

Networked sensor systems for the built environment

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Duncan Bremner is the Technology Translator within the Knowledge Transfer Account at Glasgow University. He works with both the academic staff and industry partners to identify and sponsor collaborative projects that can demonstrate tangible impact in projects associated with nanotechnology. He is presently very active in establishing the Scottish Sensor Systems Centre (S3C). With over 25 years industrial experience in the semi conductor industry he has held operational and strategic executive roles in product development and technology planning within leading organisations such as National Semiconductor and The Intel Corporation. He holds a BSc (Hons) in Electrical and Electronic Engineering from Edinburgh University and an MBA from Glasgow University.

Abstract

'Networked Sensor Systems for the Built Environment'

The availability and affordability of sensors has enabled cost effective deployment of sensor systems within the built environment. However the rapid increase of sensor data combined with the installation and networking of devices within buildings and infrastructure present new challenges. The S3C is an organisation which commissions collaborative research projects into sensors systems across all markets. The presentation provides the reason for establishing the S3C, the hierarchical approach it adopts in developing sensor systems, and how it is actively seeking engagement with the industry to overcome sensor systems problems.

