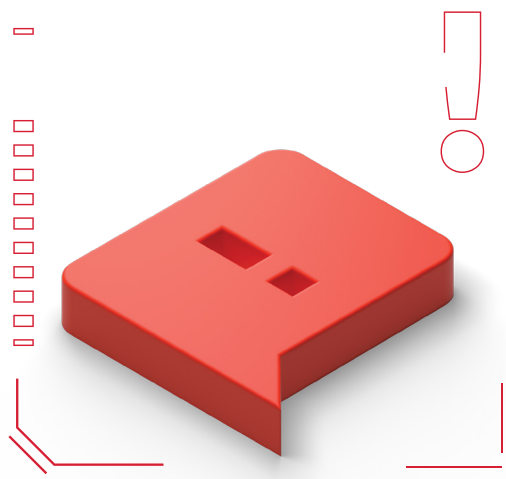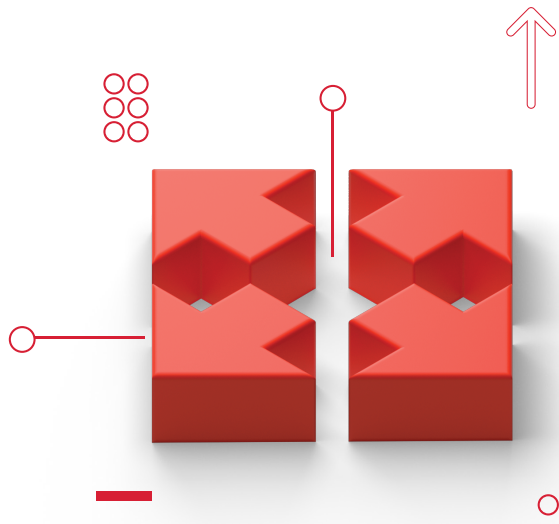# IOT Brochure

Product Overview

A true modern-age technological wonder, the internet of things is transforming the way we live and work. It is shaping our reactions, our behaviors and our reality. Through a network of smart, interconnected devices and embedded applications, it integrates innovative computer capabilities and uses data analytics to derive more and more useful information, while extending data collection and smart networking.

Once devices connect with one another, they form intelligent versatile systems able to share and analyze data, transforming lives and businesses in every aspect. It's a whole new world full of endless possibilities where the IoT improves medical outcomes, designs better products faster and at a lower cost, optimizes energy generation and consumption, and shapes our day-to-day life from enhancing our shopping experience to reinforcing our home security systems.

Benefits

Benefits Tahaluf IOT Platform

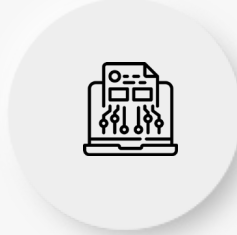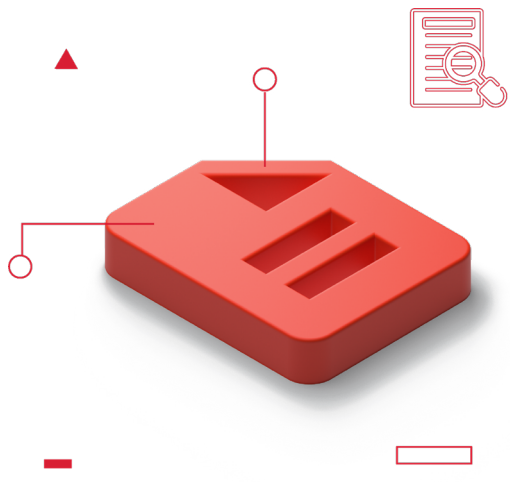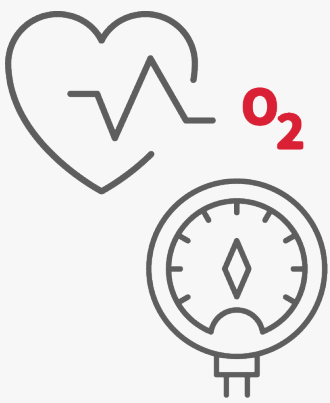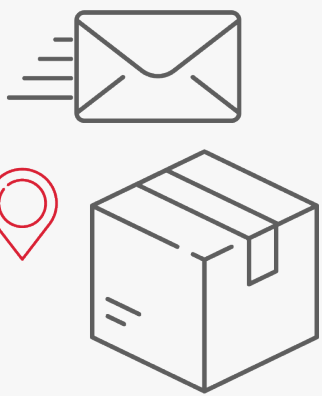|	
Fast Response	Notifications
Information security	Decrease internal corruption
Instance alarm	Reduce alert resolving time
Shared tracking on public maps	Reduce configuration time
Recorded tracking/streaming	Reduce data entry
Multiple asset type	

