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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.





2000+
Users

500+
Customer

1000+
Scale

900+
Farms

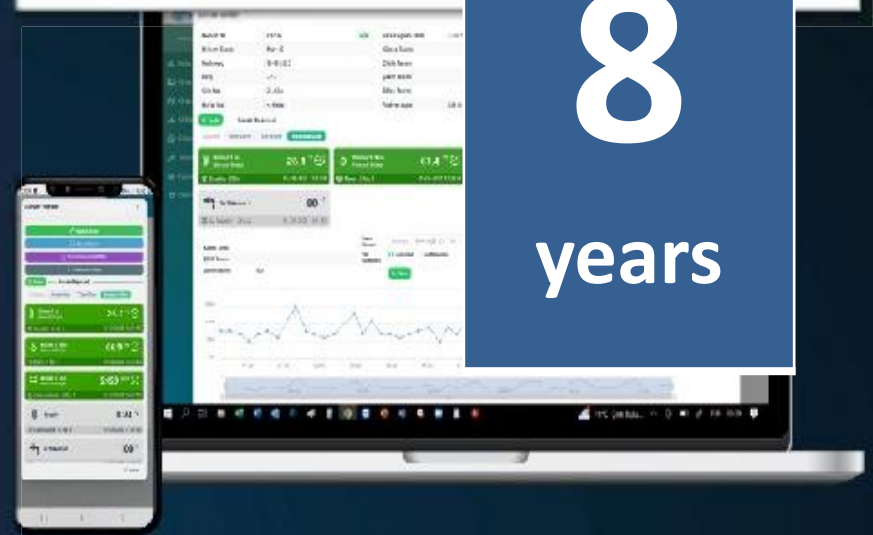
800+
Gateway

4000+
Sensors

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

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

8
years





IoT SYSTEMS

HARDWARE & SOFTWARE

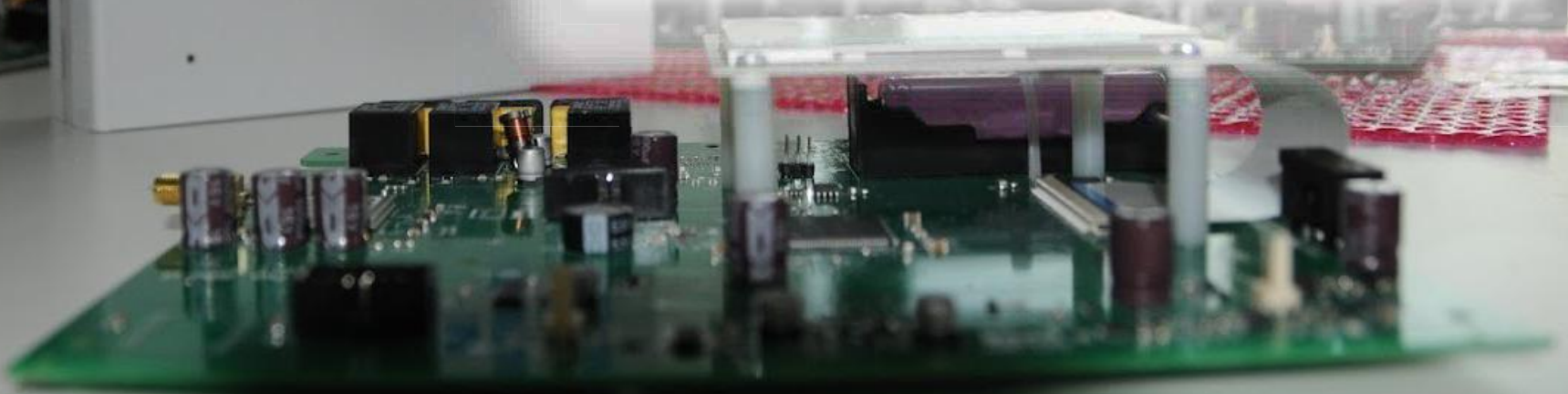
Datatracer Poultry Tracking System users have reported significantly;

