

## LFS 400 Warehouse Management System

# Siemens Medical Solutions' spare part logistics count on »Pick-by-Voice«

# SIEMENS



Global Logistics

**Siemens Medical Solutions (Med) is one of the worldwide biggest suppliers in the medical industry. In order to guarantee a high customer satisfaction and the highest machine availability possible, a quick spare part supply is essential – all over the world. The spare parts centre (World Distribution Centre) in Heusenstamm near Frankfurt meets those requirements. Processing an order from purchase order reception to picking and dispatch takes about 30 minutes. This guarantees orders to be delivered on the same day.**

Geis Industrie-Service, a company of the Geis Group, is responsible for warehousing and the complete logistic services of the WDC. Together with Siemens Medical Solutions, improvement potential was searched in order to increase performance and still meet the high quality requirements. For picking, the innovating Pick-by-Voice technology is applied. The software implementation was realized by the company LogSolution. Within the range of the pilot operation phase, this technique was used in parallel to the old processes with a time saving of 10 – 15% compared to the radio frequency process. Whereas working was before realised with handheld scanners (RF), the working processes are no longer interrupted as headsets are used which are connected to the voice terminal of the company Vocollect (distributed by the company Ehrhardt + Partner). The advantage is that the order can be picked in parallel to the voice-lead data entries. Per day, the Geis employees pick about 1,000 orders with a total of 1,450 positions in the 12,500 sqm big warehouse. In addition, about 675 positions are medical and technical spare parts with a weight between 3 grams and 4.2 tons which are stored in 100,000 shelves and 10,500 pallet places.

### Pick-by-Voice:

Special software (Pick-Manager) manages voucher-less picking via voice instructions based on the transferred picking data. The independent software module imports data from the overriding Host system, manages retrieval and confirms the picking quantities in real-time. The employees carry an intelligent headset, a transmitter and a receiver. This way, they have both hands free and can use them unrestrictedly – this is the decisive advantage of the Pick-by-Voice technology. Another advantage is the parallel working, i.e. the goods are picked according to voice-lead data entry. Per radio frequency, this process could only be realised sequentially. The eyes can now concentrate on the actual activity and the eye-contact with the bin location and the goods is not interrupted.

### Short Info about the Geis Group

The Geis Group founded in 1948 with headquarters in the Frankish Bad Neustadt offers the complete range of logistic services: from road traffic, sea and air freight across project management up to highly complex logistic services. Integrated into a global partner and cooperation network, shareholding as well as subsidiaries, the company with about 2,100 employees at 47 sites worldwide is present at all important economic platforms of the world. In 2004, the group gained a net turnover of 355.4 million Euro. The Geis Group provides of special competences in Eastern Europe. The Czech company Geis CZ, for instance, offers to their customers the complete logistic range of services. With 12 subsidiaries and about 400 employees, Geis CZ belongs to the biggest logistic service providers in the country. An own parcel service completes the profile.



With the headset, the hands of "Picker" Widmann are free



**Short information about Siemens Medical Solutions**

Siemens Medical Solutions (Med) is one of the biggest suppliers in the medical industry of the world. The domain stands for innovative products and total solutions as well as a comprehensive offer of services and consulting. The whole spectre is covered by imaging systems for diagnosis and therapy, electro-medicine and audiology up to IT solutions. With the help of those solutions, Med enables their customers to attain visible results both in the clinic and the administrative domain – so-called “Proven Outcomes”. Innovations at Siemens optimise working processes in hospitals and medical practices and lead to more efficiency in Medicare. Med employs about 31,000 employees worldwide and is present in 120 countries. In the business year 2004 (September 30th), Med attained a turnover of 7.07 bn € as well as an order receipt of 8.12 bn €. The domain turnover was 1.05 bn €.

**Short information about the company LogSolution**

The LogSolution GmbH offers individual logistic software solutions in the domain of warehouse management and transport management. In addition, the integration of logistic applications and systems into existing IT structures belongs to the activity field of the logistics specialist from Frechen. The range of performance includes consulting, conception and implementation of integrated IT solutions in the logistic chain. In the frame of individual consulting concepts, the full service provider realises all possible service levels: from servicing across user support and Help-Desk operation up to comprehensive support and maintenance of the company-wide IT infrastructure. Furthermore, LogSolution is a specialist for the platform-independent data exchange via standardised transmission paths and bilateral or multilateral communication formats like EDIFACT, VDA, SAP, IDOC and XML.

For more informations, please contact to:



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