VISIBLE CROSSING
VISIBLE SAFETY

VisibleCrossing in Smart City

SAFEXONE®

Intelligent pedestrian system

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2024

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MESSAGE FROM CEO

CEO, author and co-founder of VisibleCrossing Ltd. He inspires the team with his vision and perseverance, who bring professionalism and enthusiasm to the solutions that lead to our goals.

László Nagy
CEO Of Company

"Our mission is to increase road safety and reduce the number of fatalities to zero. Whether it's a pedestrian or any vehicle, we work to make sure everyone feels safe on the roads and everyone gets home safely".

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ABOUT COMPANY

On a gray autumn dawn Laszlo Nagy took his wife to work as she drove through a poorly lit zebra in his car. He also wondered if he would notice if a pedestrian was about to cross. Fate responded to the contemplation as he crossed the same crossing back 15 minutes later. The ambulance had just taken care of the seriously injured pedestrian who had been driven away by a car because he had not noticed...

Research to solve the problem soon came to fruition, and 1 year after the laboratory tests, we began testing the prototype under live conditions, which we named SafeXOne.

Until the end of 2019, an intensive development, testing and validation period was carried out, which resulted in SafeXOne being ready for series production, so that sales could start in spring 2020. Since then, the number of crossings where SafeXOne has made crossings safer has reached the order of 100.

Our system has since been enhanced with monitoring and analytics to provide real-time data on all installed locations, which our customers can view from any smart device, and we can also monitor the systems' performance on an ongoing basis.

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Over the years, we have made millions of pedestrian crossings safer and our systems are running smoothly.

Our mission is to protect pedestrians from otherwise avoidable hit-and-run accidents. Our goal is to reduce vehicle-to-pedestrian accidents to zero at designated crossings. This is the last traffic problem where the statistics are not improving but stagnating or getting worse year after year.

We are committed to finding a real solution to this problem through our innovation, technology, social dialogue and consultation with the relevant authorities.

Our improvements are ongoing and are no longer limited to pedestrian crossings, but our focus remains on improving road safety.

We are now present on two continents, in eight countries, with over 100 systems and 0 accident statistics!

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OUR PRODUCT

SAFEXONE® Intelligent pedestrian system

We detect the intention of the pedestrian to cross

Our system reliably detects the intention to pass through the pedestrian crossing. The system will be active, indicating a directional flashing yellow light to drivers. In twilight and darkness, the additional laser light provides increased visibility.

We make the pedestrian visible.

In the zebra area, a plane of light created by a laser is created above the plane of the roadway, which makes the movement, speed and direction of the pedestrian visible. This operating scheme ensures that drivers are not used to signaling the SafeXOne system. In this way, we also prevent accidents due to habit.

Preventing accidents

The ability to detect the unusual and highly visible light effect from a safe distance allows drivers to prepare and stop in front of the crosswalk. This can reduce the number of accidents to zero at crosswalks protected by our SafeXOne system.

The system consists of four posts located on the pavement at the four corners of the designated pedestrian crossing.
The posts are capable of running on solar power alone with the help of additional solar panels, which allows for easy installation and can be installed anywhere.

SafeXOne provides dual protection: on the one hand, a highly visible yellow flashing light on the side of the posts indicates the intention to cross to motorists, and on the other hand, the laser light emitted illuminates the pedestrians' feet as a secondary protection feature while crossing. Unlike other static systems, SafeXOne's visibility system works on a dynamic principle. It is activated only when a pedestrian wishes to cross the pedestrian crossing. The simultaneous "movement" of the flashing light and the laser light can effectively warn the driver of the danger.

This operating scheme prevents drivers from becoming accustomed to general flashing devices and subsequently losing the feature that enhances safe crossing.

SafeXOne® Promotional videos

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Easy installation - Our system can be installed without cutting the asphalt.

Prevents accidents - We make the pedestrian visible, there is no accident.

Accepted by Public Roads - It can be installed to roads managed by Public Roads.

Sustainable - We provide a 2-years full warranty and a 10-years parts supply.