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

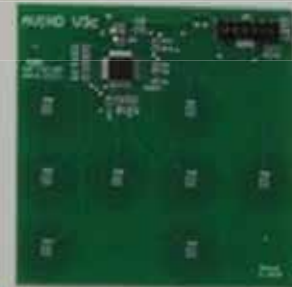
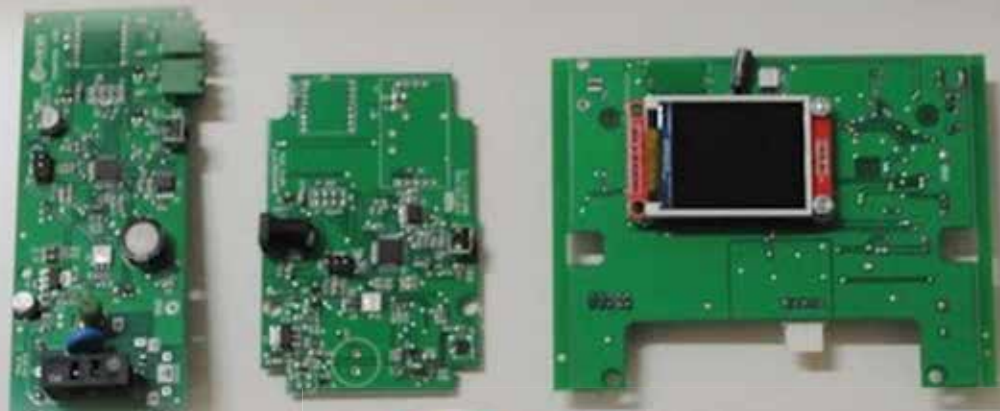
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ALL DEVICES are developed
at our own **R&D**,
designed and manufactured
by **AVINO 100%**.



Step
by
step



Plug and Run

Tak Çalıştır



Li-Ion Temperature Humidity
[CO₂] Meter
TH-08



Main Device
MK-03



Live Weight Scale
SC-10 & SC-25



Water Meter



Water Consumption Sensor
PC-02

Trifaz Electricity
Outage Sensor
3F-03

Temperature Humidity External Probe
STA-PR

Gas Datalogger
STA-01



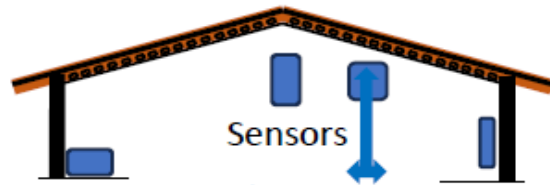


WIRE-LESS

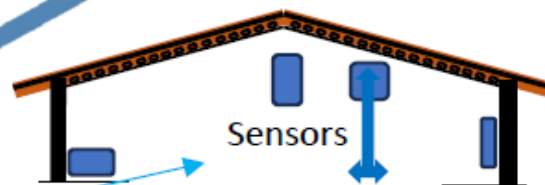
PLUG & RUN



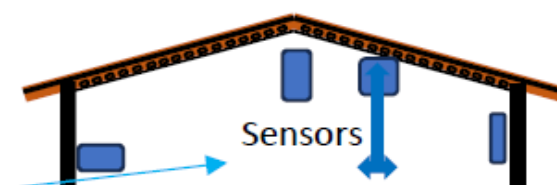
RF TECH 868 MHz



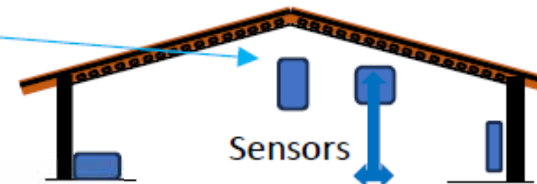
Sensors



Sensors



Sensors



Sensors



Main device

RF distance outdoor 400 m

indoor 150 m



& WiFi





TEMPERATURE HUMIDITY & CO₂

SAVE - FOLLOW - NOTIFY - SUCCEED



MEASURE

RECORD

CLOUD

ANALYZE





data
tracer



K3 Su

40^{Lt}

Su Tüketim - S.No: 3

18-04-2025 23:41:58

WATER COMSUMPTION

SAVE - FOLLOW - NOTIFY - SUCCEED

K3 Su

Kümes Tanımı: Kümes 3
Çiftlik Tanımı: Yıldız Kardeşler Besicilik
Dönem Tanımı: 4 Dönem

