

NEWSLETTER Issue 5

Chairman's Message: Verification Scheme Progress and Credibility Boosted

The recent constitutional changes regarding mandatory uptake of Verification by PSSA members have really boosted the schemes progress.

The initial aim, to have a substantial part of our industry included in the scheme is now well underway; many members are now working hard toward Verification with a strong pipeline of expected announcements to come over the next few months.

This news has also boosted credibility with the industry with a number of specifiers and consultants now committed to choosing Verified over non-Verified products and services wherever possible.

As Gary Heward of MFD International has stated; "our industry has needed this for a long time, and as we can now see the Verified list achieving a useable size we look forward to being able to specify from it".

The news has also created a stir internationally with the steady stream of offshore Verification enquiries on the rise, including requests to franchise or run the scheme locally in several other countries.

Success is now in our hands. A big thanks to our members for their efforts and urge achievement of Verification as quickly as possible for the benefit of all.

Laurence Goode



PSSA Notice of 2014 AGM

The Annual General Meeting of the Perimeter Security Suppliers Association will be held on Thursday 11th December 2014 at the London Chamber of Commerce and Industry (LCCI), 33 Queen Street, London EC4R 1AP.

The Agenda will include:

- Chairman's Report
- Financial statements
- Membership subscription rates
- PSSA Programme 2015

Members are urged to attend to ensure that their views and requirements are taken into account in setting the Association's plans and activities. For details of sponsorship packages available and/or to pre-register, email: admin@pssasecurity.org.

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Above: Ardenleigh secure mental heath unit

Ardenleigh reopens for troubled teenagers

One of only six adolescent forensic psychiatry in-patient units in England has reopened its wards to young people with glowing praise for the project team who performed the £3.5m redevelopment.

Ardenleigh secure mental heath unit in Erdington, run by Birmingham & Solihull Mental Health NHS Foundation Trust, has moved into the new, stateof-the-art building up to 18 young adults who are suffering from complex mental health problems.

The redevelopment led by main contractor E Manton upgraded the decade-old unit on the same site, providing 18 ensuite bedrooms, lounges and dining rooms in three wards all separated by a central hub and staff rooms for ease of observation of wings. The wards are called Atlantic, Pacific and Adriatic to reflect a calming ocean theme.

Security was paramount given the nature of the young people on site, who might pose a significant risk to themselves or to others. High-security perimeter fencing expert Zaun was appointed to design and install the fencing solutions at a cost of £100,000. They supplied almost 200m of their HiSec fencing in different heights, reflecting three different categories of security rating.

Internal fencing, and that surrounding a ball court and enclosing outdoor stairways, was just 2.4m or 3m high. But perimeter fences ran to 5.2m in height and were buried in a concrete sill for added security.

Zaun also installed aluminium sheeting on some of the boundary fencing to provide privacy to the inpatients and to prevent them from being distracted by events beyond the hospital.

Zaun's HiSec uses the '358' welded mesh to repel would-be intruders. The close 76.2 x 12.7mm mesh means that it is almost impossible to climb, and is very difficult to cut with anything other than power tools. Hence why the Home Office uses it for prison perimeters and other secure sites such as Ardenleigh.

It is also increasingly specified on schools, where pupil safety is paramount as good through visibility means staff can easily see what's going on on the other side of the fence, but the mesh is so fine that items can not easily be passed through.

NEWS IN BRIEF

Technical Forum at TRL

Since participation in the PSSA Verification Scheme became a condition of membership, unsurprisingly, there has been an increase in the number of requests for more information and help to achieve certification for products and services. To meet this need, the PSSA are arranging a Technical Day at the new TRL facility in the new year. Subjects covered will include:

- How to achieve verification
 - Forthcoming changes to ISO management system standards & how to upgrade your management system
- Technical File workshop an interactive session to ensure that you can meet regulatory requirements

Among the guest speakers will be lan Rosam of HPA, our elected certification body, who represents the Chartered Quality Institute on ISO TC 176, the committee responsible for ISO quality management standards. If you have any particular items that you would like to be addressed during the day, please contact smunden@pssaverification.com More details and date confirmation to follow.

