

Automation and Drives

For the Trade Press

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Siemens supplies IT infrastructure, power engineering systems and building and process automation for Infineon's semiconductor factory in Malaysia

Infineon Technologies AG is building a new plant for logic and power semiconductors for use in automobile and industrial power applications in the Kulim High Tech Park, Malaysia. Construction started in the spring of 2005, commissioning is scheduled for 2006, and it is envisaged that a total of 1,700 people will be employed at the plant. The €12-million order for Siemens encompasses the entire medium and low-voltage distribution system, the building and process automation of all buildings and plants including technical construction systems and process supply, as well as the turnkey IT infrastructure solution.

The order, from planning, through execution of all construction work, right up to commissioning, is shared by the Siemens Groups Automation and Drives (A&D), Communications (COM) and Power Transmission and Distribution (PTD). Siemens has been a provider of IT, automation and power engineering systems to the semiconductor industry in Europe and Asia since the beginning of the 90's.

The IT infrastructure customer is Infineon itself: Siemens Communications will supply the active and passive network components as well as the telecommunications system. The customer for the power and automation engineering is M+W Zander (Penang) Sdn Bhd, Malaysia.

The Simatic controllers and the Simatic PCS 7 process control system will be used as a plant-wide automation system for all building and process automation tasks – from the clean room to ancillary facilities such as high-purity water, wastewater, chemicals supply, and technical gases. The automation solution must guarantee a high degree of availability as well as round-the-clock constant conditions and media supply for cooling, air and compressed air, for example.

Infineon Technologies AG, Munich, Germany, offers semiconductor and system solutions for automotive, industrial and multimarket sectors, for applications in communication, as well as memory products. With a global presence, Infineon operates through its subsidiaries in the US from San Jose, CA, in the Asia-Pacific region from Singapore and in Japan from Tokyo. In fiscal year 2005 (ending September), the company achieved sales of Euro 6.76 billion with about 36,400 employees worldwide. Infineon is listed on the DAX index of the Frankfurt Stock Exchange and on the New York Stock Exchange (ticker symbol: IFX). Further information is available at www.infineon.com.

M+W Zander Holding AG, Stuttgart, Germany, is a globally active technology enterprise with a tradition stretching back almost a century. In 2004, a workforce of almost 8,000 at over 40 locations worldwide generated sales of €2 billion. M+W Zander offers holistic services on a one-stop basis covering all aspects of high-tech construction and production plants – from consulting, planning and construction, to operation and modernization. Work focuses on clean room technology for the electronics, solar, pharmaceuticals, food and beverages and research industries, the production of clean room components, construction technology, and facility management. It is among the market leaders in its principle business sectors; worldwide in electronic engineering construction, in Europe in facility management, and in Germany in technical building equipment. M+W Zander is a subsidiary of the Jenoptik group, and is the group's leading company in the sector of Clean Systems Technologies. You can find more information at www.mw-zander.com

Further information can be found on the Internet at: www.siemens.com/semiconductor

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