

Artificial intelligence

We're pushing the boundaries of what's possible in the area of artificial intelligence. We work in collaboration with global FTSE 100 companies and SMEs across the UK to bring our research to life, to tackle real business problems, and to improve productivity.

Technology for hands-on help

From managing data to coordinating a globalised workforce; from boosting logistics to creating intelligent buildings – our computational and artificial intelligence expertise is bringing real value to business.

The challenge of managing and analysing vast amounts of data, and making good decisions based on that information, prompted a University and business collaboration that led to the development of a patented system. It solves problems by giving computers the 'intelligence' to make decisions based on human thinking patterns.

This new system has now been applied commercially with great results, and is now improving efficiency and reducing costs for global organisations whose complex data need to be analysed shrewdly – from financial services and the internet, and from energy management to medical trials.

**Fresh
thinking,
to help
business
flourish.**



University of Essex



Limitless possibilities for business

Globalisation means many companies have their employees located across the world, and this challenge prompted a partnership between the University and a major telco business to create the first-of-its-kind virtual engineering laboratory.

It uses intelligent technology to create mixed-reality environments, allowing engineers to work on the same project, at the same time, by synchronising those different realities into a single virtual environment. This is new technology with the potential to radically shift the way we work.

We have leading expertise in the area of robotic engineering, automated decision-making, and brain-computer interface technology. The application of artificial intelligence across many different industry sectors is limitless: let our game-changing expertise give your business the competitive edge: talk to us to find out more.

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