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BT COMPLETES PIONEERING RFID CONSTRUCTION TRIAL

BT has successfully concluded a path-finding radio frequency identification (RFID) asset-tracking trial with the potential to transform the construction industry.

The results of the project, which took place on a major London construction site over a period of two months, could radically improve cost-efficiencies and the management of vehicles, tools and equipment on large sites nationwide. The trial is the first of its type in the sector and was prompted by the increasingly urgent need for monitoring the location and condition of construction assets in transit around sites.

The project was undertaken with one of the UK's largest international construction companies and has successfully proven the benefits of an entirely wireless asset tracking system to an industry where expensive assets such as plant are constantly mobile and exposed to intense conditions.

Ross Hall, CEO BT Auto-ID Services, said: "The findings of this trial are highly significant and could lead to a complete transformation in the way the entire construction industry tracks its assets in the future.

"In the past it has proven difficult to track assets around large construction sites. The ever changing environment is hindered further by limited or no access to power or wired communications. By combining advanced wireless technologies with long battery life, we are able to increase asset visibility and reduce installation, integration, and reconfiguration times, leading to faster deployment and redeployment, resulting in reduced operational costs for our customer."

BT was supported by asset-tracking specialist OxLoc in the project. Based on pioneering global positioning system (GPS) technology for location, global system for mobile communication (GSM) for data communication and ultra long-range active RFID for asset identification and monitoring, the resulting system had a self-contained battery source, which can be installed within 15 minutes and is capable of supporting a range of sensors to control and monitor asset condition.

Keith Dobson, CEO of OxLoc, said: "Construction companies are continually challenged with ensuring that expensive assets are secure and have maximum utilisation. Construction sites, with their multiple contractors and ever-changing environments, pose multiple risks including theft, misplacement, and unauthorised use of equipment. After

the successful demonstration of this trial we are now in discussions to enable roll-out of the solution later in 2006.”

The groundbreaking technology will be on view at the BT stand at The Games Briefing, 29th March 2006, Russell Hotel.

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About BT redcare Group

Machine-to-machine (M2M) applications are at the heart of the **BT redcare Group** and over the past five years, a number of new services have been introduced and its expansion into new markets have helped secure **BT redcare Group's** vision of becoming the market leader in M2M applications.

BT redcare Group consists of four business units that focus specifically on responding to customer needs quickly and profitably:

- **BT redcare fire & security:** focused on providing 24-hour building alarm monitoring services for both business and domestic customers using secure fixed and wireless networks to protect properties against fire and intruders.
- **BT redcare machine & vision:** providing two key services:
 - **redcare vend online:** a remote vending machine M2M service enabling customers to manage stocks and keep equipment fully functional more efficiently.
 - **redcare vision:** monitoring buildings and people through CCTV transmission services..

BT redcare is fast becoming the UK leader in remote monitoring applications and management information services that care and protect people and their assets.

- **BT Auto-ID** is focused on helping customers monitor and track goods and assets for supply chain management and is the business within BT dedicated to new Radio Frequency Identification (RFID) services. BT Auto-ID offers complete RFID solutions, from consultancy to help customers establish a business case for introducing RFID and estimate return on investment, to providing a fully managed service to implement and run RFID systems.
- **Transcomm is focused on** the secure wireless data solutions business of BT. Transcomm provides a wide range of wireless data applications to help organisations run their operations more profitably and efficiently by providing up-to-the minute information whenever and wherever it is needed. End-to-end solutions are made possible via Transcomm's solution set that includes host wireless products, remote wireless products, network and professional services.

For more information on **BT redcare Group** please visit www.redcare.bt.com

About BT

BT is one of the world's leading providers of communications solutions and services operating in more than 160 Countries. Its principal activities include networked IT services, local, national and international telecommunications services, and higher-value broadband and internet products and services. BT consists principally of four lines of business: BT Global Services, Openreach, BT Retail and BT Wholesale.

In the year ended 31 March 2005, BT Group's revenue was £18,623 million with profit before taxation of £2,354 million.

British Telecommunications plc (BT) is a wholly-owned subsidiary of BT Group and encompasses virtually all businesses and assets of the BT Group. BT Group plc is listed on stock exchanges in London and New York.

For more information, visit www.bt.com/aboutbt

About OxLoc

OxLoc Ltd supply battery powered data collection products to provide asset management solutions to the sector of the Telematics market where there is no access or limited access to a power source. Using autonomous battery powered GPS/GSM hardware and web based data access, assets can be monitored for location and condition for periods of up to 3 years without the need to replace or recharge the battery. OxLoc is based at the Begbroke Business Park on the outskirts of Oxford.

For further information on BT

Inquiries about this news release can also be made to the BT Group Newsroom on its 24-hour number: 020 7356 5369. From outside the UK, dial +44 20 7356 5369. All BT Group news releases can be accessed at our web site: www.bt.com/newscentre.

Further information on OxLoc

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