

Smell the Future

Investor Presentation

Ainos | NASDAQ: AIMD | Ai Nose | Smell AI

AINOS, INC.

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The Mega Opportunity: The Missing Sense in AI



TEXT

Digitized (LLMs)



VISION

Digitized
(Computer Vision)



AUDIO

Digitized
(Voice Recognition)



SMELL

The Missing Data Layer

THE GAP:

Current AI tokens are blind to olfactory data.

THE OPPORTUNITY:

Teaching AI how to smell, convert smell into data.

THE SOLUTION:

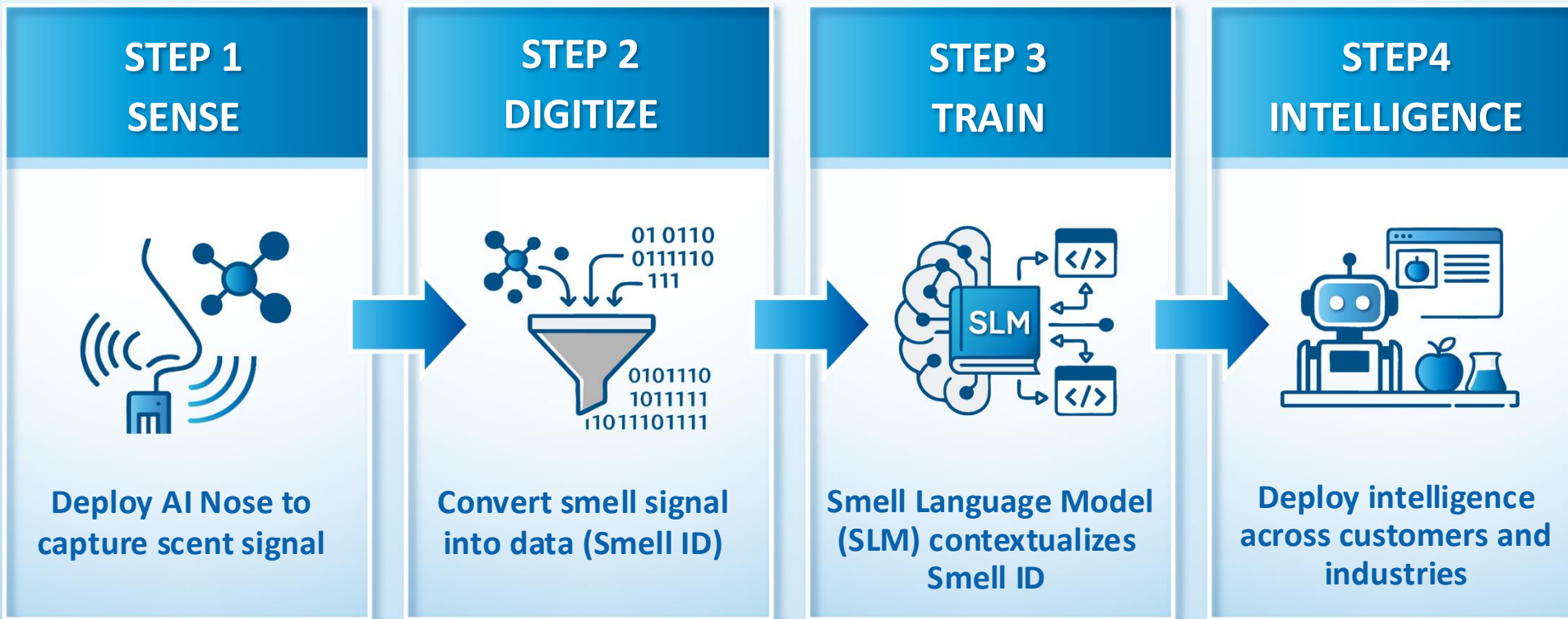
AI Nose, by Ainos, digitizes smell into Smell ID.

AI Nose: From Smell to Scalable Intelligence

AI Nose enables AI to smell – and turns it to a new native language of AI.