Kayıt Zamanı: Başlangıç 18-04-2025
Veri Gösterimi: ☒ Zamansal ☐ Sınıflandırma
[Yükle](#)

Toplam Kayıt
77 Adet

Toplam Tüketim
1.990 L

Su Tüketim ve Standart Grafiği

0.5 Lt

0.25 Lt

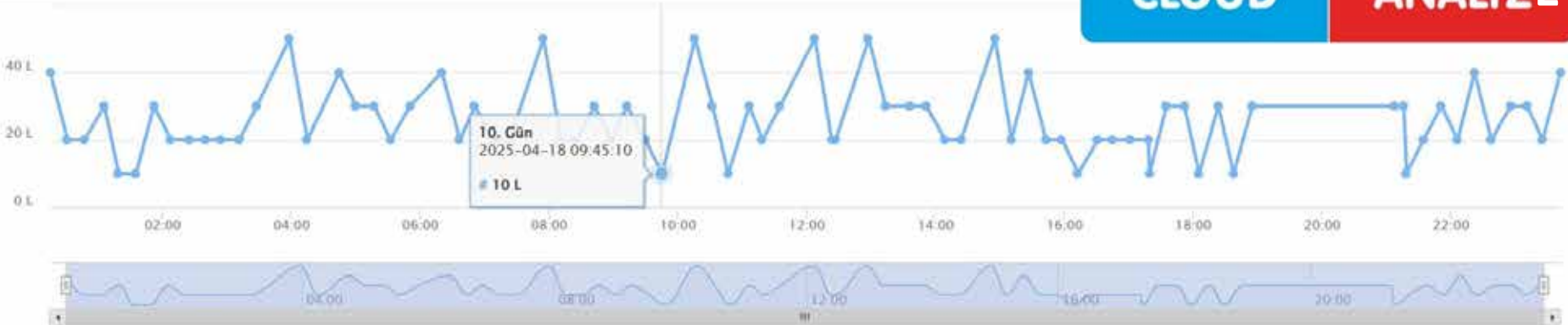
0 Lt

MEASURE

RECORD

CLOUD

ANALYZE





B2

Line 1: On - Line 2: On - Line 3: Off



Trifaz Elektrik - S.No: 6

09-04-2025 09:04:10



C3-4

Line 1: On - Line 2: On - Line 3: On



Trifaz Elektrik - S.No: 5

23-03-2025 22:40:53

ELECTRICITY FAILURE SAVE - FOLLOW - NOTIFY

Ayazköy 3

Kümes Tanımı: Ayazköy
Çiftlik Tanımı: Ayazköy
Dönem Tanımı: Ayazköy Nisan 25

Kayıt Zamanı: Başlangıç 14-04-2025 Bitiş 14-04-2025

Yükle

Excel İndir



Kapat

Kümes Tanımı

Makterm B Üst

Kayıt Zamanı

07-04-2025

Veri Gösterimi

☐ Zamansal ☒ Sınıflandırma

Çiftlik Tanımı

Makterm

Dönem Tanımı

20. Dönem

Yükle

Excel İndir

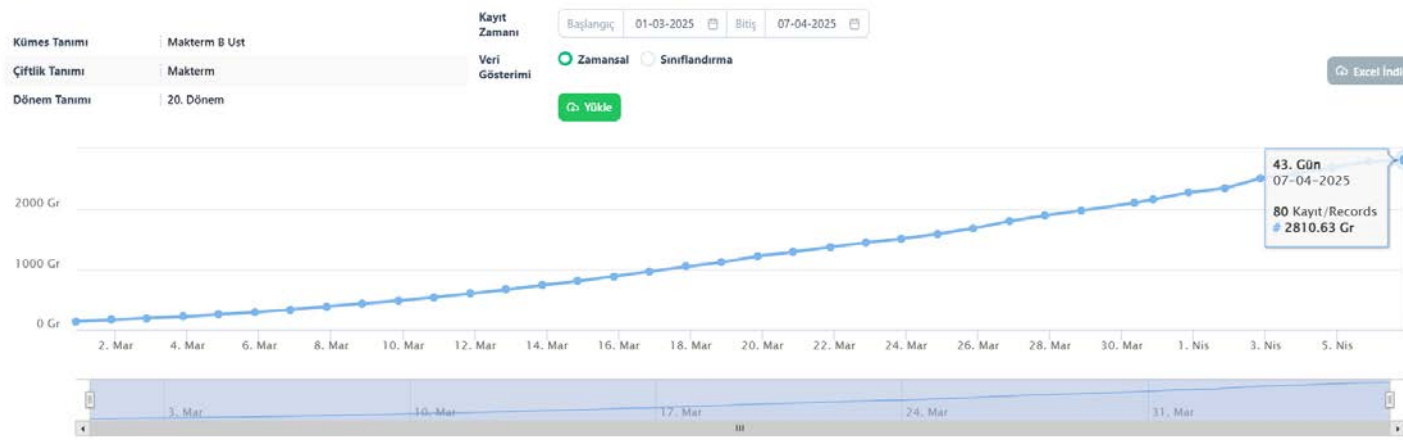
Toplam Tartım	Ortalama Ağırlık	Cv	Uni
80 Adet	2.810,63 Gr	10,17	73,75

Ortalama Ağırlık	Toplam Tartım	--*--
3.350,00 Gr	1 Adet	
3.320,00 Gr	1 Adet	
3.260,00 Gr	1 Adet	
3.240,00 Gr	2 Adet	
3.180,00 Gr	2 Adet	
3.160,00 Gr	1 Adet	
3.100,00 Gr	1 Adet	
3.070,00 Gr	2 Adet	
3.060,00 Gr	1 Adet	
3.050,00 Gr	3 Adet	
3.040,00 Gr	2 Adet	
3.030,00 Gr	1 Adet	
3.010,00 Gr	1 Adet	
3.000,00 Gr	1 Adet	
2.990,00 Gr	2 Adet	
2.970,00 Gr	1 Adet	

