

AGD Systems Limited

News Release

2 June 2019

AGD Systems exhibits at ITS European Congress – 2-6 June, Eindhoven, The Netherlands

AGD Systems, leading manufacturer of ITS product solutions, is delighted to be exhibiting at this year's ITS European Congress, 2-6 June, Eindhoven, The Netherlands.

ITS European Congress is the largest event entirely dedicated to smart mobility and digitalisation of transport. At this year's show, AGD will showcase its new suite of pedestrian solutions for 2019, and will share a stand with ITS (UK) and Videalert, a leading provider of CCTV enforcement solutions.

Later this year, AGD will be replacing its entire popular traffic portfolio with a new family of high-performance pedestrian and vehicle detectors for urban crossings and junction control.

The AGD 326 will allow optimisation of the crossing phase, giving back more green time to traffic. Suitable for UK and international deployment, it will feature dynamically adjustable range for new site designs. The 641 will offer a 4 x 2m zone for monitoring the pedestrian wait area and 3D stereo vision with self-IR illumination of zone for enhanced night-time detection. Both solutions will offer safe, easy remote setup via a smart phone or tablet with AGD Touch-setup.

Ian Hind, AGD's commercial director, says: "Customers will benefit from the ease, convenience and safety offered by WiFi AGD Touch-setup across the whole range, and a complementary suite of solutions that have been designed using valuable customer feedback for international as well as UK deployments."

As part of this comprehensive solutions suite, visitors to ITS European Congress can see AGD's WiFi-enabled, IP-capable 645 Pedestrian Detector – now with 10m x 3m detection zone, and the non-intrusive, loop-replacing 318 Traffic Control Radar.

The 645 now has volumetric capability as part of the standard build, which allows monitoring of the level of pedestrian occupancy in the wait zone for safer, smarter pedestrian crossings. The 318 includes an important new function: the ability to detect stationary or queuing traffic. This, together with WiFi AGD Touch-setup technology and an enhanced user setup GUI, will facilitate MOVA installations and other strategic applications.

AGD will also present its new 343 Highways Monitoring Radar at the show. Developed using the company's experience and expertise in designing radars for highway speed enforcement, the AGD 343 is an easy-to-integrate traffic flow monitoring solution that provides real-time data on multi-lane highways.

The 343 can be mounted as close as 2m from inner edge of the inside lane of the carriageway and will still provide information for the lane immediately below the radar, as well as the lane on the farthest point of the carriageway – looking across both carriageways to detect vehicle travel in approaching and receding directions. It can be used almost anywhere for better-informed decision-making and optimised traffic flows and combines well with AGD's enforcement solutions to offer a full product suite for UK smart motorways as well as international highways.

AGD can be found on stand 0.74 at ITS European Congress 2019.

For further information, interviews and high-resolution images please contact:

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Company profile

AGD Systems is one of the UK's leading manufacturers of ITS product solutions.

AGD creates easy-to-integrate, globally compatible ITS product solutions for smart cities, smart highways and strategic transport initiatives around the world; the result of strategic ITS thinking strengthened by 25 years of practical implementations.

Working closely with system and product integrators, national road authorities and traffic engineers, AGD develops solutions that fit today's needs and tomorrow's challenges across urban and inter-urban settings. Products serve traffic and pedestrian control, highways and enforcement environments, and applications such as tunnel and track.

AGD Systems is now part of The Traffic Group (TTG). Formerly AGD Group Limited, the name change reflects the growth in the business, expansion through recent acquisitions and a product range that increasingly addresses the wider needs of the traffic market. TTG has a portfolio of businesses focused on product solutions designed to help create safer, greener and more efficient traffic and transport environments.

The group has two core offerings:

- Advanced low-power radar, electro-optical sensors and ANPR/surveillance cameras for Intelligent Traffic Systems. Applications include traffic and pedestrian control, highways monitoring, air quality/emissions measurement, parking systems and enforcement
- A comprehensive range of portable traffic signals suitable for applications ranging from simple two-way deployment through to complex, UTC-integrated temporary junction schemes

With a strong focus on engineering excellence, the group has achieved three Queen's Awards for Innovation in the last 12 years. TTG invests extensively in new product development and advanced production test facilities to ensure the highest standards of quality, reliability and regulatory compliance.

The group supplies products for the UK motorway and trunk road network and has a strong customer base within the UK and overseas, including major systems integrators, local authorities, utilities and many leading traffic management companies. It also has an extensive distributor network.

TTG's current portfolio of companies comprises: AGD Systems Ltd (including Radix division), MAV Systems Ltd, Pike Signals Ltd, Hollco Ltd, AGD Systems Pty Ltd (Australia) and Arkon Services Ltd.