Delivered as SmellTech-as-a-Service: hardware + AI, building deployment-driven recurring revenue

SMELLTECH AS A SERVICE: AI NOSE TURNS SMELL INTO INTELLIGENCE

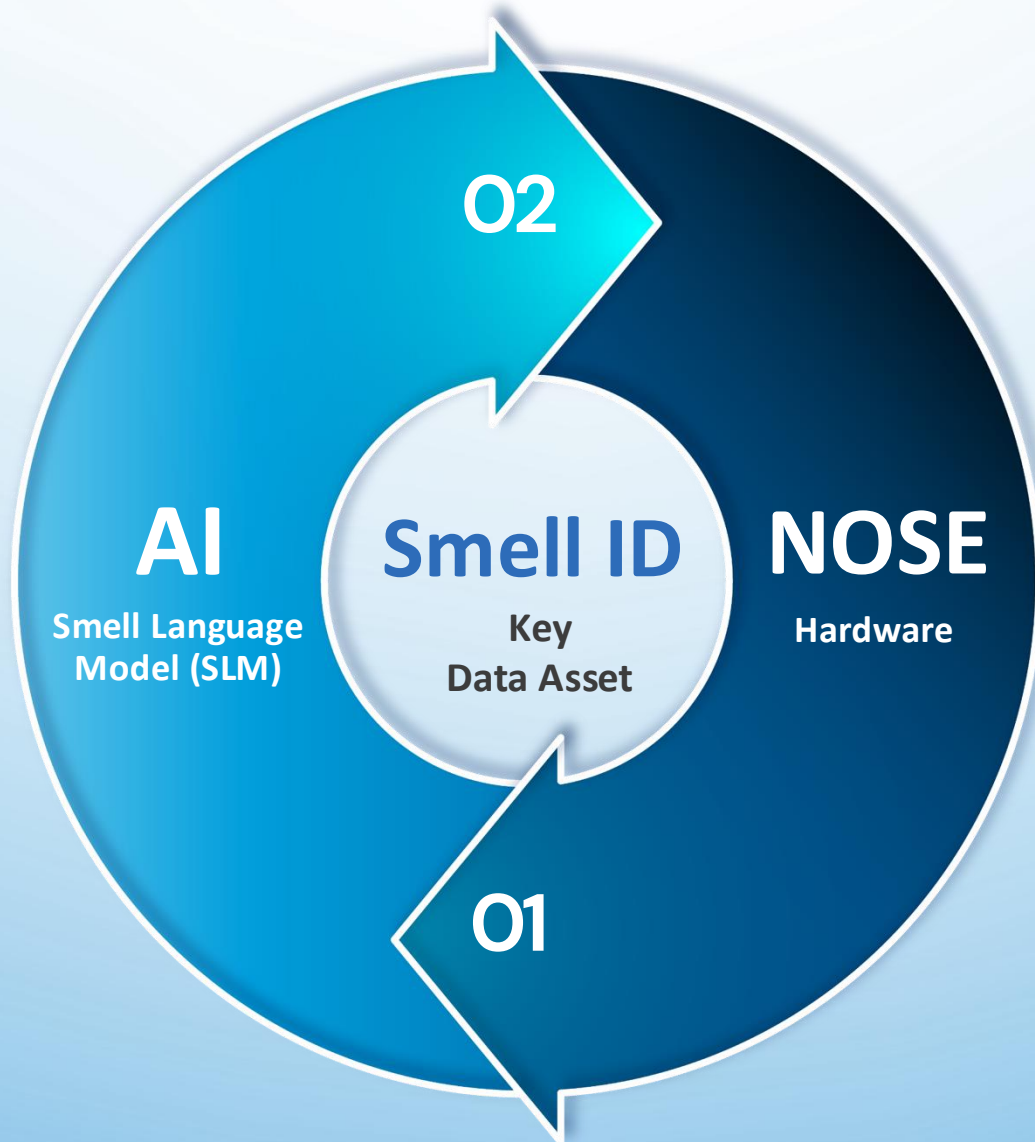


SmellTech-as-a Service Data Flywheel

Data compounds -> Advantage scales -> Recurring revenue grows with deployment

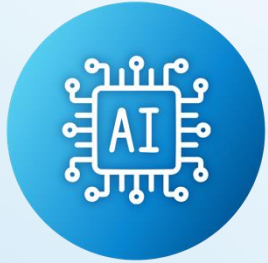


More Smell ID -> Smarter SLM



More Deployments -> More Smell ID

AI Nose System



