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# IoT SYSTEMS

HARDWARE & SOFTWARE

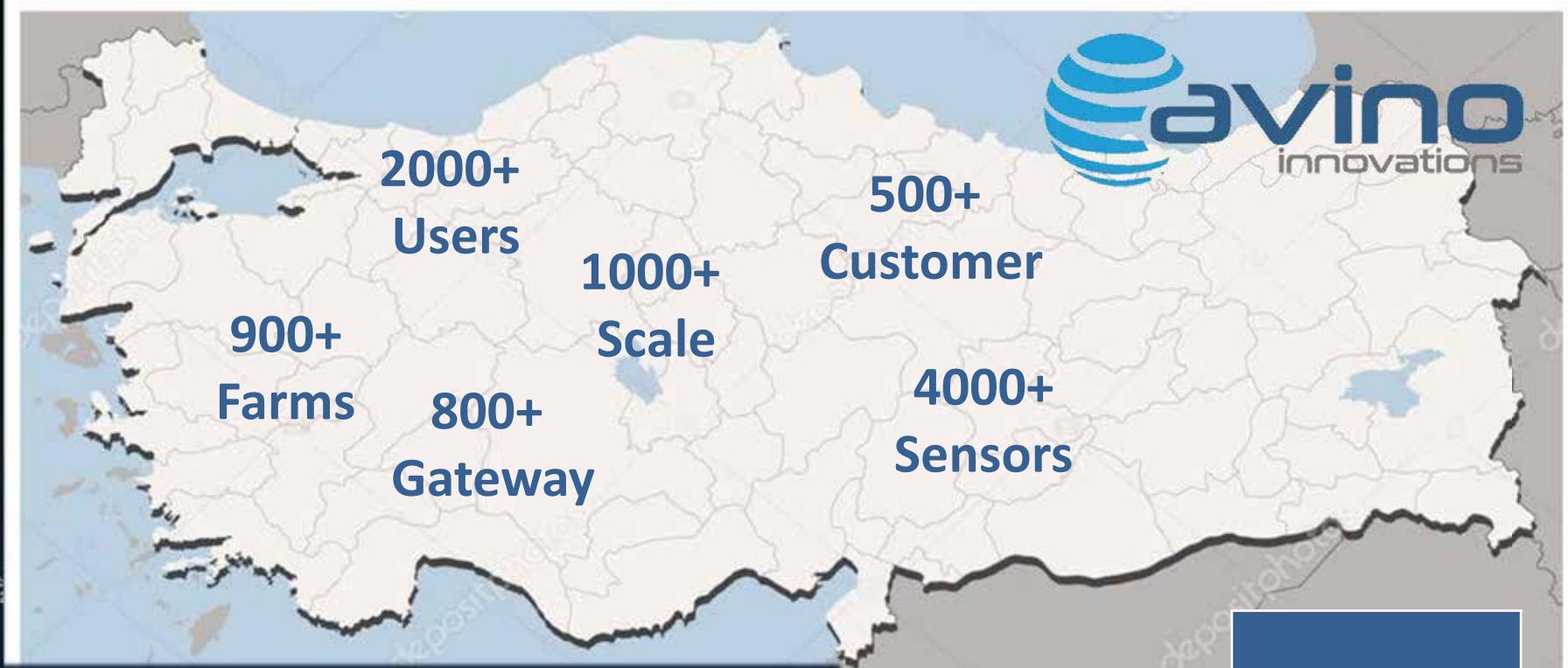
**Our R&D journey has started with a client's inquiry in 2014.**

**In 2017** we have started to develop

***‘Management and Tracking’***

systems for farms & integrations.





Our devices are at farms more than **8 years** as of now.

Avino Poultry Datatracer Systems are now operational more than **2000+ houses**.





