

SOLUTIONS

THE ESSENTIAL QUARTERLY NEWSLETTER FROM SPILLARD SAFETY SYSTEMS



Spillards historic location

Spillard's new offices are in the "Old School" at Gailey on the A5, close to its junction with the A449 at the Spread Eagle Island, which is just a mile west of the M6 at junction 12.

The school was established in 1860 for both boys and girls and was funded by voluntary contributions and small weekly payments. Cricket stumps and Football goals painted on the playground walls are poignant reminders of past pupils games. *(continued on page 1)*



The 'Old School', Gailey.

Safety at the touch of a button

Welcome to the first edition of Solutions, the new quarterly newsletter from Spillard which includes the latest news and innovations from our growing range of solutions tailored for your operations.

The Spillard business is now 12 years old and has been built around providing solutions for a variety of operational problems relating to the use of mobile plant. In fact, our aim has always been to provide solutions rather than selling boxes of safety equipment

I am a great believer in the internet as a free source of information and, as a result, Spillard is launching a new web site which we hope will become a useful reference point for safety related information.



Peter Spillard

This web site will also include the full Spillard range of products and services from visibility mapping, site surveys to safety equipment, & operator seating. We are also considering the possibility of establishing an on-line forum to promote general discussion on safety-related topics - would you contribute?.

We are confident that our renewed focus will enhance the service offered by our dedicated team here in Gailey. We hope our collective experience will prove to be beneficial to

your operation, whether you require a single convex mirror positioned and fitted to provide maximum visibility or a complete operator visibility assessment.

Site surveys and visibility assessments are offered as a free service to the industry and have become popular with OEM's and end users alike. The assessments are one method of identifying potential hazards and offering solutions to minimise the likelihood of accidents.

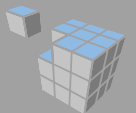
I hope you enjoy reading this first newsletter and would much appreciate any comments, good or bad, you care to make. I would also like your reaction to the idea of an internet forum and whether you feel it would be a useful way to share knowledge.

Introducing Spillards* new brand

The new Solutions branding reflects the establishment of Spillard as the leading provider and installer of safety Solutions for mobile plant & equipment in the U.K. market place

Spillard has developed a unique ability to blend its 14 years experience with a state of the art product range and unrivalled product support to provide bespoke Solutions for our Customers and mobile plant users in general.

Spillard the safety Solutions people.



SPILLARD
safety systems

* "Spillard" is a registered trade mark of Spillard Safety Systems Limited. Optronics, AllRound Vision, VCAS and All Round Alert are Trademarks of Spillard Safety Systems.

Spillards historic location (continued from page 1)

Gailey sits on the Watling Street which was the Roman road from Dover to Wroxeter (near Shrewsbury) which was route centre for Holyhead in North Wales and Cearleon in South Wales. Many Roman remains have been found in the Gailey area adding to the belief that it was the location of a camp, for soldiers on route to the major fort at Wroxeter 30 miles to the west.

In Medieval times Gailey was a busy crossroads when merchants passed by on their way to the wool market at nearby Penkridge. Gailey was also a mustering point for Henry IV's soldiers on their way to a battle against the Kings enemies at Shrewsbury in 1403.

In more recent times Gailey was influenced by nearby canal and rail systems, but it was the popularity of the motor vehicles which left a permanent mark when a number of Gailey's buildings were relocated to make way for a dual carriageway and the Spread Eagle Island.

The Old School was originally purchased by the company in 2001 and sympathetically converted into, modern offices, R&D workshops and warehousing over the intervening years.



Top: The 'Old School' in 2005.
Centre: Original play-ground goal posts.
Bottom: Gailey cross roads pre 1937. Notice the AA man ready to direct the traffic.

For Kier Mining – safety is king.

Reprinted courtesy of Earthmovers

For Kier Mining safety is king. "Safety is number one for us," says Greenburn OCCS works manager Harry Simpson. Central to site safety at Greenburn is visibility.



