

WHAT'S THE SCORE

www.score-group.com

October 2016

Score's Latest Innovations for ONS Stavanger, August 2016, driving :-

- Safety Performance Assurance
- Operating Cost Reductions
- Asset Integrity Management
- Reliability Centred Maintenance
- Production Uptime Maximisation
- Maximised Operating Profits



ONS
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**Northern
Star 2016
Business
Awards
Winner**

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The bi-annual Offshore Northern Seas (ONS) exhibition took place on 29th – 31st of August in Stavanger, Norway. The Score Group was well represented with staff from Score A/S, Diagnostics and Europe.

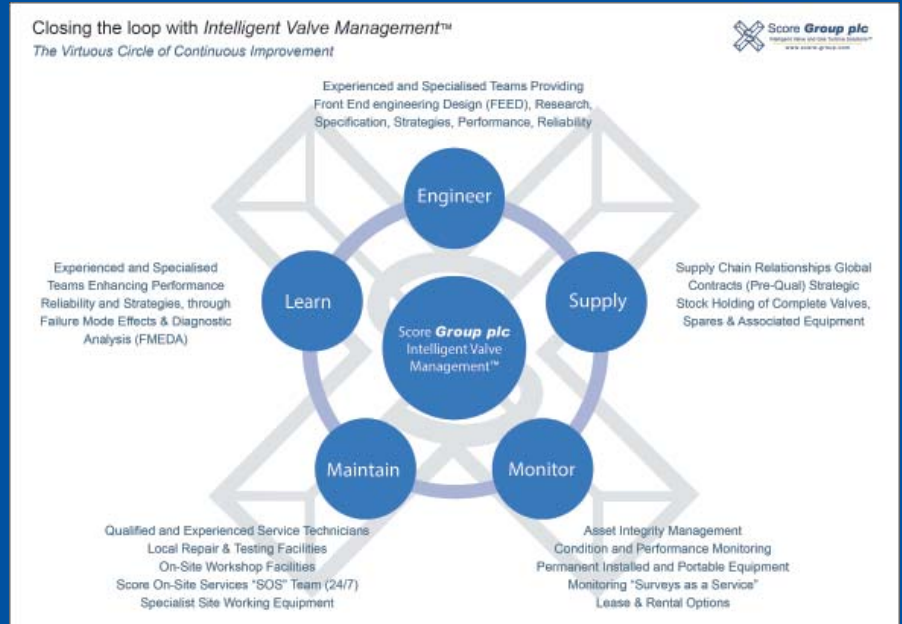
A wide range of guests including existing and potential new customers and suppliers were invited to see our latest technology and innovations supporting our Intelligent Valve Management™ approach, as well as discussing ongoing and new business opportunities.

Despite the poor weather, we had many visitors from both existing and potential new clients and there was great interest in our products portfolio and in the services we offer. Given the oil & gas industry market conditions, this year's Score Group innovations were primarily focused on :-

- Safety Performance Assurance
- Operating Cost Reductions
- Asset Integrity Management
- Reliability Centred Maintenance
- Production Uptime Maximisation
- Maximising Operating Profits

The key items launched and showcased were :-

- Valve Visibility – New system for managing customers' valve populations
- Valve Survey Tablets – New intrinsically safe certified tablet devices with bespoke software for carrying out on-site valve surveys which links back to valve visibility
- MIDAS Meter® Risk-Based Inspection Software (RBI) for guiding valve owners on valve survey periods / frequencies, based on risk. This also generates overdue & look-ahead reports for valve surveys
- MIDAS® Sensor Wireless – Effectively removing the cable between the in-field certified leak detection and quantification sensor and the control room, reducing installation complexity and costs
- V-MAP® Portable – Designed for customers who cannot currently afford to install on new or retrofit to existing valves in field, but still want access to all the advantages and benefits V-MAP® can deliver. This portable unit is deployed on a site, working on a hot work permit, to identify developed or developing failure modes in critical valve and actuator assemblies
- V-MAP® G3 – SPU Touchscreen – This new development allows users to access sensor configuration and outputs information locally during set-up or normal operations
- Dove II Flush / Lube / Leak Seal Injection Fitting – This enhanced fitting (Patent Pending) facilitates a much safer, environmentally friendly and reliable fluid injection capability during valve maintenance routines
- Remote Training Services – Score Training instructors can now deliver a range of training courses to our customers in remote locations
- On-Site Services (24/7 Service) – Score personnel are primed and ready to mobilise to sites to assist you with any valve or industrial gas turbine related problems
- Many other Group services were also promoted with supporting materials



ONS continued



A very important part of this bi-annual event is the opportunity to engage with our local apprentices and to pass on knowledge from our subject matter specialists to them to help in their ongoing learning and development. This year, on Thursday 1st September, the apprentices were given product introductions and demonstrations and had the opportunity to learn about our latest technology products and services. Their day was made special with a lunch with Score Group Chairman, Charles Ritchie.