## Datatracer Poultry Tracking System

users have reported significantly;

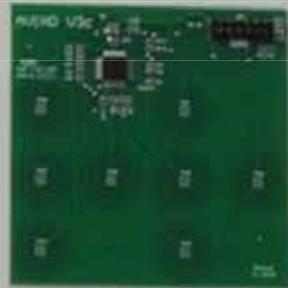
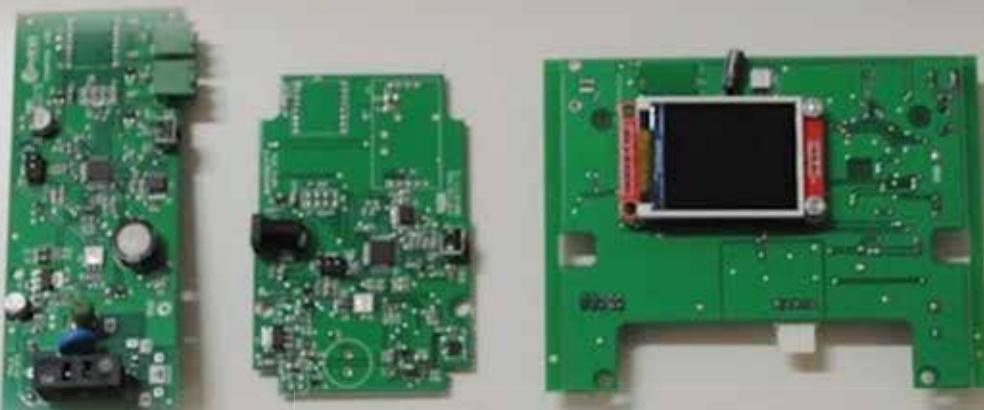
- **Productivity increased +30 EPEF**
- **Cycle income increased +15%**
- **Profitability increased +30%**
- **More than million animals were saved from death.**
- **Energy costs decreased**



