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NAVTECH DOUBLES INSTRUMENTED DETECTION RANGE WITH TWO NEW RADARS

Navtech Radar will be showcasing their NEW long range Radars (AGS800 & AGS1600) at IFSEC 2011, Hall 4, Stand A6.

Navtech Radar are launching two new radar models with higher sensitivity and a wider beam shape, allowing an increased range of detection, greater flexibility over uneven ground, quicker set-up and the capability of being mounted up to 10 metres from the ground. Both of these models will include an enhanced enclosure design that will improve environmental protection and heat dissipation. Power consumption is also reduced by 25%.

Benefits:

- Cost effective coverage of large areas - up to 1600 metre radius
- Flexible mounting height – up to 10 metres
- Improved line-of-sight coverage over cluttered areas
- Reduced power consumption enabling battery or solar power options
- Better environmental protection for harsh environments



WITNESS

Together with the new AGS radar Navtech have been working hard to improve their intelligent **witness** software with new enhanced features including:

- Support for additional sensors such as PIR and broken beam.
- Improved alarm and threat management enabling detection areas to be armed or disarmed.
- New integrated radar data display providing immediate feedback for configuration and tuning.
- Improved camera control enabling operators to instruct the camera system to follow a target exclusively.
- Enhanced UI control enabling users or supervisors to customise the radar management display.
- Improved API which allows third parties to control key elements of the system's behaviour via a simple XML interface.
- SMS (text) alerts

Navtech Radar's custom equipped Land Rover will be outside the main entrance of Hall 5, demonstrating the new AGS sensors and enhancements to the witness control suite.

On the stand (Hall 4, A6), Navtech Radar will be demonstrating our witness software with live radar coverage – showcasing the improved zone management capabilities of the witness control suite.

Jason Burger will be presenting at IFSEC 2011

Jason Burger will be speaking at IFSEC 2011 on Monday 16 May at 13:45 - 14:15, theatre 1.

The presentation will consist of an overview of how **AdvanceGuard** works including suitable applications and highlighting new products and services.

The audience will benefit from video footage of people being tracked and how the **witness** software works together with the radar to provide an intelligent security solution.

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About Navtech Radar

Navtech Radar is a world-leading designer and manufacturer of commercial millimetre wave radar sensors. Since 1999, substantial investments in R&D and manufacturing expertise have gained them a reputation for products that are high performance, robust and extremely reliable. All hardware design, software design and product manufacture is done in-house at the Oxfordshire headquarters, giving an unparalleled level of flexibility and control. The company has adapted its capabilities to new markets, further demonstrating its world-leading capability to deliver effective millimetre wave radar sensor solutions for outdoor commercial applications.

Notable achievements include:

- The first operational driverless straddle carrier port in the world in Brisbane, Australia.
- The first quay crane anti-collision safety system using millimetre wave radar for Bristol Port Authority, UK.
- The first operational airport ground surface movement system using millimetre wave radar at East Midlands Airport, UK.
- The first commercial off-the-shelf 77GHz millimetre wave radar based security system sale. Navtech systems have now been sold in the USA, Italy, Qatar, Poland, Ireland, UK, Middle East, Singapore, Czech Republic, Spain, Portugal and India amongst others.
- The first radar based system for motorway incident detection and hard shoulder monitoring, deployed on the M42 for the UK Highways Agency.
- The first radar based tunnel incident monitoring system successfully deployed for the UK Highways Agency.
- Flight trial of the first radar based system to help prevent collisions during helicopter landing. Jointly developed with EADS.
- Winners of the Innovative Achievement Award at Detektor International Awards 2009 in Stockholm, Sweden.
- Awarded the Queen's Awards for Enterprise 2010, Britain's highest accolade for innovative design and manufacture of radar based sensors for security surveillance, industrial automation and traffic sensing.

Navtech Radar Installations include:

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|----------------------------|---|-------------|---------------------|---|------------------|
| • Alghero, Sardinia | - | Airport | • Slovakia | - | Car Plant |
| • EMA | - | Airport | • Canada | - | Gas Field |
| • Gatwick | - | Airport | • Australia | - | Harbour |
| • Katowice, Poland | - | Airport | • UK Police | - | Helipad |
| • Oporto Portugal | - | Airport | • Kuwait | - | Highways |
| • Equinox | - | Data Centre | • Belgium | - | Industrial Radar |
| • HSBC Bank | - | Data Centre | • Qatar, UAE | - | Museum |
| • Czech Republic | - | Solar Farm | • Bristol | - | Port |
| • Portugal | - | Solar Farm | • Brisbane | - | Port Ind. Radar |
| • Thamesmead | - | Bank | • Ireland | - | Stud Farm |

