



● SMART ZONING
SYSTEMS

KIWI ZONE

ZONING SYSTEM

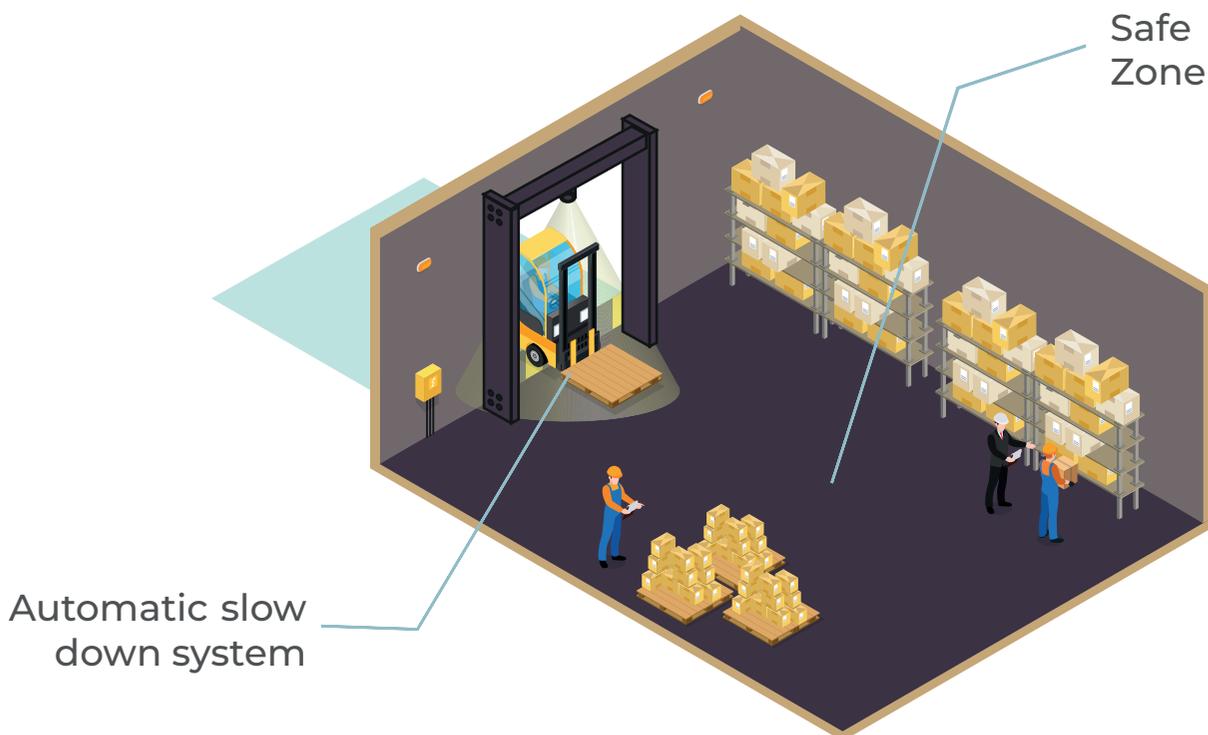
The Zoning System allows you to **manage truck performances** to increase safety in specific delimited areas and control access to those zones.

Kiwi-Zone is an **automated security system** that controls truck performances in areas delimited by electronic gates, monitoring vehicles in specific working areas.

When the truck enters the **"SAFE" areas** monitored by the Kiwi-Zone system, the truck is immediately slowed down and any acoustic and/or visual signals are activated.

Thanks to **radio technology**, the system recognises the truck when it enters the relevant area and activates the predefined safety measures.

Finally, Kiwi-Zone **controls access** to dangerous restricted areas, such as Atex zones, and denies access to unauthorised vehicles (non-Atex vehicles).



HOW IT WORKS?

Kiwi-Zone **interacts with the environment** and, depending on the customer's needs, it is possible to set up the device to ensure the activation of safety functions that modify the surrounding environment: **opening doors, switching on lights, etc.**

The Kiwi Zone system consists of two devices to be installed on the Gate and a control unit.

Kiwi-Zone Gate detects the **Kiwi Zone - Mobile** device installed on the vehicle and triggers the automatic opening or closing of the gate.

The Kiwi Zone - Mobile system detects the Kiwi Zone - Gate devices and **regulates the speed of the vehicle.**

If the vehicle enters a dangerous area, it slows down automatically. On the other hand, the vehicle regains speed when leaving the control zone.

ENVIRONMENTAL INTERACTION

-  OPEN/ CLOSE GATE
-  SWITCHING ON LIGHTS
-  ACTIVATION OF ALERTS



FORKLIFT INTERACTION

-  AUTOMATIC SLOWDOWN
-  LIMITATION ON LIFTING
-  SWITCHING ON WORKING LIGHTS

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TECHNICAL SPECIFICATIONS

Kiwi Zone - Gate

Dimensions	180x130x100
Power supply	Da 100 a 240 Vac
Directive Antenna	2 Modules
Protection	IP 67
Interfaces	CAN BUS for expansions and configurations (2A & 2B)

Kiwi Zone - Mobile

Dimensions	130x130x50
Power Supply	Da 5 a 140 V
Directive Antenna	1 Modules
Protection	IP 67
Interfaces	CAN BUS for expansions and configurations (2A & 2B)

