

QinetiQ Timeline 1990 - 2005



1990

1991

1995

2001

Formation of QinetiQ

After a lengthy consultation process to agree the favoured form of a Public Private Partnership for DERA, and more than a year altering its infrastructure to create two separate organisations, QinetiQ officially opened for business on 2 July 2001.

QinetiQ is a fantastic opportunity

"I believe we have been given a fantastic opportunity to develop and grow our business for the benefit of our customers, our suppliers, the community at large and ourselves."

Sir John Chisholm, QinetiQ CEO

Jump to year:

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What lies beneath?

QinetiQ scientists develop the 'Millimetre Wave Camera' to enable soldiers to see through thick fog. But now the device looks set to be used in other spheres from airport security to computer games.

Its benefits are clearly seen when it is successfully tested in the Eurotunnel at Coquelles in June to deter illegal immigrants.



September 2001



December 2001

Beetlemania!

A Stenocara beetle from the Namibia desert provides the inspiration for a pioneering method of water collection. In collaboration with researchers from Oxford University, QinetiQ scientists mimic the mechanism to create an inexpensive means of 'fog harvesting' that could be used for irrigation or collecting drinking water.

Jump to year:

↳ 1990

↳ 2001

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↳ 2004

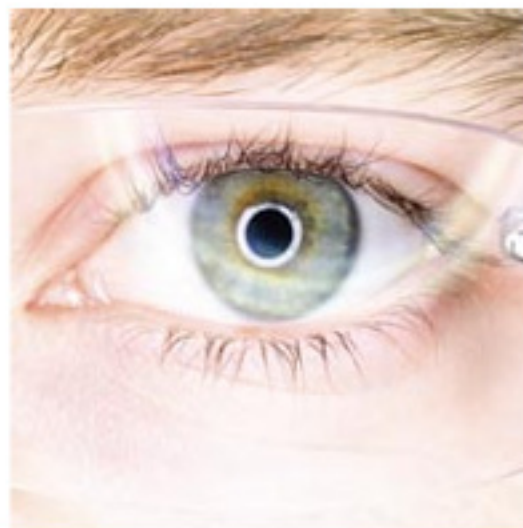
↳ 2005



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Tom Thumb technology

A new spin-out company is poised to catapult QinetiQ to the forefront of the nanomaterial market way ahead of the competition. QinetiQ Nanomaterials Ltd joins a large emerging market, specialising in the production of materials of 100 nanometres or less. The company is the largest nanometric materials and nanotechnology group in Europe.



January 2002



May 2002

Dyslexia tool

QinetiQ is part of a team that is using missile-tracking technology to produce a portable, child-friendly, diagnostic tool, which could help tell if a child is at risk of developing dyslexia. The research is looking at the benefits of collecting eye movement data as an early indicator of dyslexia and designing child-friendly equipment that Local Education Authorities can use.

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Deep Scan

QinetiQ applies its acoustic and sonar expertise to address a growing problem in modern medical ultrasound: human obesity.

Our knowledge of processing techniques, advanced materials and transducers enhances the ultrasound picture resolution and doubles the depth of penetration, making a patient's obesity much less of a problem.



April 2002



July 2002

Airport surface movement

A unique radar system for ground movement control, developed jointly by QinetiQ and Flight Refuelling Limited, is sold to East Midlands Airport. The system combines QinetiQ millimetre wave radar technology with a display unit RDS1600, to provide complete coverage of the whole airport movements area.

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1990

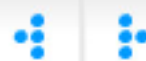
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Crystal clear

QinetiQ spin-off ZBD Displays signs agreement with Varitronix, one of the world's leading manufacturers of passive matrix liquid crystal displays.

ZBD's technology allows images to be kept on a display indefinitely without the use of any power and without image degradation, even under the most severe mechanical stresses. Benefits include enormous power savings for handheld devices, extending battery life and enabling the size and weight of the devices to be substantially reduced.



December 2002



December 2002

Waste not, want not

QinetiQ unveils the world's first advanced integrated waste management system for ships. This new total waste management procedure will see Royal Navy ships achieve not only early compliance to new environmental laws, but also significant resource savings, transforming vessels into self-contained units, with considerably less environmental impact.

