

# Innovation Snapshots: Leonardo

## LEONARDO

### The business need

Electronics business Leonardo wanted to exploit machine vision technology that could detect critical movement, and summarise that activity into visual video sequences. So we set up a knowledge transfer partnership with Leonardo and Innovate UK to add the latest technology into their drive for business innovation.

### The expertise

Using our leading expertise in computational intelligence and video summarisation, we devised a system able to capture video data that can be analysed and used to evaluate certain situations, such as monitoring elderly or infirm people, or surveillance in sensitive locations. This data can be used to prompt further intervention.

### The value

Leonardo has gained market share in the rapidly growing medtech sector and has a standing in the security technology market. Leonardo was eligible to receive 25% funding from Innovate UK through the national knowledge transfer partnerships programme. For smaller businesses this support rises to 67%.

### How it works

Central to any KTP project is the research associate, such as a PhD student, who is recruited and based full-time within the company.

This ensures activity has commercial focus, embeds new capability within the business, and that technology transfer is effective and efficient.

Weekly catch-ups ensure the project remains on-track, and a senior company contact is involved throughout to ensure commercial focus.

### Find out more about expertise and funding

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