Once again, ONS week was very successful for us and has given us many new opportunities to follow up on, as well as providing us with a good opportunity to strengthen existing relationships. We would like to thank everyone involved for their great contribution and support in making ONS the successful event we all wished for.

Score Europe Win Northern Star Business Award



**Northern
Star 2016
Business
Awards**
Winner

At a prestigious awards ceremony in Aberdeen Exhibition and Conference Centre on September 22nd, Score (Europe) Limited was presented the award of Outstanding Contribution to Society. Northern Star Business Awards (NSBA), which was hosted by the BBC's broadcaster and journalist Louise Minchin, is Aberdeen & Grampian Chamber of Commerce's annual accolades and was attended by over 700 guests including 39 finalists, all hopeful of receiving one of the 13 awards.

Score (Europe) Limited was selected from a strong field of finalists in recognition of the company's enduring commitment to providing apprenticeships and its work with young people over the past 30 years.

Conrad Ritchie, Managing Director, received the award on behalf of Score (Europe) Limited thanking Aberdeen & Grampian Chamber of Commerce and Northern Star Business Awards for the accolade. He told the audience that it was an honour to receive an award which is such a strong endorsement of Score's social responsibility policies before dedicating the award to Score Group Chairman Charles Ritchie. His vision, direction, determination and also dedication to the local community, have driven the group forward since 1982. He went on to pay tribute to all the other finalists and award winners.

Craft Competition Awards 2016

Score (Europe) Limited Apprentice Gains Recognition at National Competition

On Thursday 8th September an award ceremony was held at Peterhead Engineers Development Limited to recognise the winners of the Scottish Engineering Craft Competition – An annual event that brings together the best Mechanical and Electrical engineering trainees in Scotland.

This year's competition took place in June, at North Highland College in Thurso, where, fourteen trainees from eight colleges and apprentice training centres across the country turned out to complete a series of practical and written tests.

Score Group plc was delighted to see a Score (Europe) Limited apprentice winning first place in the Mechanical Engineering category.

He is a second year apprentice, currently serving his time as a trainee Valve Technician in the PSV department, where he has been working since leaving the PEDL training centre in February. Whilst he is enjoying his time working with PSVs, he is looking forward to moving on to the Sales Modifications department in October to learn new skills and take on some fresh challenges.

Speaking of the competition he said, "Although it was a surprise to hear that I had won the competition, I also knew that I had put in a lot of work and tried my hardest, so I hoped that I would do well in the competition as a result of that. I really enjoyed the experience of taking part in the competition and would recommend it for any first year technicians thinking of entering the competition next year."



Score (Europe) Limited employee Mr E. Marr, 1st place in the Mechanical Engineering Category

This year also saw DSRL Dounreay taking home the first place Electrical category prize. Tullos Training in Aberdeen and Angus Training Group Limited were awarded second places in the Mechanical and Electrical categories respectively.

The winning apprentices were watched by proud family members and representatives of their training centres and employers as they collected their awards – This year, sponsored by DSRL Dounreay and presented by Graham Cameron, Head of HR at DSRL Dounreay.

Score Group plc sponsored the competition along with Dounreay Site Restoration Limited.

The competition has now been running for almost thirty years and still remains the toughest title in Scotland for first year engineering apprentices to win. Each entrant is specially selected by their college or training centre to take part in

the competition which tests the knowledge and skills that are gained during completion of the PEO (Performing Engineering Operations) Level 2 qualification.

Conrad Ritchie, Managing Director of Score (Europe) Limited said, "It was fantastic to see the competition winners receiving the recognition that they deserve – Being asked to compete in the competition is a credit in itself but winning the competition is a massive achievement for any apprentice in the early days of their career. It was a very proud day for all involved and we were delighted to see a Score (Europe) apprentice winning first place in the engineering category. The competition is an important event and the standard of work shown by those taking part is a promising sign for the future of our industry."

