

2015 set to be 'the year of the PSSA'!

Firstly a happy new year to all!

2014 closed on a high with the PSSA's Annual Conference in London on 11th December. The day was packed not only with informative and interesting speakers (our thanks again to all) but also with an unprecedented number of announcements regarding accelerating progress on many important fronts.

Firstly the Verification scheme is now complete and with an engorged pipeline of companies and products entering the scheme, 2015 will see a strong, comprehensive and useable list of products being published. The concern is now how we resource up to meet demand so I strongly suggest discussing any new applications with our Scheme manager Steve Munden as soon as possible. Congratulations by the way to both Binns Fencing, and Steve Munden on Binns achievement of Verification in a record time. This shows what serious commitment to a properly sorted process can achieve – well done indeed!

Secondly we announced a successful inaugural meeting of PSSA's new Advisory Panel which took place at Olympia during the Transport Security Expo. Members of this include leading specifiers, influencers and end-users (see page 6 showing the logos of our committed supporters) from across the industry. Their objective is to consider the next steps and future direction of the PSSA in its quest to continue raising industry standards. This is a huge task but an initial agenda and direction has been raised and work is ongoing; future bulletins will bring you information on this as it unfolds.

The third large announcement was regarding the launch of the PSSA's new 'Endorsement Programme'. This was successfully trialled at the end of 2014 and is being rolled out during the first part of 2015. This allows specifiers and



Above: PSSA's Annual Conference - 11th December 2014

designers to publicly commit to specifying a PSSA Verified product over non-Verified product wherever at all possible in return for a special relationship with the PSSA and including use of the coveted PSSA logo. A number of commitments have already been made and will be announced in the coming weeks. Importantly this cements the future success of the Verification scheme.

The conference was also brought up to date on many other initiatives including PSSA work on various standards and committees, and increased engagement with other like-minded organisations including NSCC, ADS and DSO. Lastly it was interesting to be able to recount a number of stories detailing how PSSA's influence is starting to be felt globally. This all reinforces the growing feeling that indeed 2015 is the 'year of the PSSA'!

Laurence Goode - Chairman

Introducing our PSSA Newsletter Sponsors - HC SS

HC SS

HC Security Solutions

www.hcsecuritysolutions.com

03 PSSA Member News

Tescon - sliding gate successfully tested



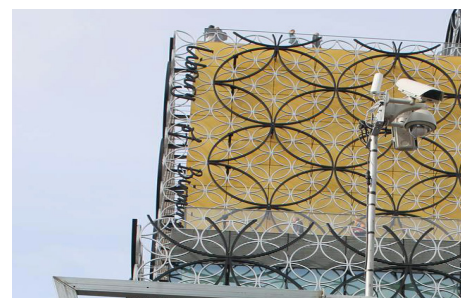
03 PSSA Member News

Successful test for new Heald Mantis



07 PSSA Member News

Zaun buys CCTV Expert



PSSA Member News.



Above: Cova Facilities

Cova Security Gates continuing to invest in their work force

Following a full review of their health and safety program, Cova Security Gates have engaged two specialists in the Health & Safety sector to further their duty of care to all employees.

Alcumus Compliance, a market leading compliance and certification service, now supports Cova Security Gates in managing their exposure to risk and ensuring compliance with the latest Health and Safety legislation.

Alcumus delivers an assessment process and 'Competent Person' service, ensuring site visits and reviews are made and that health and safety risks are kept to a minimum. Alongside this, Cova invested in Alcumus SYPOL, their CMS based COSHH (Control of Substances Hazardous to Health) management system to give an effective way of delivering fully compliant, and task based assessments across the business. Each assessment is individually tailored to meet the needs of a particular person or job specification, from the Service Administrator right through to the Fabricator, each COSHH assessment is reviewed by an occupational hygienist and health and safety consultant.

Human Focus supply tailored health and safety training accredited by RoSPA. This training forms the foundation of Cova's health and safety training program, meeting the National Core Competence Benchmark and used by leading lights in the construction industry. The training is tailored to each job role, ensuring that Cova employees are given targeted training for the tasks they do.

All employees carry training smart cards that give them access to their records wherever they are working, this allows them to demonstrate to clients and main contractors their Health and Safety competence, giving those who Cova work with confidence in their drive for safer working practices.

