Forklift Collision Avoidance Management System

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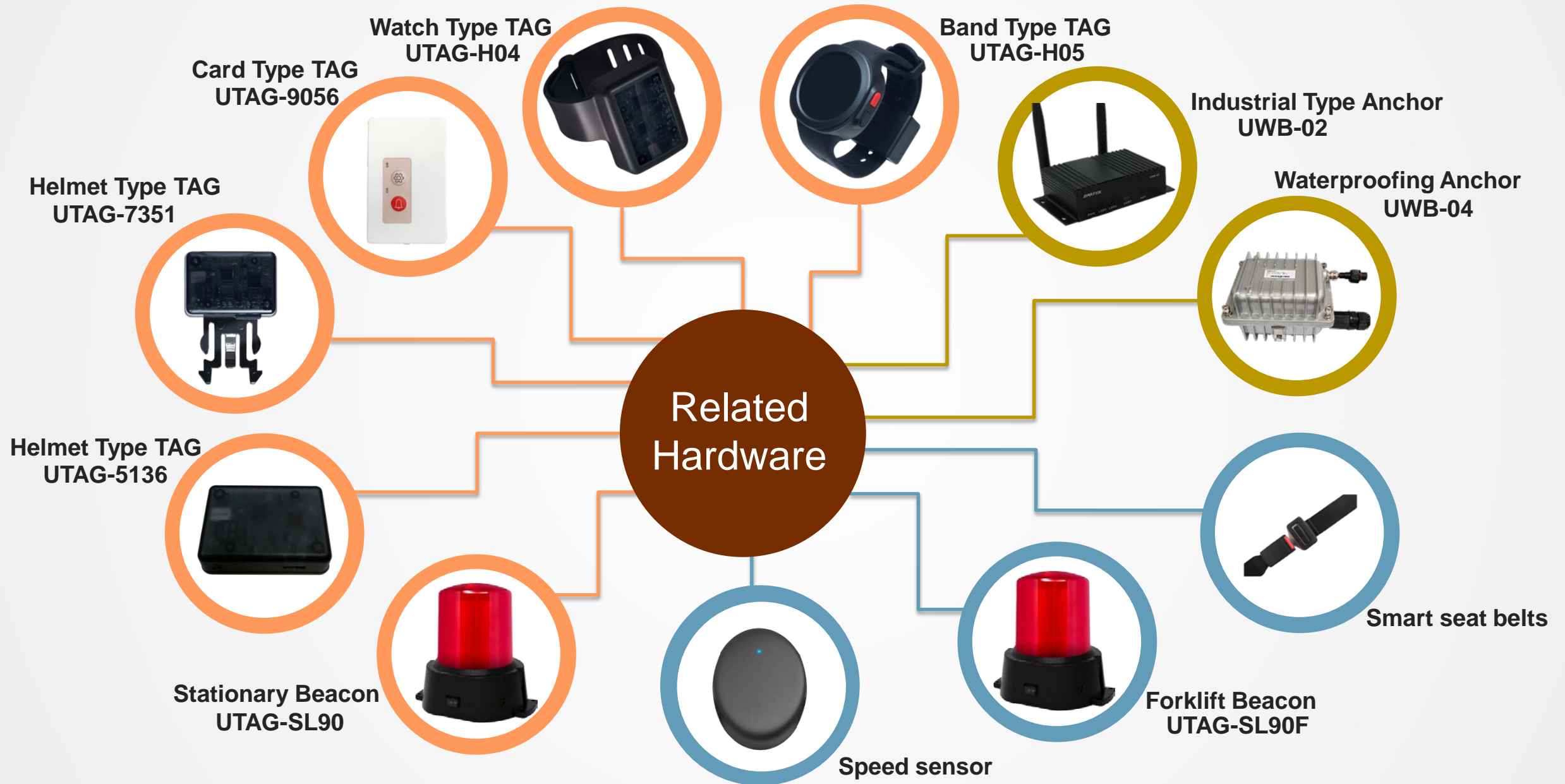
Offline Access

- **Easy to setup, power on and ready to use**
- **No internet connection required**
- **No server required to operate the system**