PEDL Annual Awards 2016

The success of PEDL's Engineering and Administration trainees was recognised at an awards ceremony on Thursday 8th September at the training centre.

Apprentices, now in the 2nd year of their Modern Apprenticeship, were in attendance to receive their certificates, reflecting their success in their first year at PEDL. Also attending was the current 1st year cohort, the PEDL training team, support staff and some senior staff from Score.

During the ceremony, led by Leighton Willox, Managing Director of PEDL, 10 Business & Administration trainees were presented individually with their National Certificate in Administration by Elaine Buchan, Business and Administration Instructor at PEDL. Shortly afterwards 31 engineering trainees were presented with their completion certificates for Performing Engineering Operations (Level 2) certificates by Kevin Wenzel, Lead Instructor at PEDL.

Prizes were also presented for 1st, 2nd and 3rd places in the 'Engineering Trainee of the Year Award'. The handsome trophy for the winner of the 'The Heather Wallace Award' was presented by Heather who kindly returned to do the honours. The prizes were kindly donated by Cromwell Tools and PEDL.

In his summing up of events Leighton Willox stressed the high quality of instruction received by all trainees at PEDL and thanked the staff for their enthusiasm, skill and commitment to the success of engineering and administration apprenticeships. He also congratulated the trainees themselves for their success to date and urged them all to recognise the value of these achievements and to continue with similar skill and dedication during the rest of their apprenticeships.



2016 RoSPA Health & Safety Awards

Congratulations to Score Energy Limited who have been awarded RoSPA Gold Award for health and safety



2016 HNC/HND College Graduation

On Saturday 1st October Score Group plc was delighted to be part of the North East Scotland College (Fraserburgh Campus) Graduation ceremony. 51 Score employees were in attendance, receiving both Higher National Certificates (HNC) and Higher National Diplomas (HND).

This year, HNC awards included Engineering Practice, Measurement & Control, Mechanical, Electrical, Electronics, Multimedia and Computing. In addition, 9 Score apprentices gained an HND in Engineering.

The guest speaker this year was Dr Deborah O'Neil Chief Executive Officer and Chief Scientific Officer of NovaBiotics Ltd which is a leading clinical-stage biotechnology company. In her short address, she encouraged all graduates to strive towards their goals in whatever discipline they now have qualifications in.

Mr Alistair Marshall, Operations Director of Score (Europe) Limited, was present in the stage party at the ceremony to both congratulate all graduates in addition to presenting Score's annual exceptional awards. Alistair, better known as Ally, is a former apprentice of Score Europe and has risen through the ranks of the company and has therefore experienced the learning curve first-hand from Training Centre, college and apprenticeship scheme. He is testament to the legacy Score has created over the last 34 years through its dedication and commitment to the local area and apprenticeship route.



Score would like to congratulate all of its graduates for achieving this most valued qualification, knowing full well the hard work they have undergone to gain this. However, we would like to add that this isn't the end of the road. Any career involves an ongoing journey of training and learning; it never stops. Aim high, be inspired and inspire others; who knows where your journey will lead. Well done.



Trinidad News



Ten new first year apprentices (eight guys and two ladies) commenced work at Score Trinidad on September 5th, 2016. They spent their first week at Score getting familiar with all aspects of the organisation and meeting with all of the various departmental heads. Lex Hinds, Training Co-ordinator also conducted some basic valve awareness courses with them in their first week of work. They then commenced their studies at Automation Technology college on September 15th, 2016, where they shall spend a year pursuing a Level 2 Diploma in Engineering IVQ – Manufacturing Technology. With the addition of these ten apprentices, Score Trinidad now has a total of twenty seven apprentices in our employment and look forward to increasing the numbers in future years.

Congratulations to Ms Jael Debysingh on getting her PMP certification from the Project Management Institute. We would also like to congratulate Mr. Shane Poonwassie for getting his Auto Cad Level 1 & 2 Certification. These employees used their own initiative regarding their personal/professional development and we would like to commend them for this. Great job!