**ALL DEVICES** are developed  
at our own **R&D**,  
designed and manufactured  
**by AVINO 100%.**



Step  
by  
step



# Plug and Run

Tak Çalıştır

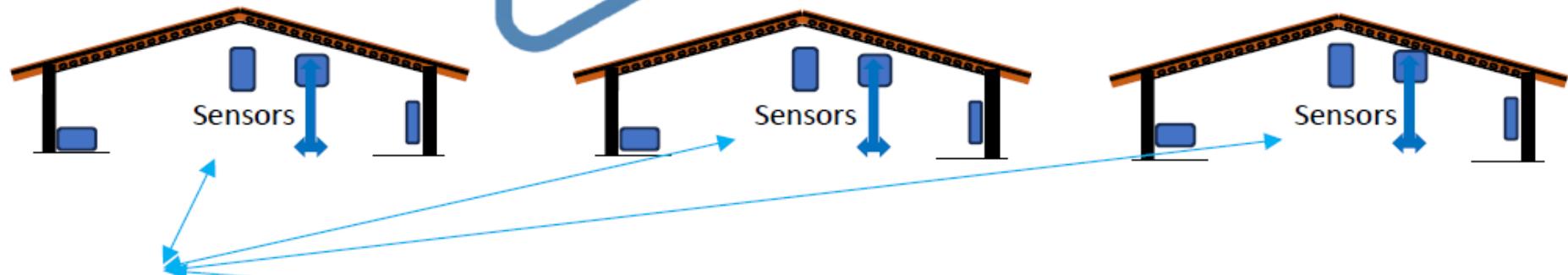




WIRE-LESS



RF TECH 868 MHz



Main device

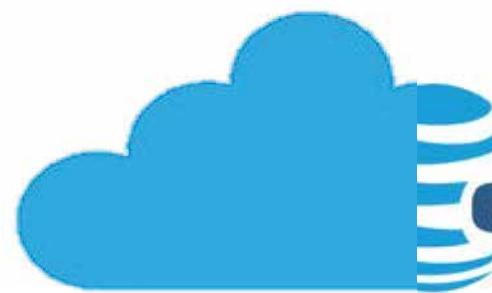
RF distance outdoor **400 m**

indoor **150 m**

2G / 4.5G LTE

CLOUD

& WiFi



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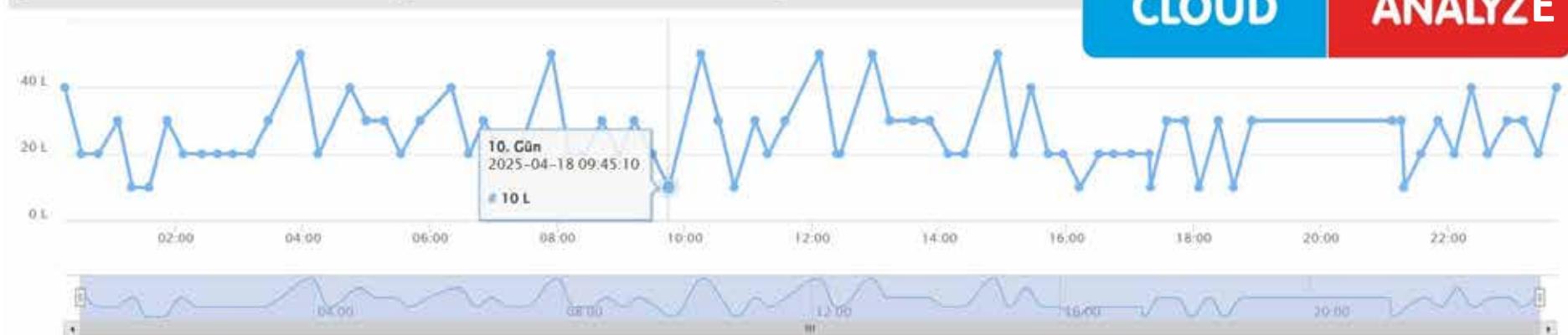
MEASURE RECORD  
CLOUD ANALYZE





K3 Su

Kümes Tanımı	Kümes 3	Kayıt Zamani	18-04-2025