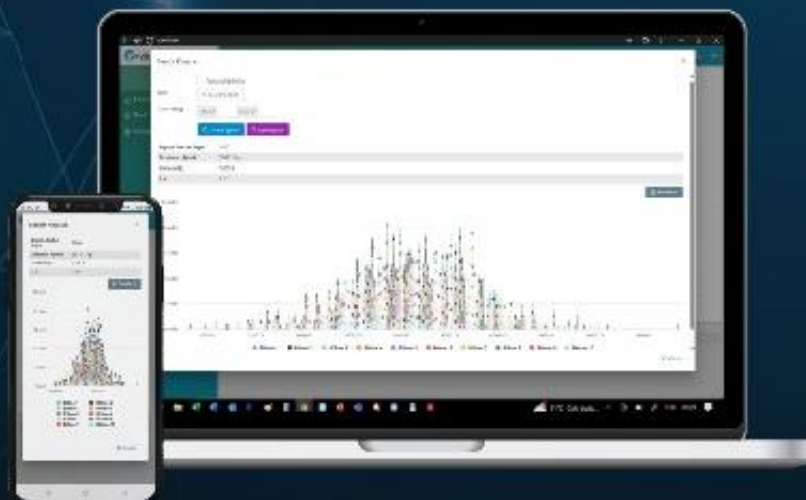


WEIGHING SYSTEMS

DATATRACER SC-10 PLATFORM SCALE



IMPROVE YOUR BUSINESS



scale tracer WEIGHT SYSTEM

Cloud Support
Wifi Scale
C.V. & Uniformity
Grading





IoT SYSTEMS

HARDWARE & SOFTWARE

Integrated Tracing System