"As a company, we are proud of the steps we are taking to minimise accidents in the work place and will continue to do so, to ensure that all Cova employees are working in a safe and risk free environment." Jon Trott, Process Compliance Manager.

New Pitches for Wolverhampton Academy

A Wolverhampton academy is enjoying two brand new multi-purpose sports pitches installed by ETC Sports Surfaces using city sports fencing specialist Zaun's products.

The new multi use games area with hockey tarmac and larger floodlit 3G artificial grass pitch (AGP) give students at the North East Wolverhampton (NEW) Academy on Marsh Lane, Fordhouses, attractive pitches on which to play football, hockey, tennis and basketball.

NEW Academy is committed to achieving excellence through endeavour for students from 11 to 18 years. The new pitches will inspire the youngsters to play outdoor sports in a safe enclosed all weather surface area.

The AGP is ideal for private, club and academy use as it needs very little maintenance throughout the year and is less slippery after rain.

Zaun supplied 3m high Duo8 double wire panel sports fencing, with hockey mesh on the lowest 225mm to withstand high velocity hockey ball impacts in place of traditional timber hockey boards.

The highly durable fencing is 'graffiti-proof' and offers high rebound similar to a hard surface that causes balls to bounce back at almost the same angle they strike the fence.



Successful test for new Heald HT1 Mantis 80 Array

PSSA Member News.

At Heald, we believe that everything can be improved and adapted. Our designers and engineers are constantly working on refining our products to make them more secure, more cost efficient, more reliable and more user friendly.

Earlier last year, we launched our HT1-Mantis 80 shallow mount static bollard, which offers a great combination of security, style and flexibility. With an installation depth of just 300 mm it allows high security at sites where deeper excavation is simply not possible.

Research following the introduction of the Mantis 80 has shown that although it can be used as a single, standalone unit (and was tested as such), it is often required for use in an array, to protect a much wider aperture. As such, our team has made some adjustments to the Mantis 80's design to enhance its performance when tested in an array of three units.

The Mantis 80 Array was tested by MIRA to the latest IWA14-1 standard, where it received a rating of IWA14-1: 2013 Bollard V/7200[N2A]/80/90:3.5. This means that it arrested a 7.2 tonne truck travelling at a speed of 80kph. You can view video footage of the test impact on our website; important points to note are that the Mantis Array completely stopped both the front axle and engine block of the vehicle, completely disabling it and that the cab of the vehicle came to rest just a few metres from the bollards.

Heald's Mantis range offers unrivalled levels of flexibility for static bollard installation. Between the Mantis 64 and 80 single units and the new Mantis 80 Array, virtually any site can be secured simply and stylishly.

For more information on Heald's HT1-Mantis range and our other perimeter security products, please visit www.heald.uk.com or call our friendly, knowledgeable sales team on 01964 535858.

TESCON Sliding Gate on Ground Track successfully crash-tested according to PAS 68 :2010 with zero penetration!

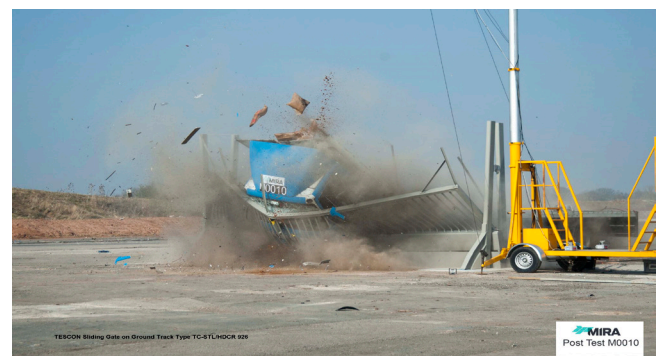
TESCON security systems GmbH & Co. KG from Salzgitte, Germany has expanded the range of impact-tested and certified products according to PAS 68:2010.

An impact test with zero penetration was carried out with TESCON Sliding Gate on Ground Track. This test stipulates an 18 tons truck as test vehicle which requires an additional sandbag load of 700 kg to achieve the test mass of 7500 kg, impact speed 80 km/h.