Category of Recognition – Staying focused in the midst of Distractions



Name of Person or team to be recognized:

Stork Scaffolder , SCORE Valve Technicians, STORK Bolt Torqueing Team, Massy Techs

Job Title of person or team designation:

SCORE Valve Technician, STORK Scaffolder (Deck Services Team), Massy Instrument Tech(In-house)

Contractor Company & Job or Work Location: SCORE Valves / Mahogany B

Description of the activity or task that was being performed:

Repairs to the 40" departing pipeline ESDV hydraulic Power module.

How did the individual or team demonstrate behaviours in one of the four Region's HSE focus Areas. Briefly describe:

The BP values of Teamwork and Excellence was evidently displayed and demonstrated by the actions of the Teams working on this issue. The Teams members worked assiduously to return the platform to production in exactly 12 hours. They were able to stay focused on the task in order to minimize any substantial loss.

What was the outcome or benefit:

Their combined efforts resulted in the Platform returning to production within 12 hours. Similar defects on departing valves in the past on Mahogany Bravo and Amherstia , resulted in downtimes and production deferral of 2 days production

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We would like to recognise Antonio Coryatt and Sheldon Baptiste for exceptional work in August 2016. These guys were given special commendations by BP's Control & Automation Engineer, who had the following to say, "I would like to commend Antonio Coryatt and Sheldon Baptiste for excellent work that was done for MA – 18. We encountered several challenges with header valves and choke valves and the technical knowledge, dedication and team work displayed by these two gentlemen were excellent. I would like to thank them for their excellent support regarding this matter."

Score Trinidad was also recognised for a job well done by BP in August 2016.
Keep up the great work everyone!

Farnborough Airshow 2016

A team from Hycrome Aerospace exhibited at the Farnborough Airshow for the first time in July. This is one of the world's most prestigious air shows with all the main Aerospace companies attending. During a successful week, many new contacts were made and meetings were held with existing customers culminating in the signing of a new Long Term Agreement with Gardner Aerospace for Hycrome to manufacture and coat parts for the Airbus A320.



Antoine Crouy, Gardner Aerospace Head of Commodities, signs the deal with Hycrome Aerospace Director Stephen Kelly.

Score Energy Complete Energy Overhaul



The completed lube oil skid

The test cell turbines team have recently completed a major overhaul of the lubricating oil console for the Siemens TB5000 series engine. The old console has been used for the past 10 years.



Since 2013 there has been a large increase in the volume of TB5000 engines going through the workshop and subsequently requiring a performance test. Although the old console served its purpose, it required modernisation to support the increased throughput as well as requiring a capability for continuous function in the event of a power outage. After many late nights and hard work the new console is now commissioned and complete.

We now have a much neater set-up; flexible hoses have been replaced with hard pipes, a more modern filtration system has been fitted as well as a higher capacity cooler. The console has been wired up to a state of the art control box which has full back up in the event of a total power failure, thus protecting the TB5000 engines' sensitive white metal bearings. All this hard work came to a cumulative end during the month of August when the first TB5000 engine was started utilising the new console. The test went without issue and the console performed as exactly as expected.

A great effort by all involved.

Score A/S Achievements

Congratulations to Sturle Bjørnsen (left) and Christian Alexander Rygh (right) for having



Kristian Meihack presenting the awards.

Subsea and Wellhead Complete Calm Buoy and Subsea Valve Installation

Score Subsea and Wellhead Limited (SSWL) recently completed the installation of an Oil Tanker Load/Off-Loading facility (Calm Buoy) in the Malacca Straits, Malaysia. Due to the size of the project, and in order to meet the very complex project requirements and the very tight delivery timescale, it was essential that a close working relationship was maintained between engineering, hydraulic, subsea, and the electrical departments within SSWL as well as the Score Asia customer interface team in Malaysia.

Score was contracted to provide replacement 24" Subsea ball valves, complete with a surface control unit, and the entire umbilical infrastructure to connect the Subsea valves and the surface equipment, Score also provided 24" swing check valves for the off-load system.

The subsea infrastructure is housed in a large structure called Pipeline End Manifold (PLEM) with all the support equipment on the surface housed in the large floating structure that the tankers berth to in order to connect to a large floating off-load pipe (Calm Buoy). The two ends of the system are connected by the umbilical which in this case had 6 hydraulic paths used to operate the valves and 6 electrical paths used for carrying valve position indication signals to the surface operators.

