

Healthcare Sector Imaging & IT Division

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Siemens receives groundbreaking order for medical technology in the Netherlands

The University of Maastricht has contracted with Siemens Healthcare to deliver and install three powerful, high-field magnetic resonance tomographs (MRT). This order is one of the largest to date in the history of Siemens Healthcare in the Netherlands. The imaging devices will be used by the Brains Unlimited research project of the University of Maastricht. The objective of the project is to further investigate how the human brain functions.

Siemens Healthcare is delivering to the University of Maastricht high-field MRTs with field strengths of 3, 7, and 9.4 Tesla, providing the customer with one of the most powerful MRT (9.4 Tesla) made for research on humans. Siemens is the only company that can deliver such a system. Thanks to its high field strength, the 9.4-Tesla MRT can identify brain structures and functions that exist on a microscopic scale. Using these research studies, scientists hope to obtain greater insight into the causes of serious illnesses such as multiple sclerosis, Alzheimer's disease, Parkinson's disease, epilepsy, and the growth of tumors. In addition, the causes of behavioral changes, disorders such as difficulties in reading and writing (dyslexia), and attention deficit hyperactivity disorder (ADHD-ADD) will be investigated. The project is supported financially by the European Union, the Province of Limburg, and the municipality of Maastricht.

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics, medical information technology and hearing aids. Siemens offers its customers products and solutions for the entire range of patient care from a single source – from prevention and early detection to diagnosis, and on to treatment and aftercare. By optimizing clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 48,000 employees worldwide and operates around the world. In fiscal year 2010 (to September 30), the Sector posted revenue of 12.4 billion euros and profit of around 750 million euros. For further information please visit: www.siemens.com/healthcare.