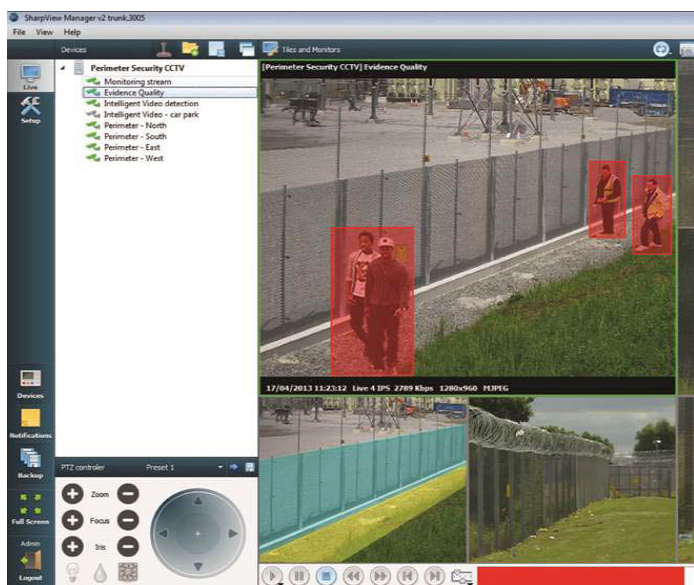
The TESCON Sliding Gate achieved a PAS 68:2010 rating of V/7500(N3)/80/90:0.0/2.6.

Test Observation:

- Vehicle was disabled and un-driveable
- No clear opening was left and follow-on vehicle encroachment was not possible



PSSA Member News.



Above Left: A screen shot from the EyeLynx Zaun RDS SharpView Manager **Above Right:** The deal is signed at EyeLynx's Chessington office

Zaun buys CCTV expert

Fencing manufacturer Zaun has acquired EyeLynx Limited, a specialist developer and manufacturer of video and electronic security solutions. The acquisition enables Zaun to offer complete perimeter security solutions to customers.

The founders of EyeLynx, Jay M Patel and Francisco Feijoo, have delivered comprehensive solutions using their SharpView software and have collaborated with Zaun for more than two years, making the purchase the natural next step forward for both companies.

Zaun co-founder and director Alastair Henman said: 'They are great guys with an exciting product and the synergy with customers is plain to see, so we look forward to helping the tie-up to thrive.'

'We are giving them all the support they need to develop state-of-the-art perimeter protection solutions that integrate with Zaun's fencing products. As well as growing EyeLynx, this moves Zaun towards an integrated perimeter security systems offering.'

EyeLynx, which has offices in Chessington in Surrey and Zaragoza in Spain, has created SharpView, the highest performance system for HD, MegaPixel CCTV. Built-in capabilities for Video Content Analysis mean that SharpView is also the smartest recording and management system in the security industry.

EyeLynx's Pharos system is the only true Rapid Deployment High Definition (HD) surveillance system on the market with Edge Recording Cluster ERCTM capability to incorporate an intelligent recorder, management software and wireless communications all in the same unit. Using the SharpView recording engine, Pharos can accommodate multiple slave PTZ cameras of any make connected into the master.

Cameras record HD 24/7 and whenever the perimeter is compromised or a potential intruder approaches too close to the fence, Pharos will send a snapshot alert to the control centre for visual verification – or even to assigned personal mobile devices, such as the police chief or nearest constable to the breach.

Zaun and EyeLynx have developed a rapid deployment CCTV tower with embedded cabling and an integrated power cabinet in the post base to enable quick and easy on-site deployment without the need for heavy machinery.

With the lowest power consumption in the market, remote connectivity is achieved over wireless 3G or 4G and only the master unit needs a SIM card, which beams the video intelligence to a workstation or mobile device into which anyone authorised can dial-in to view live footage, or rewind and replay from any of the cameras.





Technical Product Assessor
Mike Webb

MIKE'S TECH TIPS

Background

An important issue when testing circuit insulation resistance is to ensure that the test leads are not open-circuited. In some cases this can result in the maximum possible value that can be indicated being unintentionally recorded as the insulation resistance value for the circuit or group of circuits under test.

If the true value for the circuit/s was below the minimum value permitted by BS 7671:2008(+A3 2015) this could result in a risk of an electric shock or even the possibility of a fire hazard. This oversight may remain undetected which could endanger users of the installation, and moreover, the surrounding area.