CPNI Catalogue of Impact-Tested Vehicle Security Barriers to be made available to PSSA Members

As many in the industry will know, CPNI maintains a list of impact-tested products which is used as a reference in security equipment procurement. Business Keys Ltd has now agreed a Memorandum of Understanding with CPNI which will allow the Catalogue to be made available, under specific security arrangements, to PSSA Members, for their use only. Arrangements for the provision of the Catalogue are currently being made and details will be sent to Members shortly.

PSSA Member News.



Above: Frontier Pitts Terra Manual Barriers and Terra Sliding Cantilevered Gates

Frontier Pitts - Meeting the Challenge

As the British Manufacturer of Security Gates and Barriers, Frontier Pitts has yet again met the demanding challenges of a Hostile Vehicle Mitigation installation in a volatile country. This latest accomplishment provided anti-terrorist security equipment to the Oil Fields of Southern Iraq, which consisted of 25 Terra Manual Barriers and 18 Terra Sliding Cantilevered Gates. Both of these products are from Frontier Pitts Anti Terra portfolio and have been successfully impact tested in accordance with the British Standards PAS 68 specification.

The Rumaila Oil Fields in Southern Iraq are estimated to contain 17 billion barrels of oil, which accounts for 12% of Iraq's oil reserves. The Terra Manual Barriers installed are manually operated by the Security Guards and provide traffic control. These are backed by our shallow foundation Terra Sliding Cantilevered Gates, which provide the ultimate level of defence, with the capability to stop 7.5t travelling @ 50mph.

Frontier Pitts were specified for the project by National Security Consultants who required not only a product, but an integrated turnkey security system, manufactured and installed by a specialist renowned for its British Engineering prowess. The project specification required a quality product which had been created under an audited BSI (British Standards Institute) Quality Management System, whilst also complying with the stringent criteria of the British PAS 68 impact test program. This publicly available specification, which has become the security industry's benchmark for HVM equipment, is sponsored by the UK Government's Centre for the Protection of the National Infrastructure (CPNI) and requires the vehicle security barrier to stop a higher kinetic energy than that of its US's ASTM counterpart.

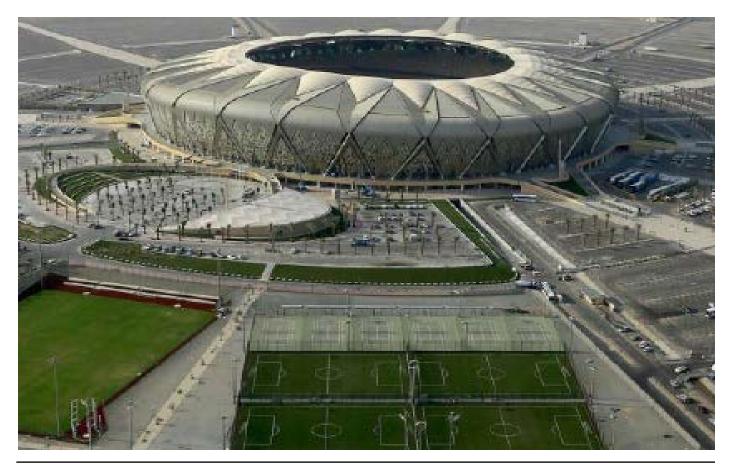
The PAS 68 and CWA 16221 Terra Sliding Cantilevered Gate was successfully impact tested with a 7.5t vehicle travelling at 50mph. On impact, the gate stopped the vehicle within the aperture. The gate leaf is constructed with a Heavy Duty Crash Impact Beam and Heavy Duty posts support the gate leaf. The Cantilevered Gate requires no track or support across the roadway, therefore no roadway excavation needed. The balance is provided by a unique enclosed "runback", which enables the gate to be fully projected across the roadway without the risk of tipping.

The HVM Gate is available in widths up to 6m, with shallow foundation depths of only 500mm required. It is designed for ease of installation and maintenance. Frontier Pitts custom build all gates to our unique specification, allowing architects and designers to integrate HVM security equipment into any design architectural design.

"With the PSSA Verification, the Terra Sliding Cantilevered Gate has become a best seller in overseas markets" says Sally Osmond, Brand and Development Management of Frontier Pitts Ltd. "Indeed the HVM Gate has also been very popular in the UK market with installations at high profile Utility sites, datacenters, cash centre's, government buildings, Embassies and prisons".