Online Access

- **Live view of vehicles, personnel and interaction record**
- **Analyse safety awareness, efficiency and work hours**
- **Analyse hot spot, dangerous areas on site in advance**
- **Analyse cost of each vehicle, including maintenance and repair**
- **Generate abnormal messages and real time notification**
- **Paperless record keeping**

**Card Type TAG
UTAG-9056**

**Watch Type TAG
UTAG-H04**

**Band Type TAG
UTAG-H05**

**Industrial Type Anchor
UWB-02**

**Helmet Type TAG
UTAG-7351**

**Waterproofing Anchor
UWB-04**

**Helmet Type TAG
UTAG-5136**

Related
Hardware

Smart seat belts

**Stationary Beacon
UTAG-SL90**

Speed sensor

**Forklift Beacon
UTAG-SL90F**

Driver Authorization

After the system is started, the driver needs to bring the Tag close to the forklift beacon for driver authorization.

Failure to authenticate after timeout will generate sound, light and voice alarms.

Seatbelt Monitoring

Seatbelt monitoring throughout the work process.

When the system detects that the seat belt is not fastened, it will issue a sound, light and voice alarm.

Speed Monitoring

Speed monitoring throughout the entire working process.

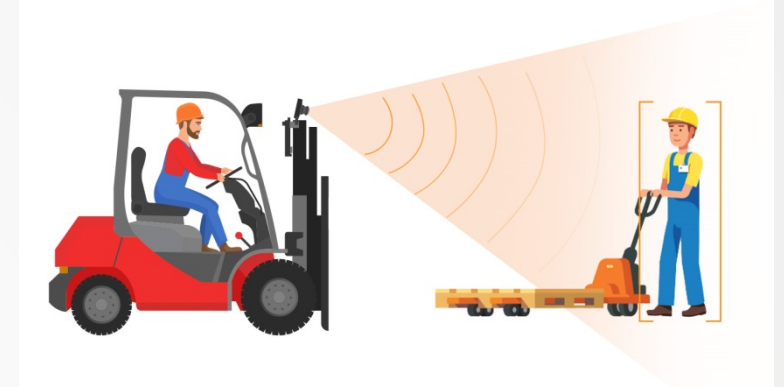When the system detects overspeeding, it will issue a sound, light and voice alarm.

The TAG worn by the driver will record the operation log of the forklift.

The TAG also has anti-collision protection function when other forklifts are too close.
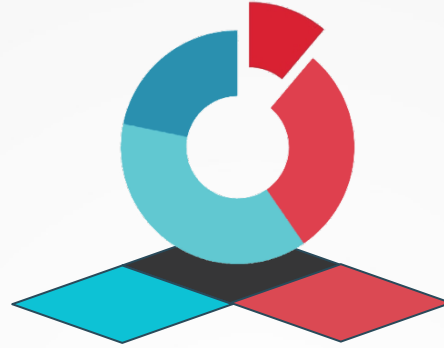
A whitelist can be set for the forklift beacon, and the beacon will not generate an alarm for the devices in the list.

When the forklift beacon approaches the dangerous distance set by the personnel TAG or other forklift beacons, the management system can be notified immediately.

- **Real time onsite vehicles and personnel working viewing .**
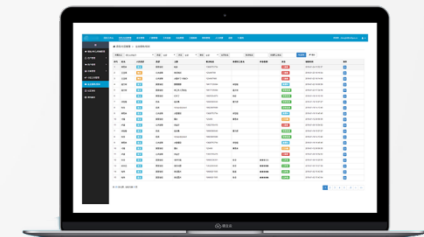- **Access to vehicle amount and interaction record**