Best Practice

The insulation resistance measured in accordance with the method given in regulation 612.3.2 is considered fine if the insulation resistance is not less than the relevant value stated in Table 61 of that regulation.

Checking test lead continuity can be achieved by shorting or connecting the test probes or clips together and measuring the resistance of the leads, using the low resistance setting or relevant button on the test measuring instrument. The resistance measured should be the resistance of the leads and connections which should be less than 5 ohms.

To check that the test leads are operating satisfactorily, the continuity checks should be undertaken immediately prior to carrying out insulation resistance measurements and again after the recording of a series of insulation resistance measurements.

Part of regulation 612.3.2 identifies that the insulation resistance measured with the test voltages indicated in Table 61 shall be considered satisfactory if the main switchboard and each distribution circuit tested separately, with all its final circuits connected but with current – using equipment disconnected, has an insulation resistance not less than the relevant value given in Table 61 of that regulation. ©

Mike

60SECOND INTERVIEW

Claire Kelly

Executive Administrator



What does your role in the PSSA involve?

I get involved in anything from the day to day enquiries to exhibiting at exhibitions, organising conferences, attending meetings, taking minutes, and assisting the Secretary and Chairman

What's your vision for PSSA over the next year/ 3 years/ 5 years?

I would like to see the membership grow, with all companies having a certain number of products verified through our verification scheme, proving even more than today, the importance and need for this great organisation.

What's the first thing you would do if you were prime minister?

Well I couldn't move to London and live at 10 Downing Street, but if I could do the job still living in Devon the first thing I would do is make sure that every large and small business along with every home in the UK had super-fast broadband. I would also offer free education so that everyone and anyone could achieve their dream job more easily.

Who would you most like to meet and why?

I think it would have to be Winston Churchill. He was an inspirational statesman, writer, orator and leader. I think I could have learnt a lot from him, but I probably would have given the cigar smoking a miss!!

Current List of Products

Manufacturer/Distributor	Product
ATG Access	SP400 Bollards
Broughton Controls	Defender 941 Barrier
Broughton Controls	Defender 942 Barrier
Cova Security Gates	Miti Gate 10930
Cova Security Gates	Miti Gate 10940
Cova Security Gates	Full Depth Rising Bollard 11840
Cova Security Gates	Shallow Pit Road Blocker 10506
Frontier Pitts	Terra V Gate
Frontier Pitts	Terra Sliding Cantilevered Gate
Frontier Pitts	Terra Ultimate Barrier
Frontier Pitts	Compact Terra Barrier
Frontier Pitts	Terra Blocker
Frontier Pitts	Terra Shallow Blocker
Frontier Pitts	Surface Mount Blocker

Shireland Hall gives new security an A star

A city primary academy has ensured the safety and security of pupils and staff with the very latest in school perimeter security. Shireland Hall Primary Academy in Smethwick, Sandwell, just three miles from Birmingham city centre, has specified 250 metres of 2.1m high HiSec V-Beam around the perimeter of the school on the corner of Montague Road and Edith Road. Zaun added one of the V-Beams to the top of the panels to add rigidity to the perimeter fence and ensure panels do not bow, following discussions with the architect and Birmingham fencing contractor Park Lane Fencing. In addition, 125 metres of Wolverhampton manufacturer Zaun's Duo6 panels have been installed by Park Lane. The primary academy is 'committed to learning together for today and tomorrow' and cites inspirational quotations from the likes of Socrates, Oprah Winfrey, Mahatma Gandhi and Nelson Mandela on its website. The safety and security of pupils and staff has always featured high on the list of priorities for schools. Sadly, random acts of wanton violence and sometimes retribution and an ever more stringent legal responsibility mean safeguarding has become of paramount importance. Vice principal Fiona Wilkes said: 'As part of the Elliot Foundation we are committed to working with children, families and the local community supporting children to be successful learners, confident individuals and responsible citizens. 'So it is brilliant to have a learning environment that feels so safe and secure without it looking like a fortress and we are grateful to Park Lane Fencing and Zaun for making it possible.'