Above: Frontier Pitts Project Manager



Above: The King Abdullah Sports City (image taken by Akhbaar24)

Townscape provides perimeter protection to Saudi Arabia's \$507million 'jewel'

British street furniture manufacturer, and new member of the PSSA, Townscape Products Limited, has supplied Saudi Arabia's newest international sports facility, King Abdullah Sports City, with its expert hostile vehicle mitigation (HVM) system.

Townscape consulted with the Saudi Arabian based contractors, MSIX, Samsung SDS and Light Weight Building Company, to ensure the world class sports city is safeguarded from vehicle borne terrorist attacks. 600 of Townscape's PAS 68 Counter Terror (CT) Blocks were manufactured locally under an international licencing agreement and installed as part of a £1.2million contract.

Known as 'the jewel in the desert', and estimated to cost \$507million, the 60,000 seat sports facility boasts the Kingdom's first FIFA

Below: Townscape CT Blocks installed during the consruction of the King Abdullah Sports City, Saudi Arabia



standard football venue, a 2,000 seat multi-purpose indoor stadium and a 1,000 seat athletics pitch alongside a Mosque, hotels and sports hospital. It will also be home to Saudi Arabia's two Premier League Football Clubs.

Jonathan Goss, managing director of Townscape, said: "The King Abdullah Sports City is one of the most exciting developments in the Middle East which will attract thousands of visitors each year. It's a world class attraction which requires world class perimeter protection.

"CT Blocks are used at many of the UK's major airports and leading tourist attractions and the team behind the King Abdullah Sports City were adamant the international venue achieved the same industry leading protection. It is an honour that Townscape's HVM range has been recognised on an international level as the leading perimeter security solution." CT Blocks for the UK and European markets, are manufactured at Townscape's Sutton-in- Ashfield factory, each weigh in at 2.2 tonnes and are made using a special mix of aggregates designed for ultimate strength. The CT Blocks only require minimal groundwork due to their low profile foundation, making them cost effective to install without compromising security. The blocks are positioned where a building is vulnerable to vehicular incursion and meet the PAS 68 standard for vehicle immobilisation.

Townscape's integrated HVM range, which included blocks, bollards, barriers and planters has been designed to give an aesthetically pleasing solution, fitting into the landscape surroundings.

The King Abdullah Sports City was officially opened by King Abdullah in May 2014 and is located 60km from Jeddah.



BS 7671: 2008

Requirements for Electrical Installations: IET Wiring Regulations. Seventeenth Edition

For those of you who receive the PSSA Quarterly Standards Update bulletin, we notify you of a number of standards that you should be considering when designing/manufacturing your products in order to meet the European Essential Health & Safety Requirements identified in the relevant "New Approach Directives".

We highlight those documents that are subject to amendment and of importance in order for you to maintain satisfactory compliance and meet PSSA product verification requirements. The list is not exhaustive and no doubt you will have your own standards register with additional documents listed.

One standard, which we mentioned in the last edition of the PSSA Newsletter, is unique to the UK, the much used British Standard BS 7671:2008 Electrical Installations. This is an important standard when considering design & installation of electrically controlled equipment.

Work on a 3rd amendment has gathered speed in the last few months and a final version is due to be published on the 1st January 2015.

Some of the expected changes include:

- The definition of a competent person is to be replaced with "instructed person (electrically)" and "skilled person (electrically)". These are designed to highlight the different skills levels of each operative on site. This is particularly important to those of you who identify the "skilled person/s" who are permitted to install your products on site and identified in both your operations & maintenance manuals. Your technical files should be reviewed and amended to reflect this change.
- Change in the Zs values reflecting the voltage range that can be expected at the time of test.
- Detailed risk assessments to be carried out if there is a justification for not having a circuit or socket outlet RCD protected.

ALL contractors will need to become fully aware of the changes.

Use of forms recognised by BS 7671 for Certifying and Reporting

BS 7671:2008 Chapter 63 requires three forms to be used for certifying and reporting on electrical installations. The relevant form, duly completed, should be issued to the person ordering the work to provide information on the installation.

Electrical Installation Certificate (EIC)

Regulation 631.1 requires an EIC (including a record of the inspection and the results of testing) to be issued upon completion of the verification of a new installation or additions and alterations to an existing installation.

Minor Electrical Installation Works Certificate (MEIWC)

Regulation 631.3 permits a MEIWC to be issued instead of an EIC upon completion of the verification of minor electrical installation work that does not include the provision of a new circuit.