Our software team are working hard on developing our systems



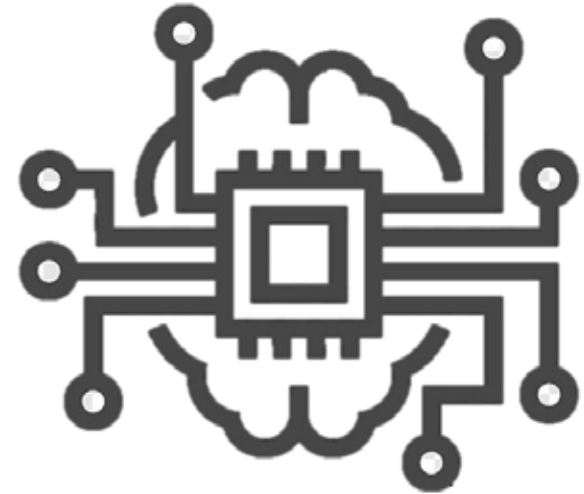
depending on customer requirements.

Industry 4.0

Sector-specific IOT applications

Datatracer software was designed in a way that does

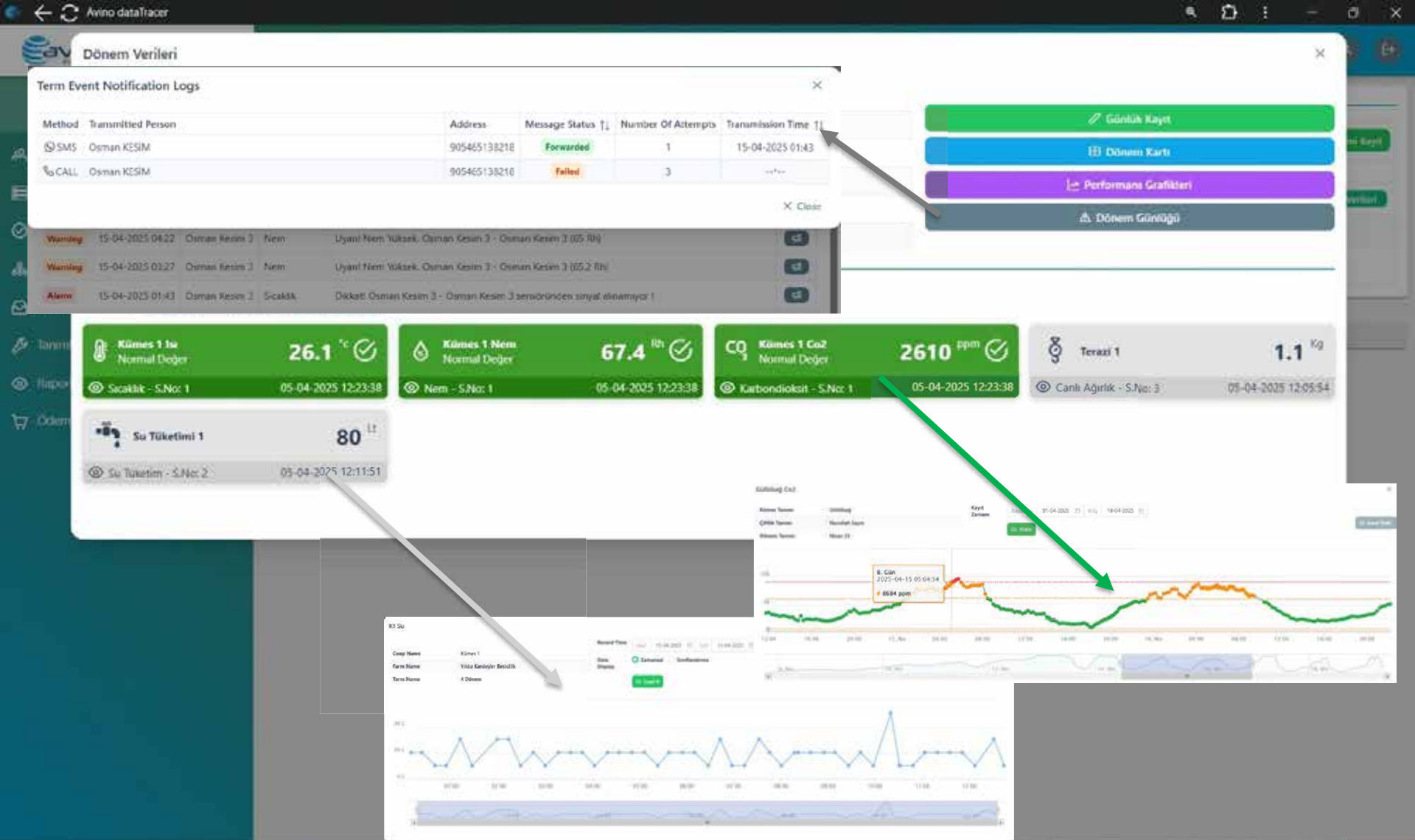
NOT REQUIRE MANPOWER.