Committed to PSSA

ARUP

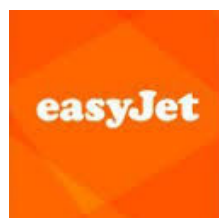
Centre for Applied Science and Technology (CAST)



nationalgrid



YorkshireWater



Below: Zaun added one of the V-Beams to the top of the panels to add rigidity to the perimeter fence



PSSA Member News.

Zaun helps secure Glasgow Games

Commonwealth Games delivery partners looked to the largest supplier of perimeter fencing protection to the London 2012 Olympics to secure Glasgow 2014.

They handed almost £4 million of contracts to integrated high-security perimeter event overlay specialist Zaun to design, manufacture, install and decommission a broad range of temporary high-security fencing systems across the Glasgow 2014 sites, including Tier One venues. Glasgow Games procurers ordered several thousand metres of two of Zaun's principal temporary high-security fencing systems, hundreds of vehicle and pedestrian gates to suit each system and bespoke above ground and system-mounted CCTV columns incorporated into the fencing lines.

Zaun's first involvement came in 2008, shortly after Glasgow was announced as the winning city. After many months of informal discussions with the games interested partners, Chris Plimley, Zaun's High Security Systems Sales Manager, worked together with the bid teams of the potential delivery partners who answered the ITT. Selex ES, the Finmeccanica subsidiary, was awarded the prestigious contract in 2013 as the Protective Perimeter Security provider for the Glasgow 2014 Games and shortly thereafter appointed Zaun. Selex ES provided a wide range of physical security measures to secure over 20 Games venues at Glasgow 2014, including the Commonwealth Games Village for athletes.

The Commonwealth Games are international, multi-sport events held every four years for athletes from Commonwealth nations. The Commonwealth is an association of independent sovereign states spread over every continent and ocean. The Commonwealth's two billion people make up 30% of the world's population and come from many faiths, races, languages, cultures and traditions.

The Glasgow 2014 Commonwealth Games brought together thousands of elite athletes, friendly volunteers and excited spectators to join an incredible festival of sport and culture. Zaun supplied several thousand metres of its MultiFence and award winning RDS systems at heights of 3m and 2.4m, with sections fitted with Hostile Vehicle Mitigation (HVM) enhancements. Zaun developed its PAS 68 MultiFence especially to resist hostile vehicle and mob attacks at the London 2012 Olympics. MultiFence has been granted a patent by the UK Intellectual Property Office.

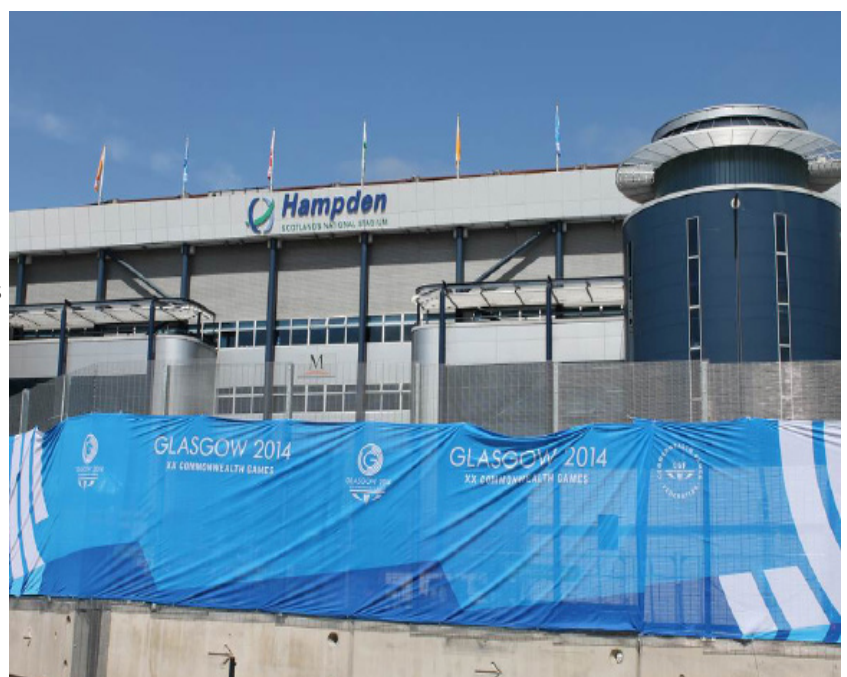
Plimley said: "MultiFence was chosen because of the very cramped footprint around most Games venues and the ultra tight timescales for installation and post-Games removal. Also, we have gathered vast amounts of experience in delivering time critical projects, and MultiFence can be upgraded with a temporary HVM measure without the need for foundations."

