✓ Others

Smart Wireless Temperature Control System

The AGS system have a unique & reliable monitoring wireless network with a central data collection and data sharing system provided by Ag-Sense. The data presented in a unique application available for Smartphone's, Laptops and Tablets and includes:

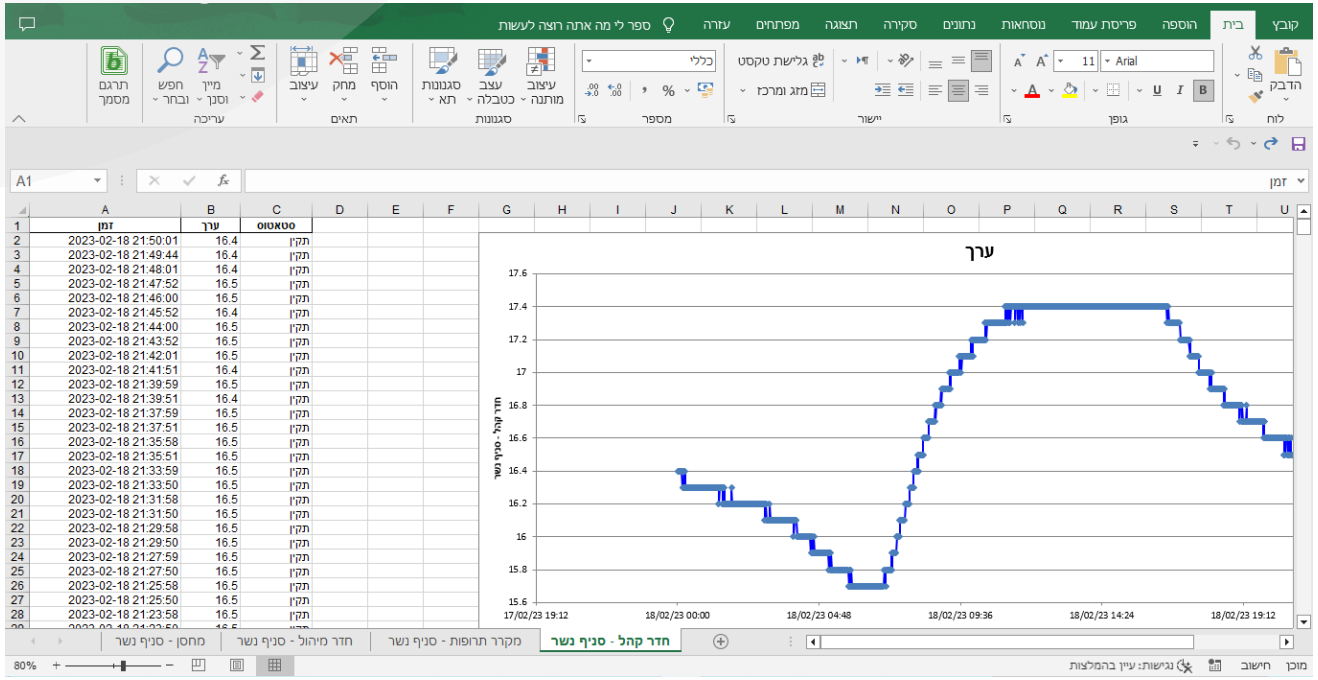
- ✓ Real-time platform 24/7 with the ability to view system data online
- ✓ Temperature / humidity monitoring
- ✓ Complete wireless system including sensors, Built in GPS for sensors location
- ✓ System's fault alerts in real time - Real-time warnings about temperature deviations
- ✓ Set the temperature sampling rate and transmit it to the cloud dynamically according to the customer's needs
- ✓ Temperature measuring range: -40 C to + 85 C
- ✓ Humidity measuring range: 0 to 100%
- ✓ Ability to generate reports at any given moment
- ✓ System can also sample water temperature in Containers or Tanks

Temperature Control System – Compliance & Standards

Fully certified for global use – including health & pharma environments

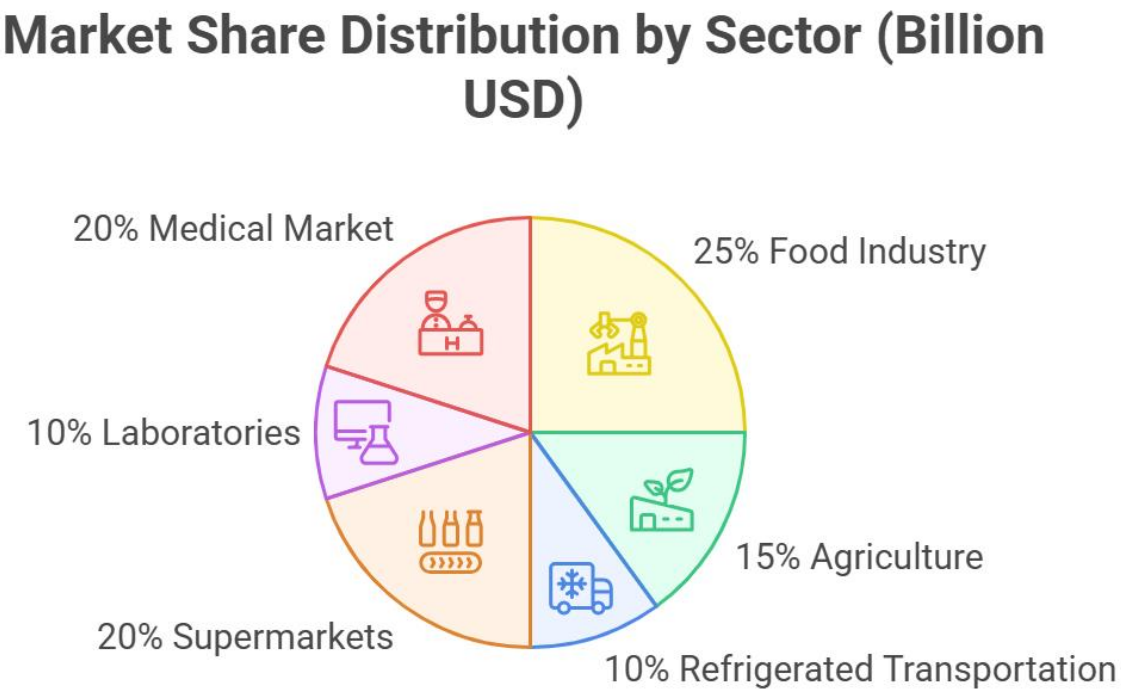
System Standards:

- Procedure 126 of the Israeli Ministry of Health
- CE (Europe): EN 300 328 / EN 301 489 & EN 55032 / EN 62368-1
- FCC (USA): FCC 15.247 / FCC PT 15B
- ISED / IC (Canada): RSS-247 / ICES-003
- RoHS certified



Temperature Control Systems - North America Market Overview

The market size for temperature control systems in North America is estimated to be around $20-30 billion, with the largest sectors being food, agriculture, and supermarkets.



Temperature Control Systems - North America Market Overview

Sector	Percentage of the market	Estimated Market Size (Billion USD)	Notes
Food Industry	25%	5-7.5	Includes food manufacturing plants, cold storage rooms, food storage, and transportation.
Agriculture	15%	3-4.5	Includes greenhouses, agricultural produce storage, irrigation systems, and climate control in poultry houses and dairy farms.
Refrigerated Transportation	10%	2-3	Includes refrigerated trucks, refrigerated trains, and refrigerated containers used for transporting temperature-sensitive products.
Supermarkets	20%	4-6	Includes refrigeration and display systems for food products, temperature control systems in storage areas, and preparation zones.
Laboratories	10%	2-3	Includes research laboratories, medical laboratories, and industrial laboratories requiring precise temperature control.
Medical Market	20%	4-6	Includes laboratories, hospitals, educational institutions, and pharmacies.

Key Sectors & Market Leaders in North America

Sector	Leading Companies	Key Offerings
HVAC & Climate Control	Carrier, Trane, Daikin, Lennox, Johnson Controls	Air conditioning, heating, smart climate control
Cold Storage & Refrigeration	Thermo King, Emerson, Danfoss, Hussmann, Hillphoenix	Industrial refrigeration, cold chain logistics
Pharmaceutical & Medical	Pfizer (Cold Chain Solutions), Stirling Ultracold, Helmer Scientific	Temperature-sensitive storage, medical freezers
Food & Beverage	Copeland, True Manufacturing, Manitowoc, Norlake	Refrigerated storage, temperature-controlled equipment
Data Centers & IT Cooling	Vertiv, Schneider Electric, Stulz, Rittal, Airedale	Precision cooling, liquid cooling, airflow management
Industrial & Manufacturing	Watlow, Chromalox, Omega Engineering, BriskHeat	Process heating, thermal management solutions

Wireless IoT Monitoring Platform with Scalable Recurring Business Model

Active Customers
400+
Across Israel, USA, LATAM & Asia

Gross Margin
38%
Strong operational prorfiitability

ATM Market Share
45%
Leader in Israeli ATM security sector

POC Pilots
3 Regions
USA, LATAM, and Asia
(first global steps)

Global Market Potential

Estimated to be around $40-50 billion.

Business Model

- System installation fees 400+
- Monthly/ annual service fees
- Automatic service agreements that renew annually
- POC Pilots 3 Regions

Increasing recurring revenue through service contracts

Growth and Investment Opportunity – Guarantee fast ROI on the investment here!

Management Team

Alon Ben Zvi, *Co-founder and Co-CEO*

Mr. Ben Zvi, with over 25 years of international business experience is Co-Founder and Co-CEO of AG-Sense. He serves as the CTO and oversees the daily management of the company. He has extensive experience in project management and systems development with a broad vision of identifying new projects and adapting them to customer needs. Part of Alon's expertise is in IoT, a field that transfers and gathers information between sensors and a network of computers. Prior to founding AG-Sense, he was Vice President, Project Management at OTI and NFC Manager at the company.

Gil Aizner, *Co-founder and Co-CEO*

Mr. Aizner, with more than 24 years of extensive experience in international sales and marketing, is Co-founder and Co-CEO of AG-Sense. Gil is responsible for the company's business development, sales and marketing. He has expert knowledge in the fields of irrigation and agriculture, pharma and M2M in Israel, EU and Africa working for leading Israeli in companies prior to founding AG-Sense.

Capital Needs

Marketing

R&D

Title	Amount
Marketing Materials/Promotions	$15,000
Office Lease (for first year)	$10,000
Utilities	$50,000
Inventory/Packaging Setup	$25,000
On Site Operation	$500,000
Internet Sales Global Operation	$300,000
International transport	$100,000
TOTAL Financing	**$1,000,000**

Thank You.

AG-SENSE

KNOWLEDGE MAKES SENSE

PROTECT & MONITOR YOUR ASSETS 24/7

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