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Driving success to improve road safety and vehicle security

With the recent acquisition of the Microwave Sensor Business from Dynex Semiconductor ([See News Item](#)) e2v is now able to offer complete vehicle safety and security

e2v know-how significantly contributes to making our roads a safer place. Applying its forward-thinking sensor technology to the automotive industry in the form of radar-operated Adaptive Cruise Control (ACC), e2v seeks to reduce the stress of modern day driving. ACC, built around our unique 'graded gap' Gunn diode, senses the position and speed of objects in front of a vehicle and processes this information to adjust the brake or throttle to provide a constant headway for the driver. By setting the required speed and required distance from the car ahead, vehicle control is maintained, driving stress is reduced and fuel economy is improved.

Employing microwave technology Mass Movement Sensors (MMS) are Doppler radar sensors designed to protect the interior of a vehicle from unauthorised entry. Microwave technology offers significant advantages over ultrasonic technology, which enable these sensors to be used on all types of vehicles including: Saloons, Touring & SUVs, Cabriolets, Convertibles & Roadsters as well as Light and Heavy Commercial Vehicles.

As an added benefit of this technology, the sensors can be hidden away in the vehicle cabin area and therefore do not compromise the styling of the vehicle.

e2v: a driving force behind safer roads and secure vehicles.

- For a copy of our Automotive brochure please e-mail us at enquiries@e2vtechnologies.com or [download a copy in PDF format](#) (file size: 1,292kb. This takes about 6 minutes with a 56k modem connection).
- For a copy of our latest Automotive Newsletter 'OnAuto', please [register here](#) or [download a copy in PDF format](#) (file size: 151kb. This takes about 1 minute with a 56k modem connection).
- For further information on our recently acquired microwave technology products, please visit the following links:
[Application Notes on Microwave Security Sensors](#)
[Microwave Sensors Product Details](#)



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