AI High-Precision Scent Detection

Detects trace odors at ppb-level sensitivity with fast and stable real-time response.



AI Smell Language Model

Using deep learning and a scent database, scent data is transformed into Smell ID to enable precise scent recognition.



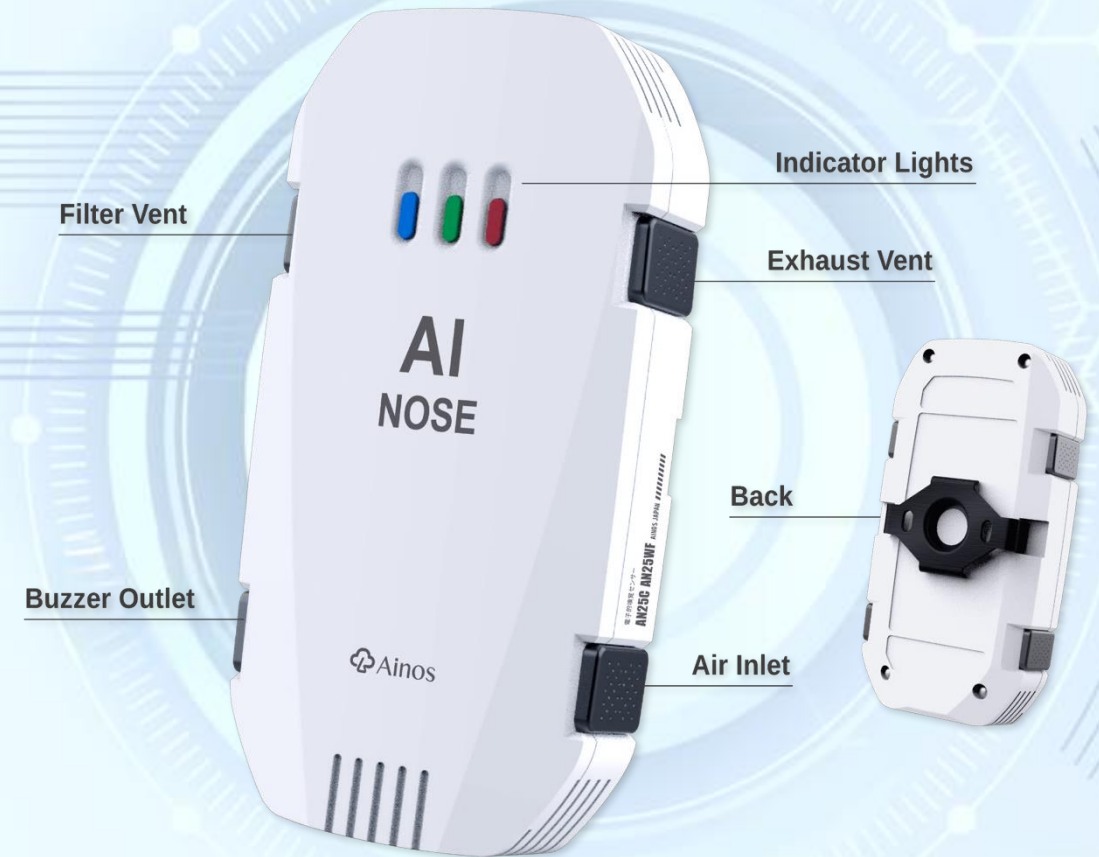
Multi-Sensor Fusion & Intelligent Analysis

Simultaneous monitoring of multiple gases enables abnormal scent detection with real-time alerts and risk warnings.