Çiftlik Tanımı	Yıldız Kardeşler Besicilik	Veri Gösterimi	<input checked="" type="radio"/> Zamansal <input type="radio"/> Sınıflandırma
Dönem Tanımı	4 Dönem:	<input type="button" value="Filtre Yükle"/>	
Toplam Kayıt 77 Adet			<input type="button" value="Toplam Tüketim 1.990 L"/>





# **ELECTRICITY FAILURE**

## ***SAVE - FOLLOW - NOTIFY***

Ayazköy 3

Kümes Tanımı	Ayazköy
Çiftlik Tanımı	Ayazköy
Dönem Tanımı	Ayazköy Nisan 25

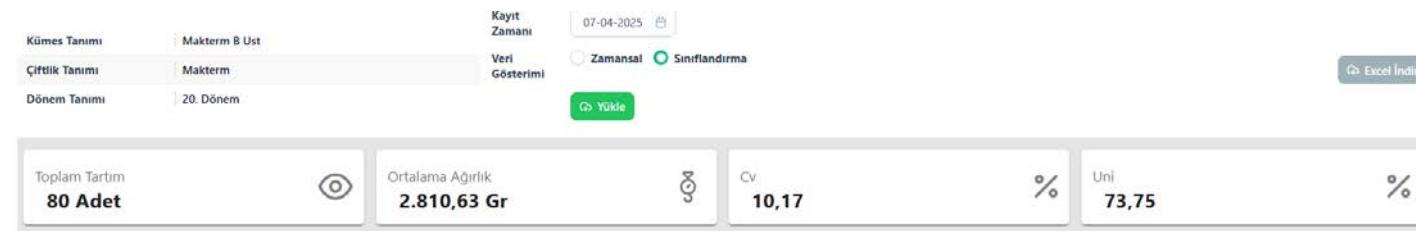
Kayıt Zamani: 14-04-2025

WPS

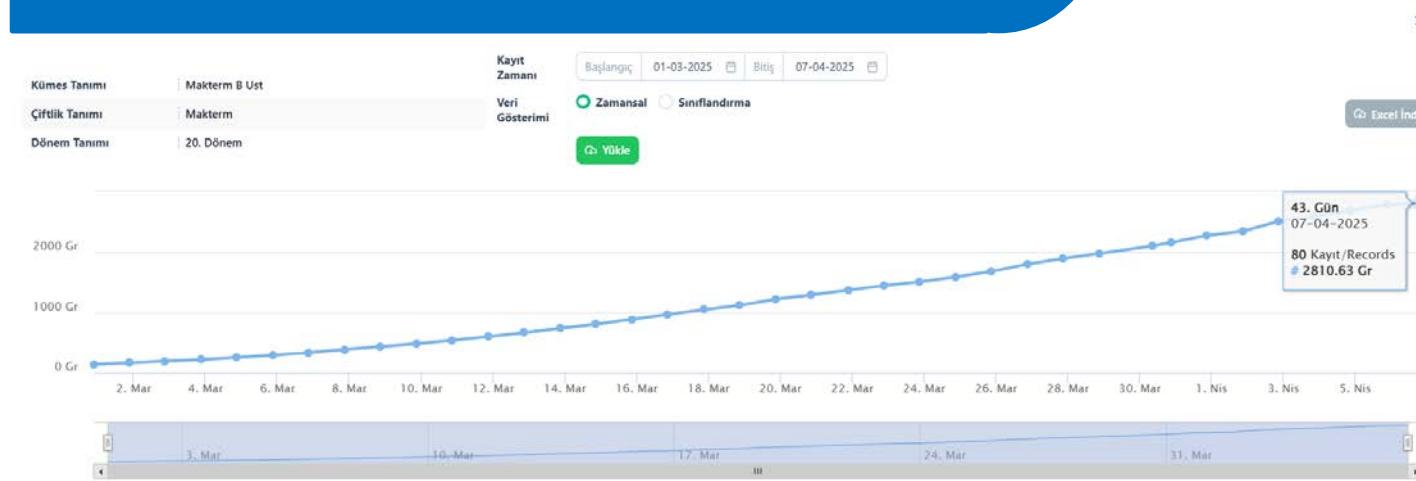
© Google Inc.