The first step was to remove the failed valves from the seabed. The new 2 off 24" valves and actuators were supplied ready for installation on the seabed. The valves were bundled with the check valves and then lowered into the sea ready for fitting in to the PLEM and the pipeline. The next step then involved fitting the Score designed riser/umbilical clamps and the umbilical itself. These clamps are designed to avoid damaging the riser or umbilical and are designed to have neutral buoyancy in order not to affect the performance of the flexible risers that connect the PLEM to CALM Buoy.

In order to prove the design was suitable, extensive 3 dimensional analysis of the performance of the risers with and without the umbilical's was undertaken using advanced modelling software and powerful computers. This riser/umbilical was then subsequently lowered into the sea ready for fitting to the Score Subsea valve and the surface hydraulic/electrical controls.

An air driven Score HPU and Score's bank of Parker accumulators were made ready for installation into the Calm Buoy. Electro/hydraulic umbilical was then connected to the exterior of the Calm Buoy followed by Accumulator bank to the internals of the Calm Buoy. Ultimately this allowed the new Calm Buoy to be ready for the first Oil Tanker connection.

The Calm Buoy system was completed, fully tested and delivered ahead of schedule. Score Subsea and Wellhead Limited can supply everything from the Seabed to the complete control system in the Calm Buoy.

The Strait of Malacca is a narrow, 530 mile stretch of water between the Malay Peninsula and the Indonesian island of Sumatra. The strait is the main shipping channel between the Indian Ocean and the Pacific Ocean, linking major Asian economies such as India, China, Japan, Taiwan, and South Korea. Over 94,000 vessels pass through the strait each year, carrying about one-fourth of the world's traded goods, including oil. In 2011, an estimated 15.2 million barrels were transported through the strait per day, and is one of the world's most congested shipping lanes.

For further information on services supplied by Score Subsea and Wellhead Limited visit <http://subsea-wellhead.com/>



Removal of failed valves from the Seabed



New valve in process the of being lowered into the Sea ready for fitting in to the Plem and the pipeline



New Calm Buoy on station ready for the first Oil Tanker connection

DYWNES Certificate of Engagement

Recently Score Group plc was awarded with a "Developing the Young Workforce Certificate of School Engagement" from Developing the Young Workforce North East (DYWNES). This was issued as our company met four of their five key points – Inspiration, Experience, Vocational Learning and Jobs which in return means that we qualify as a "Developing the Young Workforce Partner Company".

Developing the Young Workforce's core role is to create further and stronger partnerships between businesses and schools.

Developing the Young Workforce is a seven-year programme that aims to better prepare children and young people from 3–18 for the world of work. The programme builds on the foundations already in place as part of Curriculum for Excellence. The headline aim is to reduce youth unemployment by 40% by 2021.

The DYWNES framework is based on:-

- Develop activity to encourage and deliver on commitments from a range of employers to:
 - Offer work experience and placements for school and college students
 - Engage with schools and careers advisers to support the delivery of career education
 - Recruit more young people including Modern Apprentices
- Engage with employers (including micro and small), local authorities, schools and colleges in their region to simplify employer engagement with education and related services
- Work with local authorities and schools to establish school / industry partnerships across secondary schools in the region
- In line with existing approaches in the region promote and support youth employment among small and micro employers in the region

