

Proven product from a new company

Frangible Safety Posts Ltd, established in October 2009, has purchased the intellectual property rights for the Frangible Post System from 3M and will be appearing at Intertraffic.

FSP will immediately be supplying the passive safety market with reinforced composite posts that will carry signs on motorways and other busy roads. The product (as previously commercially developed and marketed by 3M) is designed to be strong enough to withstand turbulent weather conditions but light and flexible enough to collapse on impact, protecting the driver and passengers and causing minimum damage to the vehicle.

When the FSP passively safe 140mm diameter post was independently certified at the UK's TRL it achieved the highest safety ranking awarded to any make of sign post to date: NE:3 status. The post has been designed to meet the European standard for Passive Safety (EN12767).

Stand EF.054 www.fsp-ltd.com



Tested at 100km/h, a traditional steel post (on the left) compared to the Frangible Safety Post, which shatters on impact. The Frangible Safety Post absorbs only a small amount of energy and in so doing prevents the internal trauma to vital organs due to rapid deceleration that can be fatal or inflict serious injuries to passengers.

LED Park

Circontrol, a finalist in the Innovation Awards for its CirCarLife intelligent recharging station, will also be featuring LED Park on its stand. Developed to provide tools to enable parking operators to get optimum efficiency and economy in their facilities, LED Park is a new concept of lighting through LED technology integrated with the parking guidance system. Circontrol says the result is a better image and a more pleasant environment for the users, coupled with a significant reduction in energy costs for the operator.

Stand 03.203 www.circontrol.com



Tried and tested SmartSensor HD

Wavetronix will be at Intertraffic to highlight its SmartSensor HD, which has been extensively tested by respected transportation organisations around the world and is now recognised as a formidable alternative to loops. As a result, the company now has active installations in more than 40 countries, including a recent deployment in Denmark that is the direct result of third-party testing.

According to Mike Rose, VP of Sales at Wavetronix, the Danish test compared several non-intrusive devices to three sets of inductive loop pairs and found that the per-vehicle speed data generated by SmartSensor

HD's dual radar was most accurate.

"Study results show that SmartSensor HD was the only sensor tested whose performance met specified requirements throughout the entire test," Rose says.

Because global acceptance of Wavetronix technologies has led to a year of phenomenal international growth, the company has recently moved its headquarters to a larger facility in Provo, Utah and established offices in London and Australia. These complement its existing offices in China and Florida while the company's worldwide network of authorised distributors continues to expand.



"The Wavetronix exhibit at Intertraffic will celebrate the global acceptance of high-definition radar," Rose says.

Stand 11.529 www.wavetronix.com

Road marking revolution

Borum Industri will use Intertraffic to launch what it claims is a revolution is about to change the face of the road marking industry. The company has developed the LineMaster, a computer system that brings all road marking applications together in one simple solution and makes life easier for road markers.

The computer and software system helps operators control all road marking tasks, from line application and pre-marking to reporting and invoicing. As the company points out, new applications in the road marking industry tends to mean new add-ons to existing machinery. But with the LineMaster, all the applications are brought together in one system and add-ons don't take up extra space.

Johnny Jørgensen, Project Manager at Borum: "What's great about the LineMaster is that it's scalable. New functions, extra software and upgrades can be installed easily using a USB memory stick. And the intuitive interface makes it so easy to use."

Stand 04.112 www.borumindustri.com



Portable traffic lights

Germany-headquartered Peter Berghaus will unveil its latest portable traffic engineering products at Intertraffic. These include the MPB 3400 construction site traffic light with quartz, cable or radio control for simultaneous use of various modes such as request, fixed phase and green on request. Further signal heads can be simply added for controlling alternating one-way or crossroads traffic.

Berghaus will also present its export hit, the MPB 1400 with quartz control for alternating one-way traffic and crossroads traffic. According to the company, users of this multilingual portable traffic light

are guided through the menu as easily as using a TV remote control.

The current portable traffic light controller EPB 12 Multiprocessor will also be featured. A data bus cable connects the master and slave components which are used for direct control of large traffic light crossroads with 12 signal groups and up to 32 signal heads. Optional of 40V lamps or LED technology are available for every signal group.

The Berghaus service partner, AVS Traffic Safety Group, will also be at Intertraffic with the latest addition to the ProTec roadworks safety family: the portable ProTec 160 crash barrier, together with the



proven ProTec 120 crash barrier system.

Stand 01.404

www.berghaus-verkehrstechnik.de