- **Hot spot and hazardous areas analysis**

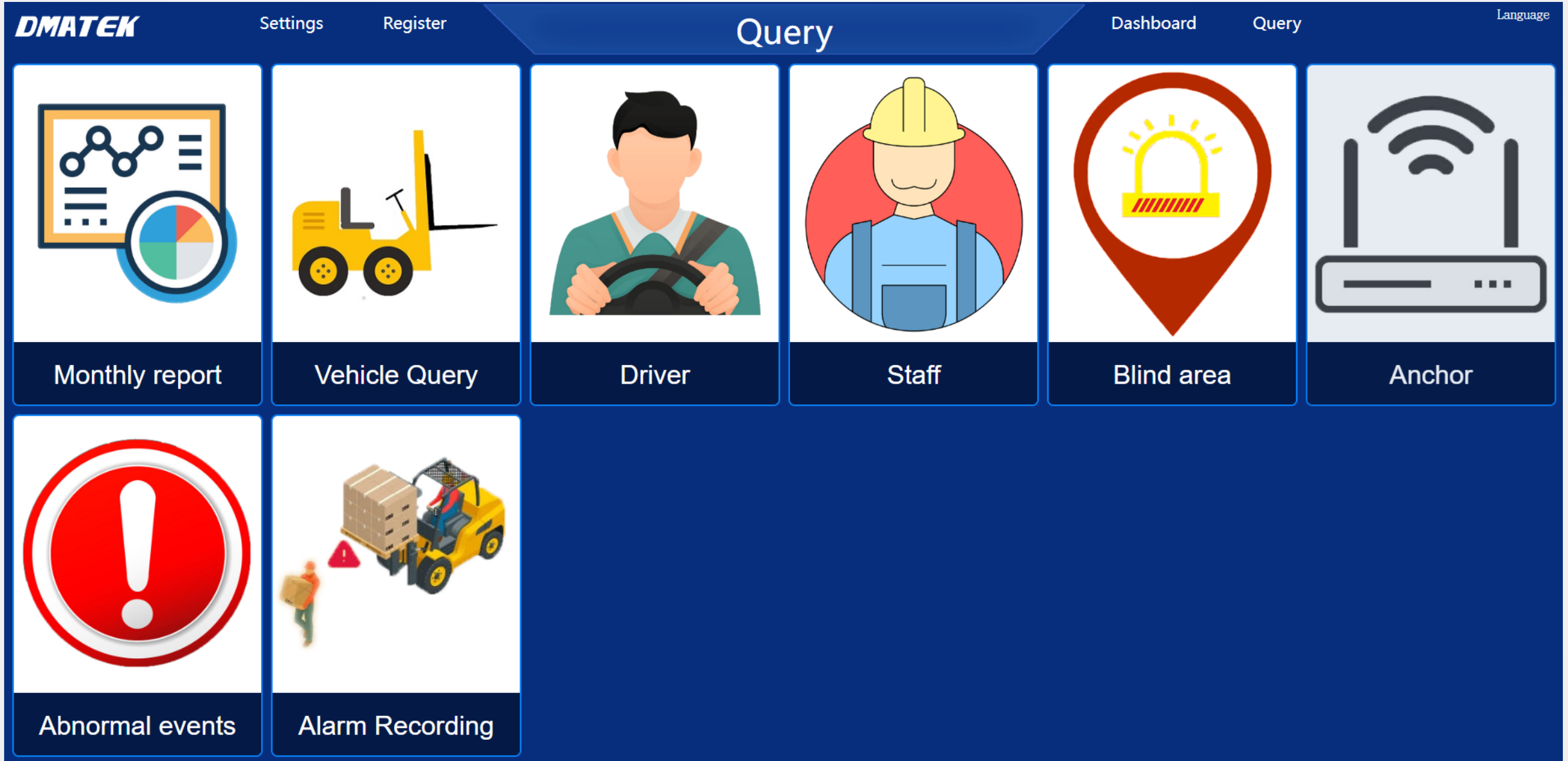- **Safety Awareness, efficiency and work hour analysis**

- **Repair and maintenance cost analysis**

- **Paperless record, easy online management**

- **Instantly display number of vehicles, personnel, blind spot and anchors that are functional**
- **Features event query, usage records, abnormal events and system settings**

- Event query interface. Managers can query various reports, personnel, drivers, vehicles, abnormal events and other alarm event items

- **Illegal driving**
  - ✓ Authorization required for operating forklift
- **Blind spot warning**
  - ✓ Should the anchor failed to work and alert will be sent
- **Restricted Area**
  - ✓ Personnel and forklifts approaching restricted area will generate an alert
- **Collision warning**
  - ✓ Vehicle to human (Configurable distance)
  - ✓ Vehicle to vehicle (Configurable distance)

The End