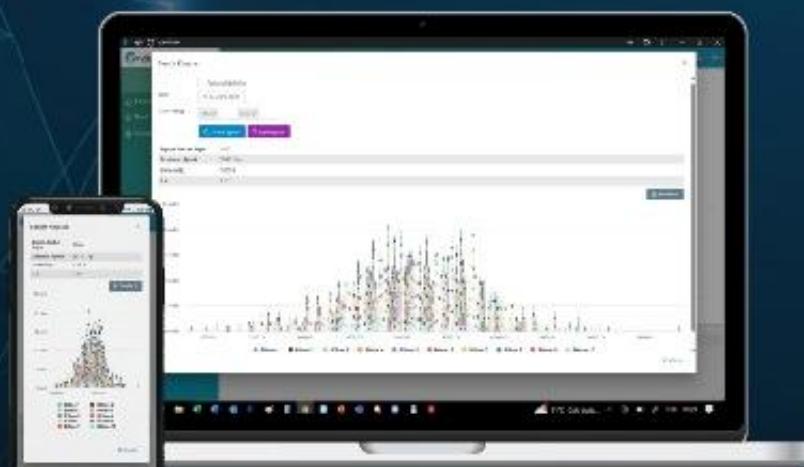
X Report



## WEIGHING SYSTEMS DATATRACER SC-10 PLATFORM SCALE



# IMPROVE YOUR BUSINESS



 **scale  
tracer** WEIGHT SYSTEM

Cloud Support  
Wifi Scale  
C.V. & Uniformity  
Grading

**SS**

**S**

**M**

**L**



## Sensör Kayıtları

Toplam Tartım  
Sayısı: 1401

Ortalama Ağırlık: 291.05 gr

Uniformity: % 67.38

C.V.: 11.59

D: Excel'e Aktar

200 Adet:

150 Adet:

100 Adet:

50 Adet:

0 Adet:

200 Gr 300 Gr 400 Gr

SS Seçilme ● SS Seçilme

X Kapat

# scale tracer

## Grading

SS

S

M

L



## Sensör Kayıtları

Toplam Tartım  
Sayısı: 1229

Ortalama Ağırlık: 370.09 gr

Uniformity: % 77.54

C.V.: 8.43

D: Excel'e Aktar

200 Adet:

150 Adet:

100 Adet:

50 Adet:

0 Adet:

400 Gr 500 Gr

S Seçilme ● S Seçilme

X Kapat

III O &lt; &gt; X

III O &lt; &gt; X

# data tracer



# IoT SYSTEMS

HARDWARE & SOFTWARE

Integrated Tracing System

Our software  
team are  
working hard  
on  
developing  
our systems



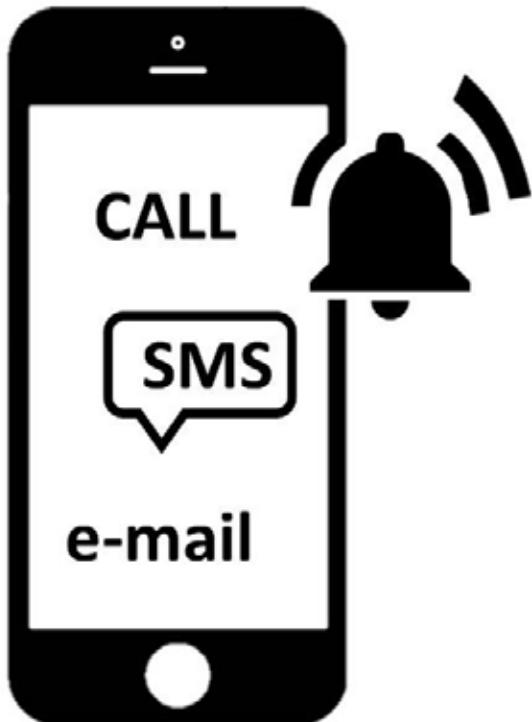
depending on **customer requirements**.

# Industry 4.0

Sector-specific IOT applications

Datatracer software was designed  
in a way that does

**NOT REQUIRE MANPOWER.**



All notification services are provided  
**AUTOMATICALLY** via the server and using  
the telecommunications infrastructure.

Instant reception of the alarm and  
notification via app or call or SMS.

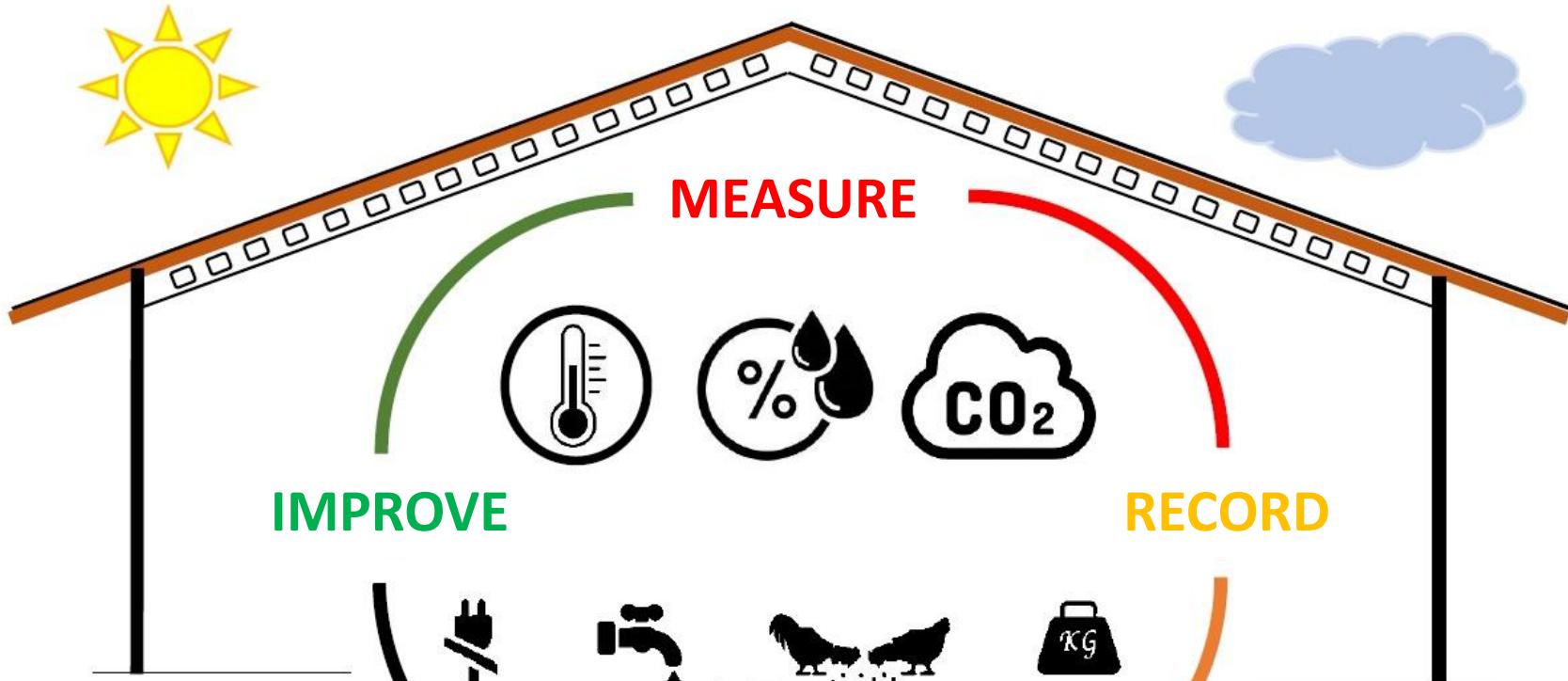


The screenshot displays the Amino dataTracer software interface, which includes the following components:

- Top Bar:** Shows the Amino dataTracer logo and navigation icons.
- Left Sidebar:** Includes icons for Home, Sensors, Events, Alarms, and Help.
- Header:** "Dönem Verileri" (Period Data).
- Term Event Notification Logs:** A table showing transmitted person details, address, message status, number of attempts, and transmission time. It includes rows for SMS (Forwarded) and CALL (Failed).
- Event Log:** A list of events with dates, descriptions, and details. It includes rows for Warning (15-04-2025 04:22, Uyarlı Nem Yüksek, Osman Kesim 3 - Osman Kesim 3 (65.8%)), Warning (15-04-2025 03:22, Uyarlı Nem Yüksek, Osman Kesim 3 - Osman Kesim 3 (65.2%)), and Alarm (15-04-2025 01:43, Dikkat! Osman Kesim 3 - Osman Kesim 3 sensoründen sinyal alınamıyor!).
- Sensor Monitoring:** A grid of four cards showing sensor data: Kümes 1 Soğuk (26.1 °C), Kümes 1 Nem (67.4 %), Kümes 1 Co2 (2610 ppm), and Terazi 1 (1.1 kg).
- Water Consumption:** A card showing Su Tüketimi 1 (80 L) and Su Tüketimi - S.No: 2 (03-04-2025 12:11:51).
- Graphs:** Two main graph sections. The top section shows a line graph for Kümes 1 Co2 with a data point highlighted (8634 ppm on 15-04-2025 05:04:54). The bottom section shows a line graph for Kümes 1 Nem.

All sensors can be easily monitored.  
A record is kept for all sensors.

