



THE MAGIC BOX SPEAKS YOUR LANGUAGE

ASIAN LANGUAGE SUPPORT

FOR **mySAP.com** ON AS/400[®]



mySAP.com solutions
powered by IBM AS/400

**Asian Language Support
ASCII Application Server
Unicode Database**

Enterprise systems running on robust and scalable server platforms will be the backbone of tomorrow's mission-critical solutions: supply chain, customer relationship management and Internet applications.

Internet applications are revolutionizing new forms of communication between buyers and sellers, globalizing commerce in a very short time. Any company, large or small, has to compete on a global scale when offering its products on-line, making language a key factor to a company's business process. In this environment, tremendous competitive advantages and cost savings can be realized by integrating the entire business process. To reap the benefits of integration, language-dependent data will need to be created, translated and shared throughout the system.

Although employees may be able to use a company-wide language, a customer may prefer to work in his or her native tongue. Successful companies will therefore need to address the requirements of language and translation in the future IT infrastructure. The Unicode Worldwide Character Standard provides an ideal solution for addressing language requirements. Unicode is a character coding system designed to support the interchange, processing, and display of the written texts of today's world.

"The idea behind Unicode is so compelling that the question of its implementation is not a matter of "if" but "when".

New York Times

As the next step to complete the multi language support for mySAP.com solutions on the AS/400, IBM and SAP have announced plans to offer Asian language support (also known as DBCS language support) on the basis of an ASCII Application server and a Unicode database. This new implementation of mySAP.com on the AS/400 introduces, for the first time, SAP solution utilizing DB2 UDB on AS/400's advanced Unicode database technology.

"Pioneering the use of Unicode for DBCS (Double Byte Character Set) support on AS/400 shows the commitment by SAP to AS/400 as a strategic platform for mySAP.com. The strong relationship between IBM and SAP allowed us to break new ground with this innovative approach to encoding languages."

**Tom Jarosh, General Manager,
Midmarket Server Group**

The hallmarks of integration, reliability and ease of use on the AS/400 have combined with mySAP.com solutions to meet the needs of the global marketplace. The flexible 64-bit architecture, copper chip, and new silicon on insulator (SOI) technology provide outstanding scalability and state of the art technology.

The magic box is an IBM @ business server.

"SAP views AS/400 as a strategic choice. The AS/400 represented from the beginning a real ease of use environment with proven reliability and availability. A world-wide joint IBM and SAP development team is focused on the deployment of this solution, and it enables us to provide an industry-leading product."

Karl-Heinz Hess, Member of the Extended, SAP Executive Board

The new DBCS version of mySAP.com on the AS/400 is planned to be available in October 2000. The AS/400 will then support one Asian language plus English in a single SAP solution. DBCS languages planned for initial support are Japanese, Korean, traditional Chinese, and simplified Chinese.

Other benefits include:

■ The advanced features of the AS/400 provide you with the capability to support multiple SAP solutions on one machine by using techniques such as Logical Partitioning (LPAR). SAP solutions utilizing a Unicode database can coexist and communicate with those utilizing an EBCDIC database in both a distributed environment and on a single AS/400.

■ Businesses converting towards a Unicode database will be strategically positioned to meet the demands of a competitive globalized marketplace.



■ The data is described and stored in an ISO standard Unicode code page. This means that all the capabilities and functionality of DB2 Universal Database for AS/400 utilities and application programs are available for accessing the data in the database.

■ The new solution is smoothly integrated into the already existing AS/400 operational management environment.

Future Directions

IBM and SAP have also issued a Statement of Direction to include NT as an application server choice. This will allow mySAP.com solutions on the AS/400 to be configured with a heterogeneous combination of NT and AS/400 application servers in a single SAP system, increasing the availability of complementary applications.

As SAP upgrades to a full Unicode solution with new releases of its mySAP.com solutions, the AS/400 customers should face an easier migration of their mySAP.com solutions to Unicode.

For more information on IBM AS/400 and mySAP.com, visit the Web at: www.ibm.com/erp/sap

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