Tahaluf IoT Applications

Asset tracking

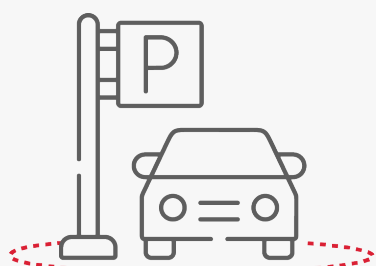Real-time tracking of assets on the move

Children and elderly safety

Environmental tracking around children and elderly, fall detection, heartbeat, and oxygen level monitoring.
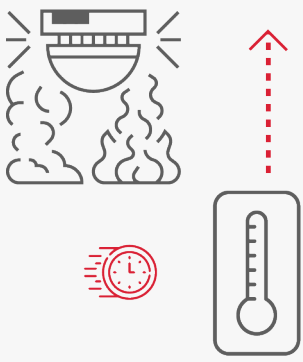
Mail and shipment tracking

Tracking of shipments location through the chain and monitoring of the surrounding environment.

Parking management

Real-time occupancy information,

detection of overstaying vehicles, centralized data management from a single control centre, in-app navigation.a
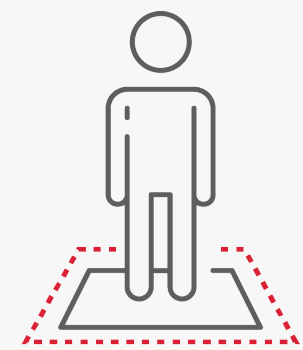
Smart Home

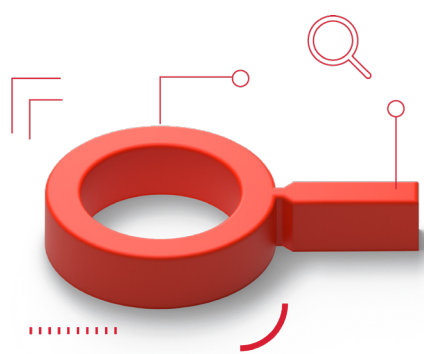Real-time smoke and high temperature detection.

Fence intrusion and safety

Monitoring fence, detecting intrusions, sending alerts.

Visitors and employees tracking

Personal location tracking in indoor premises, presence monitoring

Features

Asset management
- Add different types of assets
- Online tracking
- Control assets `remotely

Devices and sensors
- Support mass numbers of devices
- Support different types of sensors

Trip management
- Request trip Permission
- Grant/Revoke trip request
- Receive alerts for unapproved trips

Geofence
- Control assets within a geofence
- Control users' permissions

Alert rules
- Tailor different types of alerts
- Set alerts per user/device
- Set alerts within geofences

Easy UI navigation
- Provide easy map interface
- Search/Filter assets on map
- Provide extensive admin screens

Big data
- Support massive data using Mongo
- Quick access for usage and reports

Dashboard
- Customized dashboards per user
- Live data from differents ystems

Location sharing

- Share asset location with 3rd party

Alert notifications management

- Different custom actions for alarms
- Easy escalation to upper level
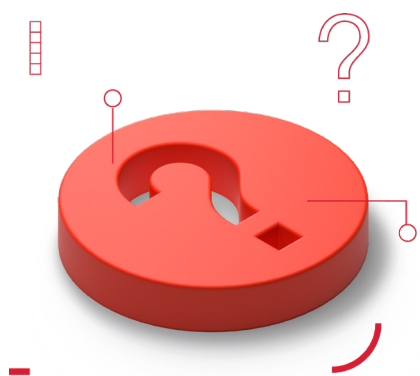- Easy peer delegation

Mobile access

- Easy to use mobile apps

User management

- Easy to configure user permissions

Video and audio calls

- Embedded chatting system

About Tahaluf

In an effort to define the digital landscape for the region, Tahaluf was established in 2015 as a strategic initiative for the nation's quest for digital transformation.

Since its inception, Tahaluf has strived to provide the latest state-of-the-art solutions and services to keep businesses secure and at the forefront of the future. By solidifying its position as an innovative industry leader offering integrated solutions and services across the country and internationally, Tahaluf has established itself as a leading national presence in IT and cybersecurity.

Tahaluf' s growing legacy has become intrinsically woven into the technological advancement of the UAE, shaping, and elevating the government's determined strive to achieve its ambitious vision built around smart cities and infrastructure developments. With this vision, Tahaluf intends to continuously cultivate innovation and transformation, provide cutting-edge security solutions, and create a future of possibilities in the UAE and beyond.

WE DO IT WITH PASSION

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