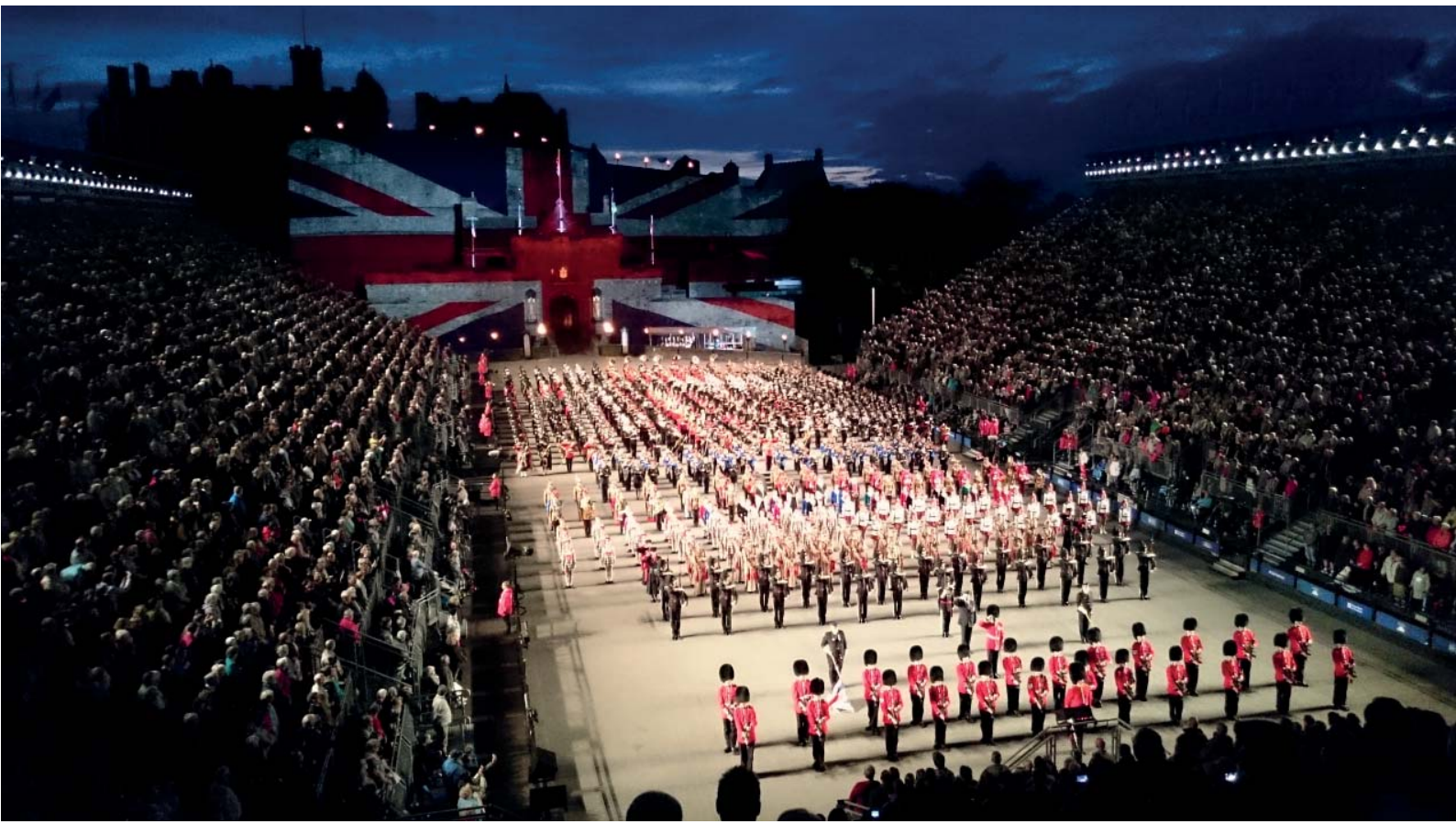


- Work with educational providers and other relevant agencies to improve the link between vocational education provision and the needs of the regional economy
- Promote the Investors in Young People accolade to employers in the region
- Promote the national youth employment equality agenda to employers in the region
- Engage with the National Group and the network of Regional Invest in Young People Groups across Scotland

Conrad Ritchie – Managing Director of Score (Europe) Limited commented "Score Group have been involved with Developing the Young Workforce since its conception and has played a key role within the organisation, now that this initiative is operational we have stepped back but remain a contributing supporter. Through our own experiences we have identified that there is a clear divide between teenagers and young adults entering the world of work and/or education. Many of the local problems and resulting initiatives that we, as an organisation, have identified and acted upon have been embraced by the DYWNES organisation and we wish them every success in what is a critical role."



The Royal Edinburgh Military Tattoo 2016



Score Group plc, as previously stated in this newsletter, recently signed a covenant agreement with the Armed Forces and Score is proud to support and work together in the UK. Equally, Score is a big supporter of the Royal Edinburgh Military Tattoo which takes place each summer on the Edinburgh Castle esplanade and attracts visitors from around the world. One of Score's 'roving photographers' captured this image from the 2016 event.

Image courtesy of Andrew Meldrum.



2016

10th Biennial Valve World Conference & Exhibition
Düsseldorf, Germany · 29 Nov – 1 Dec



Visit Score Diagnostics Limited in Hall 5, Stand M39