D400 articulated trucks to Kier's own disposal point where Cat 980G wheeled loaders blend the coal and load it into road haulage trucks and rail wagons.

Opencast mining equipment is big machinery, it's easy to lose a Land Rover from your mirrors when you're in the cab of a 100 tonne rigid dump truck or a 300 tonne face shovel, and even easier to lose sight of a man walking around the machine.

Every piece of plant on the site therefore gets fitted with visibility aids, from convex mirrors to full closed circuit camera systems. And it's quite a fleet of plant. There are three prime movers on the site, a recently commissioned Komatsu PC3000 on backhoe duty and two Demag 255S excavators in backhoe configuration. These are loading a fleet of eight Caterpillar 777D 100 tonne rigid dump trucks and three 777B 80 tonners. The haul roads and tipping area are being maintained by a Cat 16H grader and three D9R dozers.

In addition the site is using a Cat 345 excavator, a 320 and two 325 coal shovels. The coal is being hauled by a fleet of five Caterpillar

The TV systems use the latest Optronics 140mm colour LCD screens, mounted side by side above the main console in the cab. Colour screens offer a big improvement over the old mono screens, as it is much easier to see a fluorescent jacket in colour. The Optronics cameras are equipped with night sight, out to a distance of 10m, which is an essential for a machine working long hours in the depths of winter.

The PC3000 has one camera mounted at the rear of the machine and one to the right hand side, the operator can see down the left hand side of the machine using the convex mirror mounted outside the cab. This combination provides the operator with a remarkably good range of vision around the massive machine, making it easier to operate and safer for all concerned.

Greenburn opencast coal site is situated near Ayr in Scotland. Kier started work there some 16 months ago and at present the excavation is running at around 45m

below the surrounding ground level, though the bottom seams will be found at around 60m down. Kier is working a number of coal seams at Greenburn, with depths from 100mm to 0.5m. There is plenty of work for the heavy plant to be getting on with, shifting a mix of sandstone, shales and mudstone. At present Kier is extracting 12,000-14,000 tonnes of coal every week, the majority of which goes out by rail from its own railhead at the disposal point.



While cameras, mirrors and other forms of vision aid are welcome additions to any piece of plant, they are not always necessary, particularly on smaller kit.

equipment to carry out a risk assessment and decide what they require for their machine in their circumstances. "A belt and braces approach, with cameras and mirrors, is not always necessary," he

believes there is a process of education that needs to be done, both for owners of equipment and for operators. They need to be made aware of the risks and of what is available to combat them.

That said, the company offers a wide range of camera systems, mirrors, proximity radars and movement alarms for a range of industries. Spillard says that the HSE's 'rule of thumb' 1m by 1m system works well, where an operator should be able to see someone standing 1m away from the machine at a height of 1m above the ground. If you can't, then the chances are you might need some sort of vision aid.

by Dan Gilkes

"an operator should be able to see someone standing 1m away from the machine at a height of 1m above the ground"

Pete Spillard, managing director of Spillard Safety Systems, admits that there is no actual regulation that dictates exactly what should be fitted to a specific machine.

says. "In fact sometimes it can be a distraction for the operator."

Despite obviously wanting to sell safety equipment, he adds: "We object to a blanket belt and braces approach, it's detrimental to business." Instead he

He says that it is down to the person running the

Lets meet... Carla



How long have you worked at Spillard? – 3 years

What car do you drive? – Citroen C2

Do you have a nickname? – Carrots

Do you support a sports team? – Wolves

What are your hobbies or interests? – Dancing, shopping and meeting up with my friends.

Where would you hide an elephant? – In my handbag
Taste in music? – Hard Fi /The Magic Numbers/Kaiser Chiefs/Take That.

Do you have a favourite film? – Blade/Pulp Fiction

What was the best year of your life? – As I'm only twenty two hopefully the best are still to come.

What is your most embarrassing moment? – Too many to mention!!

Did you know?