Electrical Installation Condition Report (ECIR)

Regulation 631.2 requires an ECIR (including a record of the inspection and the results of testing) to be issued following the periodic inspection and testing of an existing installation in accordance with Chapter 62 of BS 7671:2008.

PSSA members should take note that when completing a certificate of conformity and identifying BS 7671: 2008 as one of your key standards you should have this evidence available in your product technical file.

Mike

Any technical queries regarding the PSSA Verification Schemes and Standards bulletins, please contact Mike at mike.webb@pssaverification.com

NEWS in brief

Verification Scheme Q and A

Q: Can I submit non-'PAS 68' products for Verification? A: Yes, of course! The PSSA Verification Scheme has been designed with few rules and maximum flexibility. Products can include all types of Vehicle Security Barriers, High Security Fencing Systems, Pedestrian Gates & Turnstiles and Installation services. It is recognised that, in addition to CNI, PSSA members' products protect a wide range of commercial & industrial sites, not all requiring vehicle impact testing as part of their performance specification.

PSSA Programme of Events expands

Transport Security Expo – 2nd-3rd December 2014 – Olympia, London. Come and see us on the PSSA stand (J15). **PSSA Annual General Meeting** – Thursday 11th December 2014, London Chamber of Commerce & Industry, 33 Queen Street, London.

We are also planning a 'sales managers' event to address marketing & sales issues, including:

- How to leverage your PSSA certification to achieve more sales
- How to use the PSSA Verification Mark & what not to do with logos & trade marks, such as CPNI's trade mark
- Performance claims
- How to protect PSSA branding & trade marks & what to do if you identify a breach

Would Members interested in this event please notify Claire at admin@pssasecurity.org and let her know of items that would make the event a "must attend" for your marketing & sales staff.



Zaun toppings combat prison riots

A British fencing manufacturer located a stone's throw from the scene of a 'full-scale prison riot' earlier this year has introduced a range of high-security fence, wall and roof toppings to provide enhanced intruder protection for secure establishments and buildings.

A prison officer at England's largest prison, HMP Oakwood, near Wolverhampton, told BBC Radio 4's The Report programme there had been a 'full-scale prison riot' after G4S, which runs the prison, described the incident as an incident of "concerted indiscipline" by 15 to 20 prisoners. The officer, who went inside to tackle the violence, told the BBC many more inmates had been involved and they took over an entire wing of the jail.

Perimeter protection systems manufacturer Zaun, whose headquarters is just three miles nearer Wolverhampton, has introduced a series of toppings to prevent inmates – or indeed intruders or patients – scaling fences or gaining access to rooftops at secure institutions.

The Mesh Anti-Climb Topping (MACT) system is see-through and installed in sections, providing clear line-of-sight for CCTV systems and, more prosaically, so blockages, for instance from wind-blown leaf build-up, can be seen and easily cleared.

MACT can be installed in conjunction with CCTV, PIDs and infra-red alarms and, as standard, includes a wire alarm to alert of any attempt to scale the system. It uses the barrel concept, but instead of sheet metal, the tube section is made of anti-climb mesh.

The Flexible Steel Topping (FST) system is fully tested for use in UK high security prisons. At the heart of FST is a steel mesh arch, curved back over the top of a steel fence, fixed to a flexible steel bracket that is designed to move when people try to climb it. Barbed tape is the most common form of protective topping, in either straight wire or spiral concertina, providing both a highly visual deterrent and resistance to intrusion. Zaun also offers electric fence toppings for some of the country's key infrastructure sites, creating a powerful physical and psychological addition to secure fencing systems

60SECOND INTERVIEW

Roger Knight Development Manager



What does your role in the PSSA involve?

ATG Access are a member of the PSSA and I contribute to the technical forums with input to technical issues and problems that the industry face and how best to overcome them.

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

In 3 years' time the PSSA should have the same impact in product selection as PAS68 did, in 5 years' time all HVM will be well engineered to support clients who have a vested interest in life cycle and life cost of products.

What exciting developments/projects have ATG Access been working on?

ATG have recently supplied to Sydney Opera House a special Bronze Version of the Tele-Tele using some Bronze Castings and matching component to support an Architectural desire on a very high profile site.

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

Fair Taxes (shouldn't take long).

Who would you most like to meet and why?

Bruce Lee, very interesting and so much speculation about his ability.

PSSA Member News.