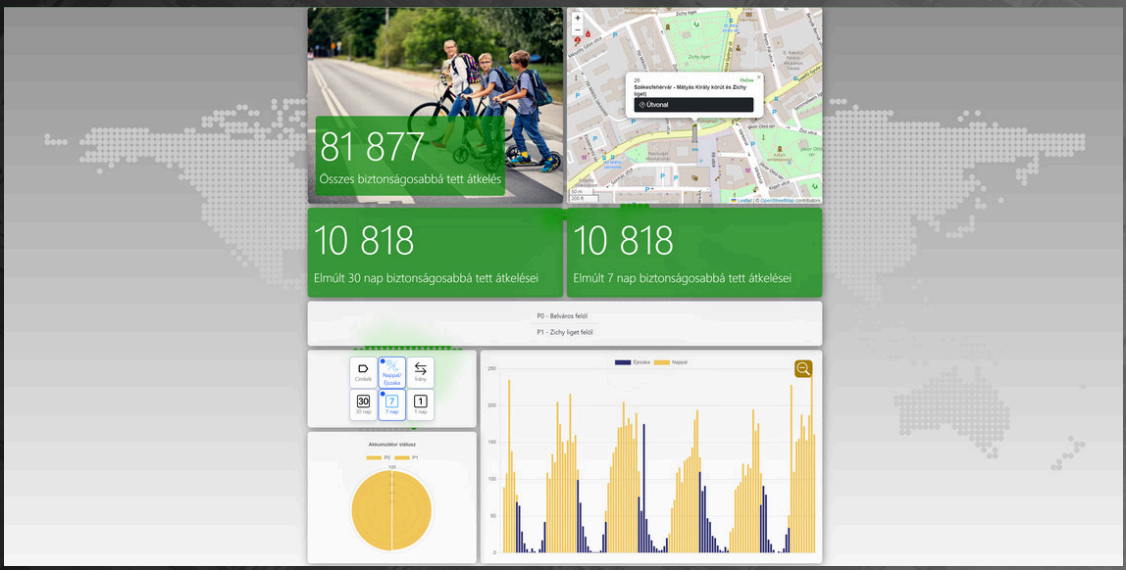
Economical and safety investment - It is more favorable in terms of price / value ratio than traditional solutions, and it is a future-proof investment, which can be further developed.

Can be moved - Powered by solar energy and using wireless communication, SafeXOne is free to relocate at any time.

Fits into Smart City concept - SafeXOne enables accurate pedestrian detection, which provides accurate information about pedestrian crossing habits.

Communication with street lighting - Communicate wirelessly with any street lighting fixture, controlling the intensity of illumination at pedestrian crossings (optional extra).

Continuous monitoring - Our systems use wireless communication to keep you informed of all relevant data.



100% self-developed and manufactured - The SafeXOne system is based on 5 years of R&D work. Our goal is to eliminate the disadvantages of traditional protection systems.

Loved by pedestrians - Active SafeXOne systems are enjoyed by the residents of the settlements.

Blind and partially sighted optional extra - For the blind and visually impaired, additional lighting and a two-tone audible alarm can be added as an optional extra, operated by remote control.

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THE NEW AGE IN THE PEDE

SafeXOne is an innovative pedestrian protect
and ahead of its time!

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Intelligent pedestrian crossing syst

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SOME TV APPEARANCES

M1 News - Hungarian National Television

WDR Lokalzeit Münster - German, North Rhine-Westphalia Television

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TRY IT!

Try how our system would look in your desired location using augmented reality!

SCAN THE QR CODE WITH YOUR PHONE!

SafeXOne®
Pillars 2 m apart

SafeXOne®
Pillars 2,5 m apart

SafeXOne®
Pillars 3 m apart

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SafeXOne®
Pillars 3,5 m apart

SafeXOne®
Pillars 4 m apart

SafeXOne®
Pillars 4,5 m apart

4 m tall pillar with solar panel

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VisibleCrossing Ltd.
Seregélyesi strt. 96.
H-8000 Székesfehérvár,
E-mail: info[at]visiblecrossing.hu

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