Scratched mirror lens

You can use tee cut to restore scratched mirror surfaces. The reflective material is on the inside surface of a Spillard mirrors lens and therefore will not be affected.



Genuine sticker

Spillard have introduced a genuine sticker to differentiate genuine from inferior copied products.



Refitting Preview

If you need to switch Preview radar equipment between machines, please ensure that the radar head logo design is in a V formation with the cable protruding from its base, as the system is directionally sensitive.



You can receive your next issue of Solution electronically; just send us your email address

Contact us

Spillard Safety Systems Limited,
The Old School,
Watling Street,
Gailey,
Staffordshire ST19 5PR.

Tel: 0870 200 2310
Fax: 0870 200 2910
email: sales@spillard.com

Useful links

Reference

www.yell.com
www.192.com
www.thomweb.co.uk
www.bablefish.co.uk
www.thesaurus.com

Travel

www.theaa.com
www.nationalrail.co.uk
www.streetmap.co.uk
www.multimap.co.uk

Industry related

www.hse.gov.uk
www.operc.com
www.wwt.uk.com
www.cvshow.com
www.sed.co.uk
www.qmj.co.uk
www.demolition-nfdc.com
www.ceca.co.uk
www.citb.co.uk
www.cpa-uk.co.uk
www.rha.net
www.iwm.co.uk
www.quarrying.org
www.qpa.org
www.instofasphalt.org
www.coal.gov.uk
www.resaleweekly.com
www.lighthouseclub.org

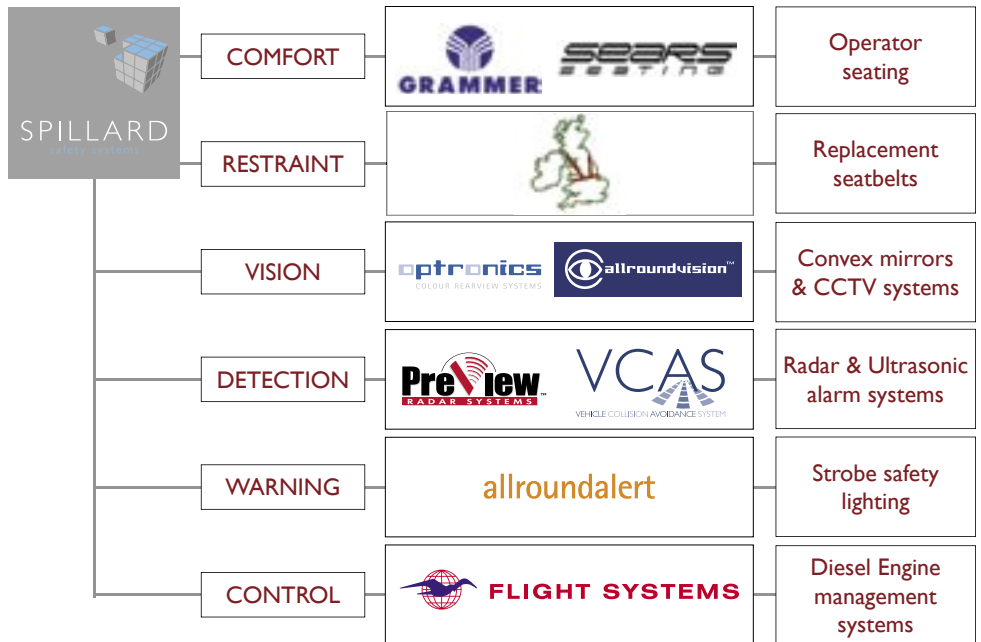
Spillard related

www.flightsystems.com
www.grammer.de
www.searsseating.net
www.preco.com
www.trysome.cc
www.mideast-safety.com

Our services

- Customised solutions for your safety issues.
- Nationwide installation service by our experienced team of in-house engineers.
- Machine visibility assessments.
- Mobile plant safety systems audits.
- Operator seat vibration measurement.

Our product range



Our team

