Newsletter

Issue 18
Q3 2022

TATWEER
Middle East and Africa

New Agreements and **Strategic Partnership**

Signing MOU with
Municipality & Planning Department for Government of Ajman

Tatweer is pleased to sign a Memorandum of Understanding (MoU) with Municipality & Planning Department for government of Ajman, to develop a digital infrastructure, sustainable urban communities, and exchange experiences in the fields of smart cities & the Internet of Things.

Signing MOU with
Riyadh Municipality for Smart City Initiative

Tatweer and Riyadh Municipality signed a Memorandum of Understanding (MoU) for developing a smart city applications aiming to save the energy & operation cost and control the field activities from a single IoT platform with integrated subsystems.
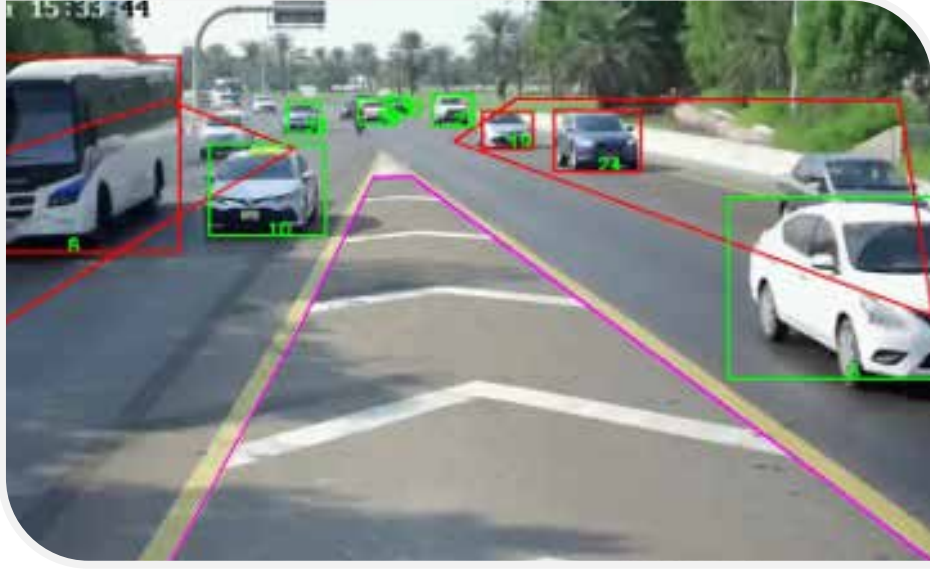

Launching **New Products**

Traffic Enforcement and Monitoring System

Tatweer recently developed an enforcement solution installed at crossroads based on solar power supply and uses artificial intelligence systems to detect violators at restricted zones.
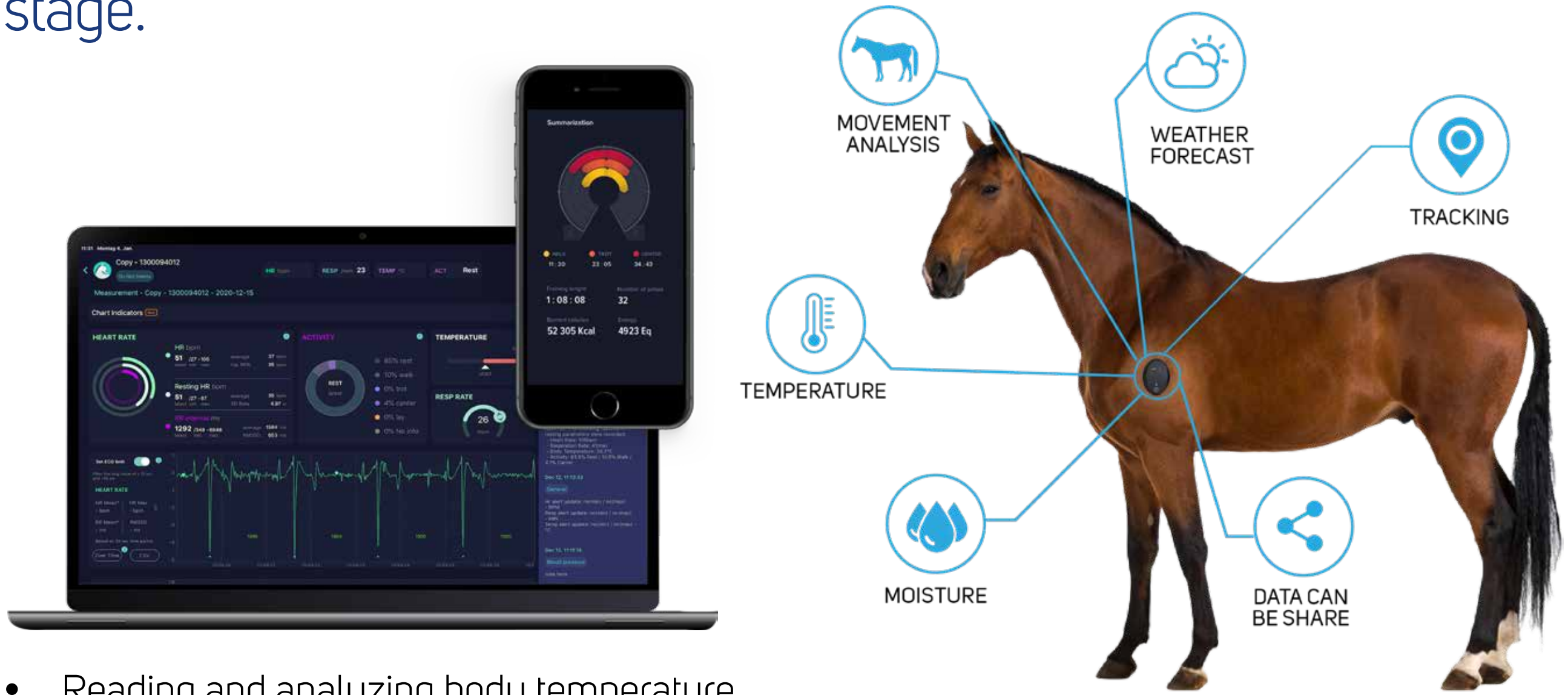
The solution provides features:
- Identify different plates of violators at restricted area day and night
- Using solar as a power source.
- Determine the average speeds of vehicles
- Identify and classify types and forms of compounds.
- Record video and photo as evidence for the violation.
- Remote configuration for monitoring and control
- Various traffic reports & statistics.
- Central violation processing platform.

Animal Tracking & Health Monitoring Solution

As part of our smart city initiatives we have developed a tracking and monitoring solution for animals, The system aims to monitor the health of animals, secure them and realize the risks in early stage.

MOVEMENT ANALYSIS
WEATHER FORECAST
TRACKING
TEMPERATURE
MOISTURE
DATA CAN BE SHARE

- Reading and analyzing body temperature,
- Measuring the heart rate, moisture and movement analysis of the animal.
- Calculate the level of general stress that is used as an indicator for required action.
- Integrate the device with an external fleet management platform to track and view animal health details
- Create reports and statistical data including health and movements and assigned tasks details
- Send alarms and alerts to the operating room in case of any risks or stress that harm its health.