Cloud Management & Remote Monitoring

Cloud-based visualization enables multi-site remote management.



AI Nose Platform

Born in Healthcare. Scaling Across Industries

Smell ID

AI Nose Technology Platform

Smart Manufacturing

National Defense & Public Safety

Medical Diagnosis

Elderly Care Monitoring

Food Safety

Environmental Safety





Our First Industrial Target: Smart Manufacturing

1. Small contamination, big yield impact. Smell catches problems early
2. 24/7 monitoring cuts downtime, improves efficiency
3. Scaled deployments build Smell ID data moat -> improve SLM -> customer stickiness

Partnership

Multi-Phase Deployment Roadmap for Smart Semiconductor Factories

- Secured: 1,400 AI Nose (\$2.1M, 3 yrs)
- Roadmap: up to est. 20,000 AI Nose ¹



ASE
x
Ainos

Harnessing the Power of
AI Scent Digitization for Smart Factories



**Real-Time
Odor Monitoring**



**Predictive
Maintenance**



**Improved
Worker Safety**



**Optimizes
Production Lines**

Partnership



Driving AI-Powered Scent Intelligence
Across Industries

- TSC brings customer access, global network
- First target: front-end chip manufacturing

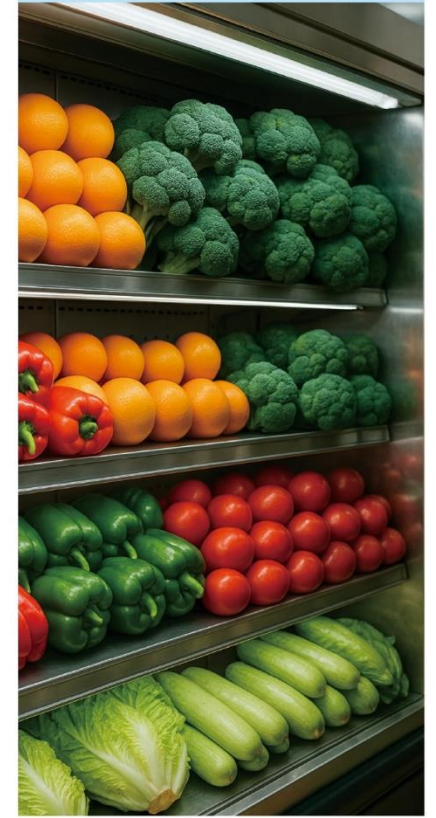
Odor Detection &
Abnormal Alarm



Wastewater
Treatment Plant
Environmental
Monitoring



Fresh Produce &
Food Freshness
Management



Partnership



Expand AI Nose into
Semiconductor Manufacturing

- Trsuval brings access into fab infrastructure
- First target: front-end chip manufacturing
- Minimum commitment: 600 AI Nose