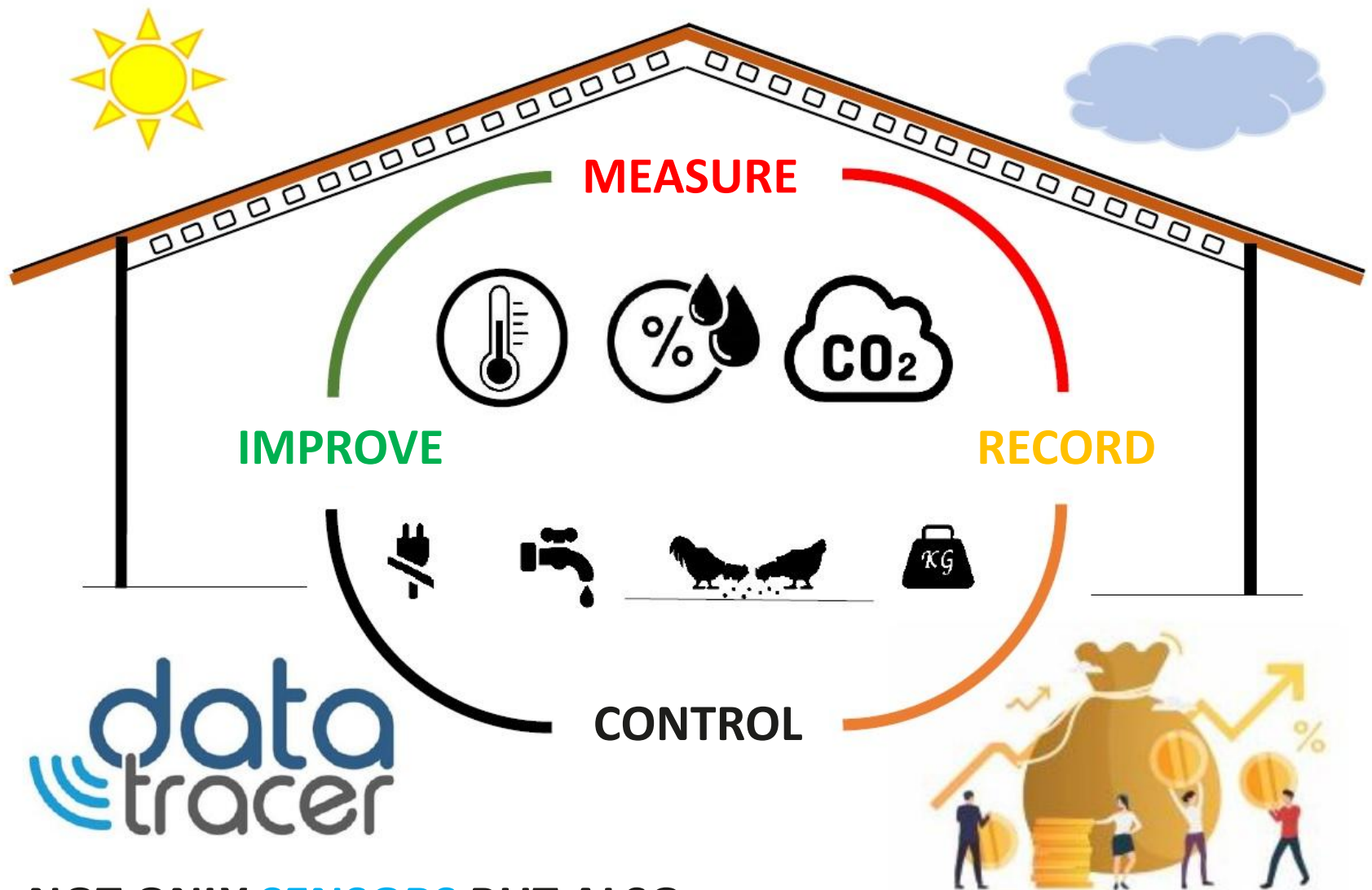
All notification services are provided **AUTOMATICALLY** via the server and using the telecommunications infrastructure.

