

# Intertraffic THE OFFICIAL **AMSTERDAM** **Preview** 2016

International trade fair for infrastructure,  
ITS/Traffic management, safety and parking



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# Iteris focus on safety

Two important safety innovations will be among a range of products and systems on the Iteris stand at Intertraffic Amsterdam. The company developed the first video-based bicycle detection system, SmartCycle, that it claims provides the unique capability of distinguishing bicycles from other vehicles on the road.

Through the use of an Iteris enhanced algorithm, SmartCycle has the capability of making streets safer by extending green times for cyclists when the system knows they are present.

Another product that addresses a serious safety issue is the Vantage Vector which Iteris says is the first video/radar hybrid sensor that can provide detailed dilemma zone detection. The company says this unique product offers both stop bar and advanced-zone detection with a single sensor, and enables advanced safety and adaptive control applications.

At Intertraffic Amsterdam



Iteris will also highlight its heavy involvement in all aspects of the global connected vehicles initiative using its expertise in multimodal planning, design, and systems engineering. As a founding member of the University of Michigan Mcity Leadership Circle, Iteris says it will continue to invest in analysing how connected vehicles and infrastructure will enhance transportation networks of the future.

To that end, the company points out it is entrusted by public and private entities to provide comprehensive traffic management centre solutions which combine key connected vehicle design concepts, multimodal travel options, real-time traveller information, communications, security, and the equipment that detects, collects, and distributes this data.

**Stand: 11.630**  
[www.iteris.com](http://www.iteris.com)

## Lufft to debut two new innovations

Lufft will unveil two new innovations at this year's Intertraffic Amsterdam: the first visibility sensors of a new generation as well as the mobile road sensor Marwis.

The VS2k and VS20k visibility sensors will make their first public appearance at the event. The VS2k sensor has a measuring range of 2km and the VS20k of 20km. They come with many improvements compared to their predecessors, such as a built-in SDI12 interface to ease the network integration and an ASD (Active Spider Defence) module to repel spiders which tended to besiege and block the optics of older systems. In cases where a lens is dirty however, the VS recognises it and this facilitates error detection and correction

enormously. Moreover, the housing is seawater resistant for long-term maintenance-free use.

Lufft's Marwis mobile road sensor has been upgraded. In addition to the existing detection of surface temperature, humidity, water films, ice percentage and friction, it has now been extended with a temperature humidity probe to measure ambient temperatures and relative humidity. According to customers, this was a missing piece of the compact sensor puzzle. Lufft says the additional data allows surface conditions to be compared with ambient ones, helps to fill gaps in weather maps,



improves weather forecasts and is therefore a perfect match for stationary weather sensors. Moreover, it can assist winter services, warn drivers of slippery surfaces and serve as evidence after traffic accidents.

**Stand: 11.532**  
[www.lufft.com](http://www.lufft.com)

## Retroreflectometers from Brazil

Brazilian technology company Easylux will use Intertraffic Amsterdam to show a range of innovative handheld and mobile retroreflectometers that the company claims are the choice of governments, airports and private companies.

One of the products being featured is the new Easylux Mini Retroreflectometer, an innovative handheld solution



that accurately measures the retroreflectivity of road markings, road studs, traffic signs and safety clothing. The company claims that no other retroreflectometer can match the reduced size, low weight, design and performance of its patented Mini Retroreflectometer.

**Stand: 05.458**  
[www.easylux.com.br](http://www.easylux.com.br)

## Talos bollard

Italina company Meccanica Fadini, a specialist in bollards, gate automation and barriers for perimeter security, will launch its new Talos bollard at Intertraffic Amsterdam. The presence of a quick release junction connector improves security standards, facilitating and speeding up electrical connections and making the device quick and easy to install and service. The new Talos bollard features an anti-scratch design, is fitted with an accident prevention rubber joint, has a greater choice of materials, with five heights and three wall thickness values available, as well as post colour customising.

**Stand: 1.534**  
[www.fadini.net](http://www.fadini.net)





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Visit us at Amsterdam,  
Netherlands  
5 to 8 April 2016  
Exhibition booth: 11.532