Auxiliary monitoring of toxic and irritant gas incidents



Early detection of potential abnormal odors



Odor trend monitoring in high-risk areas

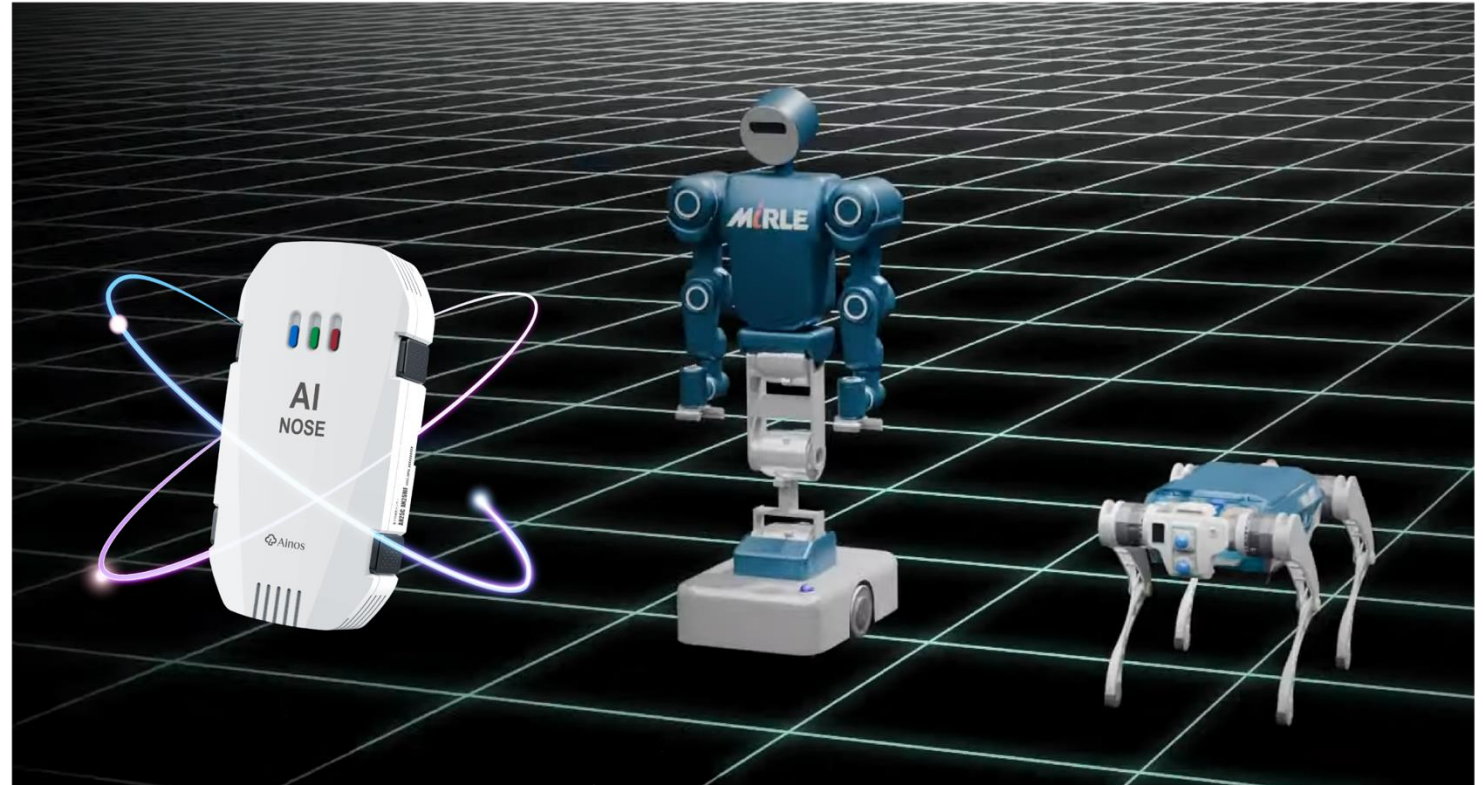


Partnership

 Ainos × **MIRLE**

Empowering robots and robotic dogs with the sense of smell

- Mirle brings a growing robot pipeline
- First target: smart factories



**Semiconductor
Fab Gas Anomaly
Inspection**



**Smart Manufacturing
Safety Monitoring**



**Hazardous
Environment
Monitoring**



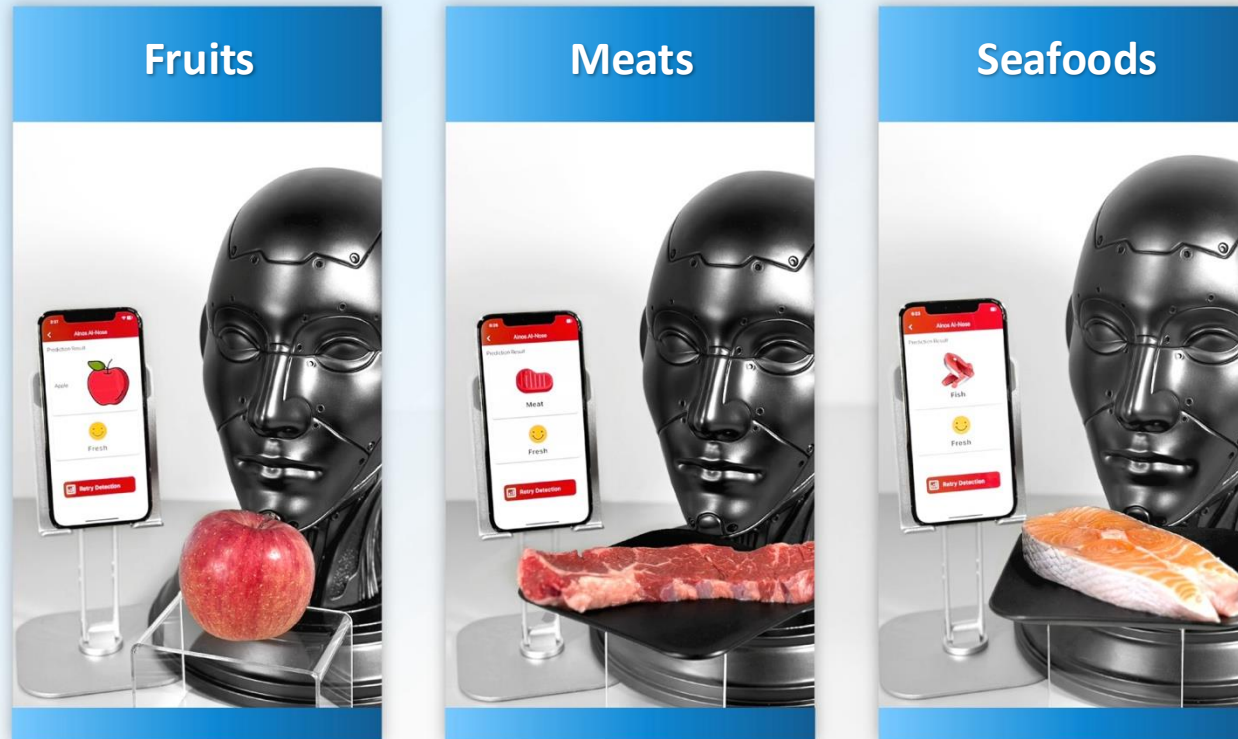
**Community &
Border Security
Patrols**

Expansion Opportunity

AI Scent Intelligence for Food Safety

AI-powered scent analysis detects food quality changes and spoilage risk in real time

Test Result :
Fresh / Rotten



Healthcare Origins Foundation of AI Nose

Ainos Flora

Women's health monitoring & STI testing



Non-invasive testing

in just minutes



Telehealth friendly

Transforming Care with Digital Access



Affordable

Multi-use lowers cost



376M

estimated new infections every year with 1 of 4 STIs



Professional Use

Home Use

Ainos Pen

Telehealth breath analyzer



CHS430

ICU Pneumonia Detection in Minutes



AI Nose for Elderly Care

Empowering care with dignity and respect



Co-Development Program

Ainos x Leading Japanese companies

Ainos designs an AI-driven, scent-based, telehealth friendly system for better monitoring of elderly care.



AI for Smarter Elderly Care in Nursing Homes

Investment Summary

- **Secular mega theme:** Smell becoming **new AI infrastructure data**
- **First mover:** Defining the “Smell Data” category for AI
- **Recurring revenue:** SmellTech-as-a Service
- **2026 kicks off commercial inflection:**
 - ✓ Paying tier-1 back-end semiconductor customer
- **Growing ecosystem:**
 - ✓ Front-end semiconductor validation -> 200 AI Nose
 - ✓ Ecosystem partner commitment -> 600 AI Nose
 - ✓ Developments in robots, healthcare and consumers





Ainos

SMELL THE FUTURE

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