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





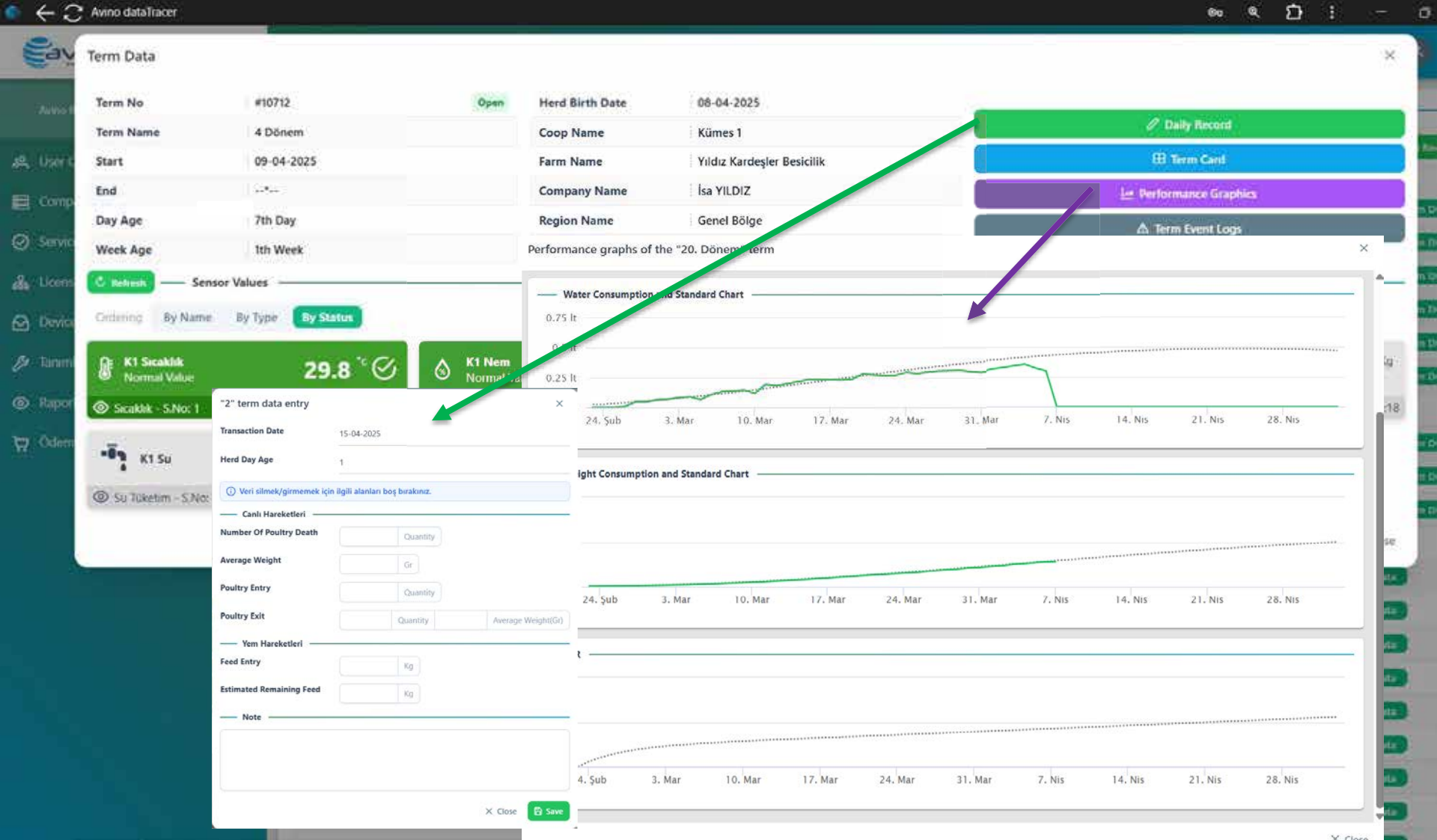
All sensors can be easily monitored.
A record is kept for all sensors.



