



Crossing, intersections, ends of long passages, blind spots always represent a risk in workplaces.

In any industrial environment where vehicles and pedestrians simultaneously operate, accidents and injuries are likely to happen. **SafeTraffic** is an auxiliary system allowing to protect everyone operating in the workplace designed areas. **SafeTraffic** can detect incoming vehicles alerting other workers through visual and acoustic alerts.

The microwave sensors, placed before intersections or crossing areas, detect traveling vehicles revealing their presence through visual (flashing light) and acoustic (beacon) alarms.

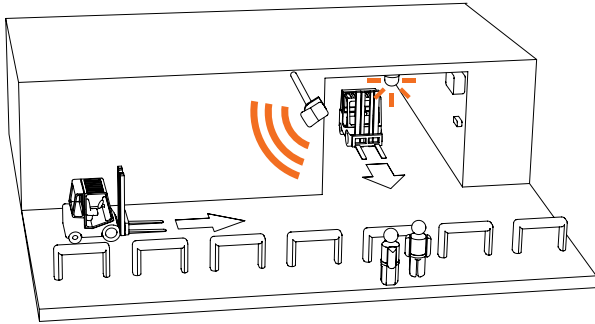
✓ **NO INSTALLATION ON THE VEHICLES REQUIRED**

✓ **FLEXIBLE TO FIT TO ANY LAYOUT CONFORMATION**

✓ **INTEGRABLE WITH TRAFFIC LIGHTS, ELECTRIC DOOR/GATE LOCKS AND OTHER DEVICES\***

✓ **REMOTE CONTROL**

*\* Subject to technical verification*



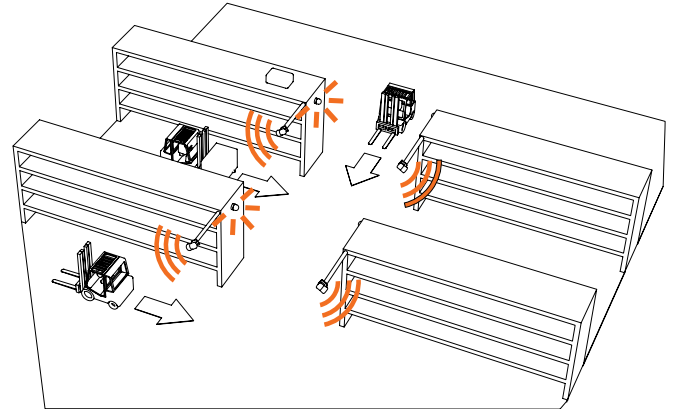
Everytime a truck enters the surveilled area SafeTraffic detects it through the microwave sensor.

System is fully autonomous without the operator having to perform any operation. System automatically activates the related visual and acoustic alerts.

Active areas can be freely defined according to specific needs.

**SafeTraffic**, in its minimum configuration, is made by a sensor (installed in proximity of the area to surveil), an alert unit and a main control unit.

Vehicles, acceding or not to the surveilled area, don't need any kind of installed device.



### KIT CONTENTS (minimum configuration)

✓ CONTROL UNIT KIT

✓ SENSOR KIT

✓ ALERT UNIT KIT

✓ REMOTE CONTROLLER

### Technical data - Control unit kit

Input voltage	100-120 V ~ /200-240 V ~ (selectable, standard 200-240 V ~)
Nominal power	75 W
Output type	ON/OFF
Dimensions	240 mm x 191 mm x 151 mm
Customizable parameters	alarms duration, input/output pairing, output voltage
Sensor inputs number	4
Alert unit outputs number	4
Operating temperature	-20°C / +50°C
IP degree protection	IP50

### Technical data - Sensor kit

Operating voltage	12-36 VDC / 12-28 VCA
Detection range	7 m (L) x 7 m (P) to the installation height of 5 m and with 45° housing tilt 5 m (L) x 8 m (P) to the installation height of 7 m and with 45° housing tilt
Detection speed	0.1 m/s min
IP degree protection	IP67
Dimensions	with mounting bracket (180°) = 131 mm (L) x 73 mm (A) x 136 mm (P)
Customizable parameters	sensitivity, direction detection, alarm duration

### Technical data - Alert unit kit

Operating voltage	12-24 VDC / 12-24 VDC
Technology	LED
Sound pressure level	65 db min - 105 db max
Type of visual feedback	constant or pulsing
Dimensions	90 mm x 80 mm
Customizable parameters	type of visual feedback, volume, tone