# CeBIT 2006: InterSystems to Provide Better Process Integration for Hospitals
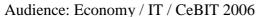**Ensemble Universal Integration Platform Supports Scoring Solution for Complex Intensive Care**

*Hanover, March, 09 2006 – At CeBIT 2006 (hall 3, booth C20, and eHealth-Area in hall 9, booth C52/1, stand 16), InterSystems, leading provider of application technology, presents a new building block for process integration in the healthcare sector. Based on its Ensemble universal integration platform and in cooperation with Deutsches Herzzentrum Berlin (DHZB), Germany, the first automated scoring solution to capture parameters for complex intensive care (IMKB, intensivmedizinische Komplexbehandlung) has been implemented. Since 1.1.2006, the system runs in routine operation. At CeBIT, interested visitors can gain some insights in the original data of the DHZB application by using an anonymous live access.*

Starting with the beginning of the year, a change in the respective tariff allows for higher reimbursements regarding more complex intensive care treatments. However the increased complexity has to be mapped into a complex scoring schema using predefined criteria which have to be proven in a dedicated way. The manual input of the relevant data is very time consuming and also error-prone, thus an automated solution offers a distinct competitive edge compared to other hospitals.

The following integration tasks had to be solved at the DHZB concerning the software requirements: The medical findings and parameters of the intensive care monitoring are automated by external devices like monitors and oxygen resuscitation apparati, and transformed into an „electronic curve". This data has to be linked with the information in the hospital information system, providing the administrative patient data including name, health insurance, diagnostics, treatments, procedures, and accounting. DHZB has chosen InterSystems' Ensemble universal integration platform to integrate the source systems in short time and in a cost-efficient way. In

addition, a „process logic" for determining case-based lump sums from the captured treatment has been assigned and stored in a centralized application by using Ensemble. By continuously monitoring the automated data capture process, corrections or amendments can be made in time in case of a failure. As a result of the automation, the medical staff has significant more time to care about patients during normal operation.

„With this critical project covering not only the integration of applications, but also the streamlined accounting with an automated and enhanced assignment of case-based lump sums to the treatment performed, we did not want not take any risk. Hence we decided to use Ensemble. We maintain a close relationship with InterSystems for many years, and our experiences have always been positive", states Marcus Werners of the staff unit controlling – organization at Deutsches Herzzentrum Berlin.

Thanks to many years of expertise, InterSystems has an comprehensive know-how in the healthcare industry. Thus according to the U.S.News and World Report, the ten "best" hospitals in the United States, and six of the ten largest software providers in the healthcare industry have been leveraging application technology by InterSystems. More information about process integration in the hospital including a free white paper is available from the InterSystems website at [www.InterSystems.de/eHealth](www.InterSystems.de/eHealth).

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**About InterSystems**
For over 25 years, InterSystems Corporation has been a technology innovation leader in database and integration software. The Caché post-relational database and Ensemble universal integration platform enable software developers in every industry sector to rapidly create, deploy and integrate high-performance applications. With headquarters in Cambridge, Massachusetts and over twenty-five regional offices, InterSystems serves more than four million users around the world. For more information, visit www.InterSystems.com.

**INTERSYSTEMS**

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