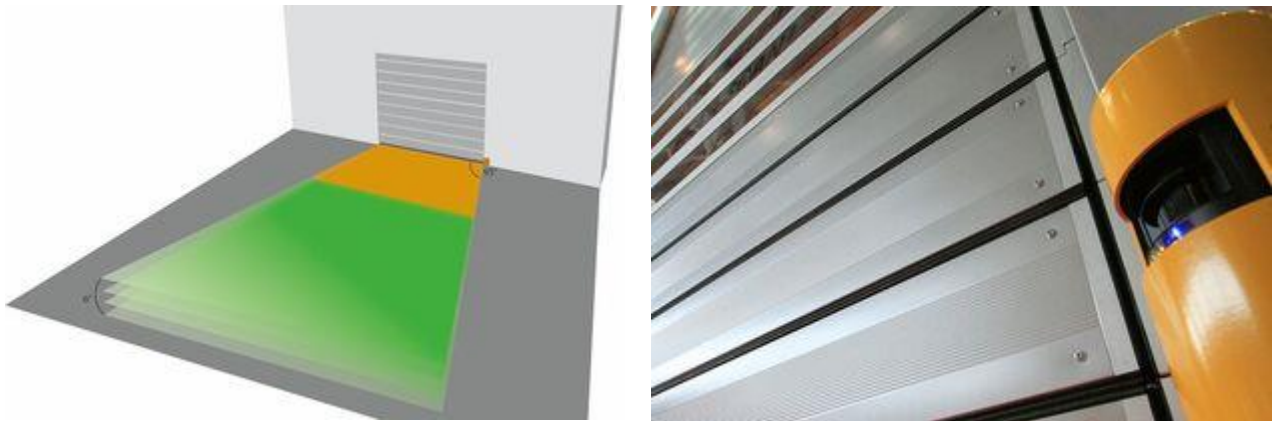


Efascan Overview

Efafalex developed the Efascan bollard, the first laser scanner worldwide for use in a door. The Efascan carries out the tasks of activators and safety systems better than any other technology on the market. The innovation covers the entire area in front of the door – for the first time without missing anything and, by using intelligent direction recognition, it is more reliable than any other technology.

Complex software algorithms prevent triggering during rain, snow and extraneous light. Therefore, Efascan is one of the few laser scanners which are also suitable for being installed outdoors. The innovative laser technology guarantees a uniquely secure, split-second opening of your door.



The Efascan has combined features, it has presence detection, safety facility and activation capabilities. Due to the laser field of view, it can be set to activate in a very set area of the floor space.

With a 10m X 10m range it can cover most of the forefield area in front of a door opening.

It can perceive a pedestrian versus a forktruck, so can be used for activation when a forktruck approaches but not when a pedestrian approaches. However it functions a safety beam for either pedestrian or vehicle irrespective.

Example of usage:

In most cases the scenario where doors receive impacts are when the user (such as a fork truck operator) pause prior to enter the door opening and breaking the door travel safety beams. The door controller continues to autoclose, and the forktruck operator starts to move again, the operator does not see that the door has started closing and the head of the fortruck impacts the fast moving door.

With an Efascan this cannot happen, as it has laser presence and laser motion detectors, as soon as any object gets in its field of view it will maintain the safety and hold the door open. This significantly minimized the chance of accidental impacts with the door.