Above: Tata Steel supplied HVM products to the London 2012 Olympics

Tata Steel – back with a bang!

There is no doubt that the London Olympics was extremely successful for Tata Steel's Surface Mounted Products, however there was a slight downside. After the Olympics there was a glut of second hand product unofficially distributed on the UK market for HVM products.

Rather than compete with our own products Tata Steel took the decision to use this time to test new manufacturing processes for the unique 'Bi-Steel' material. This was driven in an attempt to be able to carry multiple operations within our manufacturing facilities and so reduce overheads and lead times.

Initial tests on the new 'Bi-Steel' proved successful and so several of the products were taken for full dynamic testing.

These tests went off like a bang (literally) and were also successful and so allowing Tata Steel Projects to be able to re-launch many of the products, maintain the same performance specification whilst introducing several enhanced features across the range...

So any rumours of the demise of Tata Steel's HVM range can now be firmly exploded!

NEWS IN BRIEF

HS2 on Track with Supplier Days

Security will be one of the key considerations for the biggest UK project currently in the construction pipeline - High Speed 2 (HS2). With a budget of £42.6 billion for 350 miles of track, phase one will take place between 2017 and 2026. The project is part of the government's response to the doubling of rail passenger numbers from 750 million to 1.5 billion journeys a year over the last 20 years and the prediction that rail freight volumes will be 120% of current levels by 2030. The PSSA has received a briefing on the project from John Carroll, Head of Construction and Logistics (Hybrid Bill team), HS2 Ltd. The follow up is that HS2 will be holding two supplier days on 17th October (in London) and 23rd October (in Manchester).

Attendance is free of charge – to find out more go to www.hs2.org.uk/supplychainconference 2014.

IFSEC Arabia Targets Growing Market

The organisers of IFSEC Arabia (2-4 November in Riyadh) expect over 120 international exhibitors and 7,000 visitors at their Security, Fire and Safety event for Saudi Arabia, run in partnership with the Ministry of Interior and Higher Commission for Industrial Security and sponsored by Saudi Aramco, Ma'aden, Sabic, ACWA Power and the Security Control Company. The UKTI High Value **Opportunity (HVO) Programme has** up to 10 live projects in Saudi Arabia alone covering various sectors including transport, utilities, oil & gas, healthcare and education making it one of the most lucrative markets in the world at present with a \$400bn 5-year spending programme. Now is the last chance to book your space in the UK pavilion. The discounted cost of stand space is \$495 per m² - contact Richard.Mackintosh@ubm.com.

UKTI Corner

Following on from the feature on UKTI in the last issue of the PSSA Newsletter, the PSSA will endeavour to share with you regular news and country fact sheets from UKTI for markets around the world.

Defence and Security Opportunities - The USA

Why this market is important The world's biggest defence and security market and the UK's second most profitable defence market. Significant UK investment in the US defence industrial base with established suppliers to the US Department of Defense (DoD). Strong bi-lateral links and good UK representation at official level providing assistance to companies looking for new business opportunities. UK industry continues to do well in the US compared with other offshore suppliers, particularly at the sub-contract level.



Defence and security opportunities With its huge domestic industry capability, the US sources most of its defence equipment from US based companies. But there are significant opportunities for offshore suppliers at the sub-contract level to supply avionics, sub-systems and components, and to satisfy niche requirements in areas such as CBRN, communications, soldier equipment, and armaments.

In the aerospace area some platform requirements including helicopters, air tankers, transport aircraft and jet trainers also present opportunities for offshore companies to offer competitive, leading-edge products in partnership with US industry. Outsourcing is another potential business for UK companies with a proven track record as service providers and which have, or are prepared to invest in, a US presence. In the security domain, the US Homeland Security programme and the requirements of US enforcement agencies, Coastguard, Infrastructure, Transport and Cybersecurity offer many opportunities for UK security companies with innovative technology.