Zaun delivered almost 5km of HVM fencing to secure temporary Olympics venues including the beach volleyball at Horse Guards Parade, Wembley Stadium and Arena, Greenwich Park, the O2 Arena, the Royal Artillery Barracks, St James's Park Newcastle, Coventry's Ricoh Arena and the Weymouth sailing village.

Zaun also worked with Olympic Park contractor Skanska and stadium contractor BAM Nuttall to secure the 20km boundary of the main Olympic Park, with a further 1.5km of Zaun fencing providing a 'ring-within-a-ring' around the Olympic Stadium.

The Glasgow 2014 Commonwealth Games was the latest global event to entrust the security of its stakeholders to Zaun. As well as the extensive use of its systems at London 2012, the UK manufacturer has supplied The English Football Association's training centre at St George's Park, Meydan Racecourse in Dubai and the 2013 G8 Summit in Northern Ireland.

Zaun installed 13km of fencing for the UK's largest ever police operation involving 9,000 officers from 29 of the UK's 43 police forces for the two-day NATO Conference at Newport's Celtic Manor and key sites in Cardiff last September.



DIARY DATES

UK

Security & Policing 2015

10th - 12th March 2015
FIVE, Farnborough

Counter Terror Expo 2015

21st - 22nd April 2015
Olympia, London

IFSEC International

16th - 18th June 2015
ExCeL, London

Overseas

Critical Infrastructure Protection & Resilience Europe Conference & Exhibition

4th - 5th March 2015
The Hague, Netherlands

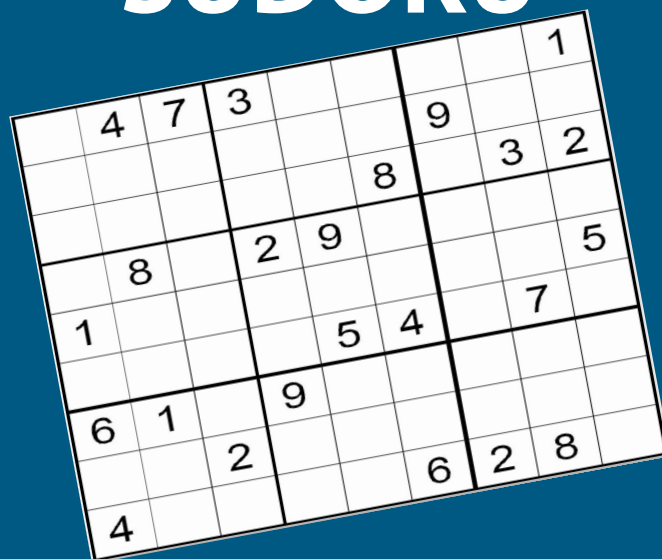
The International Exhibition for Security and National Resilience

12th - 14th April 2015
Abu Dhabi International Exhibition Centre, United
Arab Emirates

WE WANT YOUR **NEWS** AND **VIEWS!**

We welcome suggestions and feedback on this newsletter, and encourage any stories or news that you have. You can feedback to **Claire Kelly** at admin@pssasecurity.org.

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Avon Barrier Company
Barkers Fencing Ltd
Bavak Security Group
Binns Fencing Limited
Bristorm, Hill & Smith Ltd
Cova Security Gates
Eagle Automation Systems
The Expanded Metal Company

Extrudakerb (Maltby
Engineering) Ltd
The Fencing Partnership Ltd
Fensec Ltd
Frontier Pitts Ltd
Geoquip Worldwide
Hardstaff Traffic Barrier
Services Ltd
Heald Ltd
Hesco Bastion Ltd
Highway Care

J B Corrie & Co Ltd
J&S Franklin Ltd
Marshall's Street Furniture
Mira Ltd
Powersafe Ltd
Securiscape Ltd
Tata Steel Projects
Tescon
Townscape
TRL
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