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Testing contract signed

The Long Term Partnering Agreement providing long-term test and evaluation services to the MOD is signed on 28 February.

LTPA provides the basis by which QinetiQ can invest up to £150 million in the modernisation of the ranges and thereby deliver savings to MOD customers of £700 million over the period of the contract.



February 2003



November 2003

Eye in the sky

QinetiQ scientists develop a world first video relay service - Skylink. Skylink is ideally suited to television coverage of geographically dispersed sporting events like cycling and motor sports.

It uses a single repeater platform - a fixed wing aircraft - in all weather conditions and over any terrain. It is already in frequent action, covering a number of sporting events.

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QinetiQ 1

The QinetiQ 1 mission is aborted due to a last minute technical hitch during the balloon inflation. Naturally, there is disappointment all round, especially for the pilots, who have been working towards a launch for three years.



September 2003



Importantly, the project is already delivering major business benefits to QinetiQ. It has enabled the development of a number of technologies which will contribute to advances in science, such as Zephyr, a novel high altitude unmanned air vehicle.

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Cleaning up

QinetiQ launches its Decontamination Service for hospitals. Currently, many hospitals carry out decontamination processes in-house and maintaining the service is an increasing challenge. QinetiQ's track record in delivering the Long Term Partnering Agreement for the MOD has many clear analogies to delivering a decontamination service.



December 2003



December 2003

Masterful technology

QinetiQ wins a major contract to provide an advanced technology communications and radar mast for the Royal Navy's flagship aircraft carrier, HMS Ark Royal.

Virtually maintenance free, the advanced technology mast substantially reduces long term costs. It is lighter and stealthier than conventional masts and provides great protection for its equipment.

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On a roll

QinetiQ signs a five-year contract with Rolls-Royce to provide calibration and equipment support services to its aerospace manufacturing operations.

The deal delivers service quality and cost improvements and increased support flexibility.



March 2004



May 2004

Sea success for trials team

The Apache helicopter programme takes a major step forward following sea trials involving QinetiQ. The trial takes place on HMS Ocean with the aim of establishing Ship Helicopter Operating Limits (SHOL) for the aircraft.

QinetiQ defines the SHOL specifications and provides Military Aircraft Release (MAR), while the prime for the trial is Westland Helicopter Ltd.

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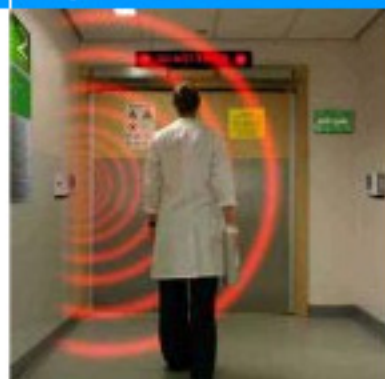
Metal detection with a difference

Scientists in QinetiQ develop a metal detection device for use in a variety of security situations as well as in hospital MRI areas. Ferroguard® Security can detect ferrous metal items, such as guns and knives. A key advantage is the flexibility that the technology allows in terms of deployment.

The system uses passive technology, which does not have the effect on pacemakers and radios that existing systems do.



September 2004



October 2004

Transatlantic acquisitions

QinetiQ makes its first overseas acquisitions:

Foster-Miller Inc specialises in robotics, advanced materials, custom machinery, power systems and aerospace and serves a range of military, commercial and government customers.

Westar Defense and Aerospace Group provides engineering, software and logistics services to the aerospace and defense industry in the US.

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Quiet flies the Dreamliner

QinetiQ is chosen by Boeing to work on the 7E7 Dreamliner, the state-of-the-art plane, scheduled for service release in 2008.

Work begins on the plane's acoustics to reduce cabin noise and vibration, using predictive modelling which permits the optimisation of existing sound insulation properties in the aircraft and results in a quieter cabin environment.



December 2004



January 2005

Super wings

QinetiQ has supported the Airbus A380 project by developing models for the tools on which the aircraft skins are shaped. The sheer size of the new plane means that forming the upper wing skins is a particular challenge due to the panel thickness and the curvature. The QinetiQ team came up with a new manufacturing process, developing material models for the creep age forming process that allow tool shapes to be designed in just three days.

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