

# Proximity detection

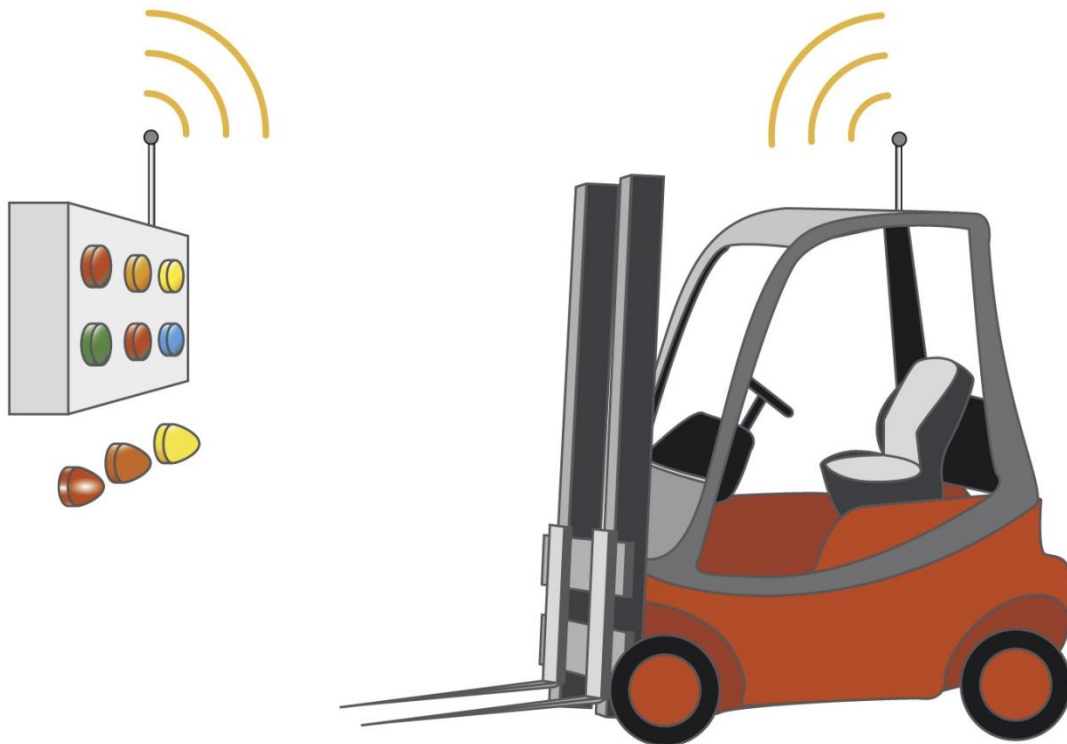


## Objective:

- Detect a vehicle proximity

## Product:

- ARM-SE



## Application:

Often used for moving vehicles, the detection allowed, for example, an automatic opening door when the vehicle approaches. An embedded ARM-SE broadcast permanently. The receiver is equipped with the RSSI function (Received Signal Strength Indicator) and is activated when the strength signal is sufficient. Then it can open the door. The signal strength is determined according to the desired distance.

## Configuration:

The ARM-SE must be configured in serial link, transparent mode, via the embedded web pages. A specific configuration must be applied by AT commands, concerning the RSSI measurement, allowing the radio transmission only when the radio modem arrived at a determined distance.