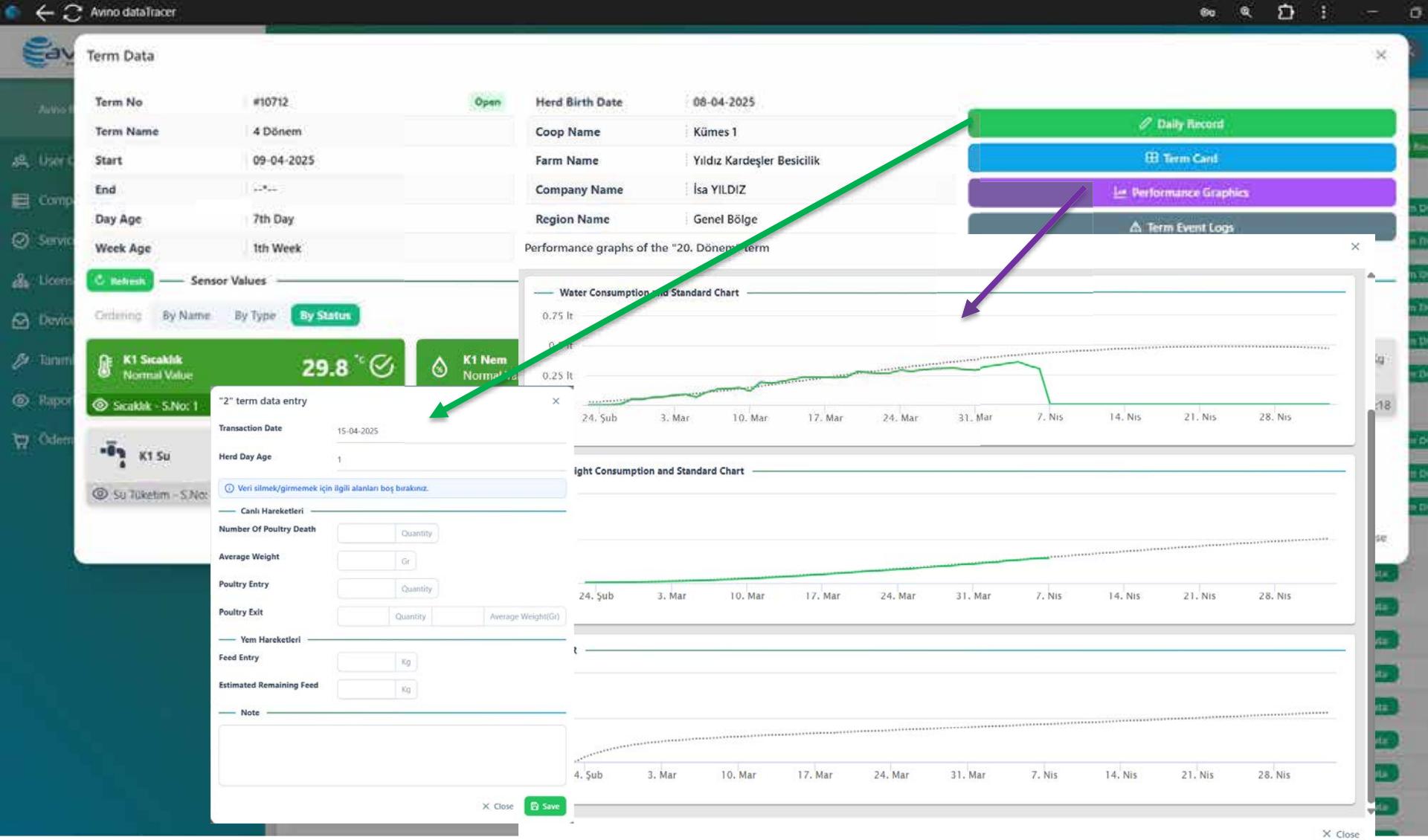
**data**  
**tracer**



**data  
tracer**

NOT ONLY SENSORS BUT ALSO  
PERFORMANS OBJECTIVES  
TRACING

**avino**  
innovations



You may monitor full graphs and compare with genetic standards.

 data tracer

Avino dataTracer

Term Data

Term No: #10712 (Open)      Herd Birth Date: 08-04-2025

Term Name: 4 Dönem      Coop Name: Kümes 1

Start: 09-04-2025      Farm Name: Yıldız Kardeşler Besicilik

**4 Dönem" dönem kartı**

1. Hafta (08-04-2025 - 15-04-2025)

**Bölge Tanımı**

Canlı Hareketleri: 1

Veri silmek/girmemek için ilgili alanları boş bırakın.

Number Of Poultry Death: 21.000 Adet

Average Weight: 0.00 Kg

Poultry Entry: 30.797 Adet

Poultry Exit: 0 Adet

Toplam Çıkan Canlı: 0 Adet

Toplam Ölen Canlı: 203 Adet

Mortalite Oranı: % 0.97

Toplam Yem Giriş: 9.139.00 Kg

Toplam Yem Tüketimi: 0.00 Kg

Toplam Su Tüketimi: 14.610.00 l

Toplam Çıkan Canlı Ağırlık: 0.00 Kg

Su / Yem: 0.00

m2'deki Canlı Sayısı: 13.86 Adet

**Dönem Kartı Verileri**

İşlemler: 0      Gün Yaşı: 0

1. Hafta (09-04-2025 - 15-04-2025)

anlı Ağırlık (Kg/m<sup>2</sup>)

Giren Yem: 4.522      Kalan Yem: 0.00      Hesaplanan: 25.175      Referans: 0.00

Su Tüketim (l): 420.00      Sensör: 0.00      Manuel: 0.00      Referans: 0.00

Canlı Ağırlık (Gr): 55.50      Sensör: 0.00      Manuel: 0.00      Referans: 0.00

FCR (%): 0.19      EPEF: 0.00

Yıldız Kardeşler Besicilik      Kümes 1      Etlik Broiler      Genel Bölge      03-12-2024 - 21-01-2025      Closed

# Performance Cards

## Water & Feed Consumptions, Bodyweight, FCR, EPEF

**data**  
**tracer**

# Avino Call Center & Technical Support Services

Thank you!



PS by AVINO  
PROACTIVE SERVICE

[www.avino.com.tr](http://www.avino.com.tr)

Avino Bilişim Teknolojileri San. ve Tic. A.Ş.  
Yenişehir Mh. Bakü Cd. No: 6 Arma Rezidans A Blok K: 8 D: 173  
Pendik / İSTANBUL



**data**  
tracer