

Milton Keynes

High-Performance Technology Cluster



The Milton Keynes High-Performance Technologies Opportunity

Milton Keynes is the fast-growing city at the heart of England's world-leading High-Performance Technologies (HPT) industry cluster.

Located within 55 miles of London, Cambridge, Oxford and Coventry/Warwick, the city provides 'HPT' companies with access to cutting-edge technology research, specialist business accommodation, a highly developed advanced engineering supply chain and more than 100,000 specialist workers in the Midlands cluster.

Milton Keynes combines advanced engineering excellence with one of the UK's outstanding concentrations of digital tech workers and expertise. This unique technology ecosystem delivers the specific capabilities demanded by companies serving performance-driven sectors including motorsport, automotive, aerospace, defence and healthcare.

That's why businesses including Red Bull Racing, Prodrive and IMS Evolve, as well as the Transport Systems Catapult research centre, have chosen to locate and expand their operations in Milton Keynes.

- ✓ **At the heart of England's High-Performance Technologies (HPT) industry cluster**
- ✓ **Just 55 miles (max.) from London, Cambridge, Oxford and Coventry/Warwick**
- ✓ **World-class universities, education and research centres**
- ✓ **A highly developed Advanced Engineering supply chain**
- ✓ **Access to 100,000+ skilled 'HPT' workers in the Midlands cluster**
- ✓ **A UK-leading digital technology knowledge hub**
- ✓ **Specialist accommodation for growing high-tech companies**
- ✓ **One of the UK's fastest growing cities**

MK High-Performance Technologies Cluster

Companies within the Milton Keynes HPT cluster are characterised by high levels of R&D, continual innovation and the application of diverse technologies to deliver both step-change and marginal performance improvements.

Key technology competencies include:

Propulsion; Sensors; Connectivity; Big Data Analytics & Knowledge-Based Automation; Advanced Materials; Connected & Autonomous Vehicles.

Technological expertise enables performance improvements in key areas including:

Engineering Processes, Systems Design, Sustainability, Emissions, Light Weighting, Aerodynamics and Rapid Prototyping.

Many companies are focused on the performance automotive sector, and agility is a key characteristic. Technologies are applied across high-value industry sectors including:

Automotive; Aerospace; Defence; Health; Industrial Engineering.

Transport Systems Catapult (TSC)

Based in Milton Keynes, TSC is part of the UK's Catapult Centre network, enabling the translation of advanced research into industry.

TSC's Innovation Centre provides state of the art facilities for collaborative (industry-academic) research into Intelligent Mobility.

Recent achievements have included the first public trials of driverless pods in the UK, through a collaboration between the University of Oxford, RDM and Oxbotica. ^[6]



World-class HPT companies based in Milton Keynes include:

Red Bull Racing

A leading F1 team, undertaking design, prototyping, manufacturing, simulation, testing and operations control in MK.

Prodrive

A world-leading motorsport and technology business, producing lightweight, high-performance components in MK.

IMS Evolve

Data analytics to deliver process automation, cost and efficiency savings and performance improvements for industry.

Alps Electric

Specialists in human-machine interfaces, connectivity and sustainability.

ITC Infotech

Specialists in software engineering, data analytics, connectivity and automation.

Contact us to find out more about Milton Keynes, and how we can support your business relocation or expansion:

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