Find out more! Go to https://www. gov.uk/government/uploads/system/uploads/attachment_data/ file/283309/UKTI_DSO_Market_ Brief_USA.pdf

UKTI - Helping UK Companies to Export

The UKTI Defence and Security Organisation has recently published a guide to help UK defence and security companies to achieve success. The guide can be found at https://www.gov.uk/government/publica-tions/ukti-dso-helping-uk-companies-to-export

UKTI has a business opportunities service for which companies can register at http://www.businessopportunities.ukti.gov.uk

Contact: David Lines, Assistant Director Support to Business. david.lines@ukti.gsi.gov.uk

Perspectives on Perimeter Security - PSSA AGM and Conference

The 2014 PSSA AGM and Conference will be held on Thursday 11th December at the London Chamber of Commerce & Industry, 33 Queen Street, London EC4. The theme of the day will be "Perspectives on Perimeter Security". The programme will be a combination of a PSSA "Members Only" session and general presentations from outside experts. The event traditionally attracts between 75 and 100 attendees of suppliers, specifiers and government agencies. For details of sponsorship packages available and/or to pre-register, email: admin@pssasecurity.org.

Nineteen Events and the PSSA Team Up for Transport Security Exhibition

The PSSA is delighted to be partnering with Nineteen Events for the forthcoming Transport Security Expo.

The partnership with Transport Security Expo, especially with the addition of the Major Events Security feature, gives the PSSA the exposure and the opportunity to inform clients and end users about the benefits of using member companies.

"We are delighted to partner with PSSA for our expanded Transport Security Expo (TRS) this year. Our association with PSSA reflects our continuing commitment to provide a valuable commercial forum for perimeter security companies and we are pleased that PSSA members are taking up the opportunity to exhibit at TRS in December.

The event will have a special PSSA trail making it easier for the thousands of international visitors to easily pinpoint PSSA member companies, and the event also plays host to a special closed CPNI briefing where PSSA member companies' activities at TRS will be highlighted. With the addition of a suite of additional new initiatives at the event - a Live Demo Theatre, an Innovations Hub and two new conferences - and in its new home at Olympia National, TRS looks set to be a significant global destination for business, and our partnership with PSSA can only strengthen the event's appeal to the international buyers in attendance". Peter Jones, Chief Executive, Nineteen Events (producers of TRS).

Members interested in exhibiting should contact Monica Luis on 020 8947 9177 mluis@nineteen-events.com. And full event details are at www.transec.com

CPNI will be hosting a two day industry conference in North London, 18th - 19th Nov. Invitations to PSSA members will be sent directly to them or through PSSA.

DIARY DATES

Book a Table at the IFSEC's Security & Fire Excellence Awards 2014 - 27th November 2014

Every year, over 1,000 of your industry's foremost practitioners gather at London's prestigious Hilton Hotel on Park Lane to recognise and honour the magnificent achievements of their peers. Book Your Tables Online TODAY.!

http://www.securityexcellenceawards.co.uk/tickets.php

UK

Transport Security Expo 2014

2nd – 3rd December 2014 Olympia, London http://www.transec.com

Security & Policing 2015

10th - 12th March 2015 FIVE, Farnborough http://www.securityandpolicing.co.uk/

Counter Terror Expo 2015

21st - 22nd April 2015 Olympia, London http://www.counterterrorexpo.com/

Overseas

Euronaval 2014

27th - 31st October 2014 Paris, France http://www.biztradeshows.com

Alarm Kielce 2014

November (2014) Kielce, Poland http://www.eventseye. com

Expoprotection

4th-6th November 2014 Paris Porte de Versailles, Franc http://www.expoprotection.com

PSSA Goes All Social Media

Tweet tweet! We are pleased to announce the launch of the PSSA's new Twitter and LinkedIn pages.

Follow us for all the latest industry and association news:

Twitter: @PSSA2014 LinkedIn Company Page: PSSA – Perimeter Security Suppliers Association

PSSA Contact Details:

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Executive Administrator Claire Kelly

PSSA's website www.pssasecurity.org

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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.**

PSSA Members:

Allens Total Perimeter Security ATG Access Ltd Avon Barrier Company Barkers Fencing Ltd Bavak Security Group Binns Fencing Limited Bridgeway Engineering Bristorm, Hill & Smith Ltd Broughton Controls Ltd Cova Security Gates Eagle Automation Systems

The Expanded Metal Company Extrudakerb (Maltby Engineering) Ltd The Fencing Partnership Ltd Fensec Ltd Frontier Pitts Ltd Hardstaff Traffic Barrier Services Ltd Heald Ltd Hesco Bastion Ltd Highway Care J B Corrie & Co Ltd J&S Franklin Ltd Marshalls Mira Ltd Securiscape Ltd Tata Steel Tescon Townscape TRL Vale Security Solutions Zaun Ltd

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