In 2019, a new division – Traffic Group Signals (TGS) – was launched to consolidate the group's portable and temporary signals business. TGS comprises Pike Signals, Hollco, Arkon Services and Safelite. The resulting synergies will see customers benefiting from even better products, solutions and support, as well as the collaborative expertise that leads to enhanced innovation.

A privately owned business, TTG employs over 130 staff located across seven sites in the UK and Australia, and is headquartered in Gloucestershire, UK.

Solutions overview

Working closely with system and product integrators, national road authorities and traffic engineers, AGD develops solutions that fit today's needs and tomorrow's challenges across urban and inter-urban settings. The solutions integrate and interact with smart city systems or legacy controllers to provide the high-value data and video critical to enhancing safety and efficiency.

Traffic and Pedestrian Control

AGD's solutions for urban traffic and pedestrian control environments detect, demand, count, signal, manage and report on vehicles and pedestrians on approaches, intersections, wait zones and crossings. Nearside/farside pedestrian demand, signalling and crossing management.

- Pedestrian, bicycle and vehicle detection, safety, control and volumetrics
- Vehicle detection, control and speed management
- Nearside/farside pedestrian demand, signalling and crossing management

Highways

AGD's solutions for inter-urban arterial routes and highways environments detect, count, monitor, manage and report on vehicles on inter-urban highways, intersections and approaches.

- Multi-lane vehicle detection, control and speed management
- Vehicle, intersection and critical areas management
- Incident detection

Enforcement

AGD's enforcement-grade solutions for urban traffic and inter-urban arterial routes and highways environments detect speed, range and angle of multiple targets to provide speed enforcement data on international multilane highways and UK smart motorways.

- Single and multi-lane vehicle detection, control, speed management and enforcement

- Radar solutions homologated with host enforcement systems in many international jurisdictions
- Vehicle detection and data for ANPR systems

Tunnel and Track

AGD's solutions for demanding tunnel and track environments detect, control, manage, enforce and report on highway, rail, underground and metro tunnel approaches and are also used in

marshalling and open-country situations. Radar and IP-capable optical detectors, with video-feed, deliver high-reliability solutions for safety-critical remote rail crossings.

- Tunnel road traffic detection, traffic/safety management and speed enforcement
- Pedestrian and train detection and speed control for pedestrian crossing safety management
- Urban/underground-rail 'traffic' detection, traffic/safety management and speed control

Quick facts

- AGD Systems is one of the world's leading designers and manufacturers of ITS product solutions
- Established in 1991
- Industry pioneer of above-ground radar detection for traffic control and pedestrian detection solutions for UK Puffin crossing strategies
- Long history of patented ITS radar solutions for traffic control and highway speed enforcement. Pedestrian signalling and detection solutions (AGD946/AGD640) also feature strongly in the patent list
- Headquartered in Cheltenham, Gloucestershire, UK, AGD is part of The Traffic Group (TTG).
- TTG has a portfolio of businesses focused on product solutions designed to help create safer, greener and more efficient traffic and transport environments.
- With R&D, manufacturing and test facilities in the UK, TTG employs over 130 staff in the UK and Australia.
- TTG's current portfolio of companies comprises: AGD Systems Ltd (including Radix division), MAV Systems Ltd, Pike Signals Ltd, Hollco Ltd, AGD Systems Pty Ltd (Australia) and Arkon Services Ltd.

Spokesperson biographies

Greg Baker – Commercial Manager

Greg leads AGD Systems' traffic and pedestrian control centre, and is responsible for the commercial and technical aspects of AGD's customer relationships in this area. He is a talented, hands-on engineer with extensive knowledge of AGD product solutions and their real-life application.

Greg studied for his HNC in electrical engineering at Stroud College and has worked at AGD since 1998, heading up the service centre and in field service roles.

Neil Keith – Commercial Manager

Neil leads AGD's enforcement sector and is responsible for the commercial and technical aspects of AGD's customer relationships in this area. He is an Intelligent Traffic Solutions professional with extensive knowledge of AGD product solutions and their real-life application.

Neil holds an HND in marketing management and has enjoyed a varied commercial career in national and international roles for blue chip organisations including Barclays Bank PLC, Kraft Foods and ADC Communications. He joined AGD in 2007 and has helped to develop the company's international distribution footprint and open up new market sectors.

Neil also works closely with a large number of AGD's key UK traffic and pedestrian control customers to promote the latest-generation solutions and to gather all-important customer feedback for future roadmap developments.