data
tracer

NOT ONLY SENSORS BUT ALSO
PERFORMANS OBJECTIVES
TRACING

avino
innovations



You may monitor full graphs and compare with genetic standards.

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

Daily Record

Term Card

"4 Dönem" dönem kartı

"2" term data entry

Transaction Date

15-04-2025

Herd Day Age

1

Veri silmek/girmemek için ilgili alanları boş bırakınız.

Canlı Hareketleri

Number Of Poultry Death

Quantity

Average Weight

Gr

Poultry Entry

Quantity

Poultry Exit

Quantity

Average Weight(Gr)

Yem Hareketleri

Feed Entry

Kg

Estimated Remaining Feed

Kg

Note

İrk Tanımı

Ross 308 Karışık (2022)

Toplam Canlı Girişi

21.000 Adet

Toplam Kalan Canlı

20.797 Adet

Toplam Çıkan Canlı

0 Adet

Toplam Ölen Canlı

203 Adet

Mortalite Oranı

% 0.97

Toplam Yem Girişi

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 Verisi

İşlemler

Gün Yaşı

Canlı Ağırlık

Yem Tüketim (Kg)

Su Tüketim (L)

Canlı Ağırlık (Gr)

FCR (%)

EPEF

Giren Yem	Kalan Yem	Hesaplanan	Referans	Sensör	Referans	Sensör	Manuel	Referans	Hesaplanan	Manuel	Referans	EPEF
4.522	0,00	...	0,00	...	...	0,00	...	...	0,00	...
...	251,75	420,00	503,52	55,50	...	62,00	...	...	0,19	...
...	586,83	620,00	670,14	62,67	...	81,00	...	...	0,35	...
...	1.004,47	870,00	835,28	76,80	...	102,00	...	...	0,47	...
...	1.504,63	1.090,00	1.000,32	98,33	...	125,00	...	...	0,58	...
...	2.066,80	1.220,00	1.124,33	122,50	...	151,00	...	...	0,66	...
4.517	2.711,97	1.430,00	1.290,34	148,86	...	181,00	...	...	0,72	...
...	3.440,29	1.570,00	1.456,63	162,62	...	213,00	...	...	0,78	...

1. Hafta

Performance Cards

Water & Feed Consumptions, Bodyweight, FCR, EPEF



Avino Call Center
& Technical
Support Services



PS by AVİNO
PROACTIVE SERVICE

Thank you!

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Avino Bilişim Teknolojileri San. ve Tic. A.Ş.

Yenişehir Mh. Bakü Cd. No: 6 Arma Rezidans A Blok K: 8 D: 173

Pendik / İSTANBUL

