



<b>Project Title:</b>	FREEFLOW
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<b>Start/End Date:</b>	2008 – 2011
<b>Funding Source:</b>	Technology Strategy Boards, Department of Transport (Dft) and the Engineering and Physical Sciences Research Council (EPSRC)
<b>Department:</b>	Computer Science

### **Project Description:**

FREEFLOW is a Research and Development Project formed by a consortium of industrial companies, academia and local authorities, aiming to improve transport performance by turning "data into intelligence".

Freeflow has specific objectives of:

- Exploiting new and existing data sources for traffic management that helps meet network managers' objectives of balancing the network and for providing traveller information to individual and commercial users;
- Understanding real world user requirements for "Intelligent Decision Support" (IDS) using military "Situational Awareness" tools;
- Researching, demonstrating and evaluating the benefits of these joined up tools for both network managers and the travelling public; and
- Developing services, products and tools for both UK and global markets.

From the Department of Computer Science, Loughborough University, our role is to perform research on computer vision algorithms that allow the extraction of information and alerts from CCTV cameras. Value is provided by augmenting existing sensors and by extracting information that other existing sensors and off the shelf products cannot provide.