MKS Toolkit Case Study

All for One Systemhaus AG

Subtitle

All for One Systemhaus AG is an international systems, software and integration provider with more than 200 employees focusing on health service, government, social institutions and non-profit organizations, as well as general business and industry. They offer complete IT solutions and extensive capabilities for both business questions and organizational problems, with a product portfolio that includes solutions developed in house as well as by SAP R/3. All for One is a certified SAP Systemhouse.

Founded in 1978 as Unternehmensberatung Härle with a focus on consulting in technological issues, All for One Systemhaus has evolved into an independent, service oriented systems and consulting company. It became a joint-stock company in 1998, with a revenue turnover of more than 54 Million DM /27 Million EUR in the fiscal year 1998/1999. The company has completed more than 500 complex projects for SMEs and large-scale enterprises.

Getting the UNIX-based Applikation DCPA onto Windows

All for One Systemhaus' Data Capture and Processing Application (DCPA) is installed on more than 3000 server systems worldwide, including 1500 installations in Germany alone. This versatile application meets all the requirements of professional data capture and data entry by offering an in-build programming environment that includes programming tools. Additionally is the integration of Automatic Character Recognition OCR/ICR. This software environment is structured in modular form and has four main application areas:

- Solution for professional data capture and data entry, including complete validation functions
- Development system for standard solutions
- Target system for Nixdorf 8850 users (including migration tools for programs and data)
- Integration in Automatic Character Recognition OCR/ICR

DCPA supports all standard data processing functions, including:

- A uniform, clearly arranged menu system
- Extensive possibilities for validating data to be captured
- An integrated high performance file system
- A full-screen editor for screen painting and format generation
- The DPL 4GL programming language with additional 4-GL tools
- Communication with hosts via menus (dialog and batch)
- Data capture keyboards for fast mass data capture
- Integration in Automatic Character Recognition OCR/ICR
- Various interfaces to other applications and tools

Interfaces to open software systems allow integration of DCPA in other application areas, as well as the access of other file systems and relational databases. Additionally, the DCPA-ODA server data processing via ODBC and Internet/Intranet access with DCPA HTML is also implemented.

Although robust, DCPA was only UNIX-based, with administration know how that was also strictly UNIX-based.

MKS Toolkit for Developers—Easy Login Re-Build Function

In searching for a solution to broaden the market appeal of DCPA into the world of Windows, All for One learned about MKS Toolkit for Developers and quickly realized the KornShell utility would provide the ideal solution for rebuilding their existing UNIX login for Windows environments. This would then allow for them to bring DCPA onto the Windows platform with ease, while providing a familiar look and feel to its users.

The implementation worked perfectly and now a set of MKS Toolkit commands and utilities ship with every DCPA Applikation delivered to customers using Windows.

Recognizing the breadth of the product, All for One additionally sells the complete MKS Toolkit for Developers product to end users with UNIX/Windows interoperability scripting issues.

In short, MKS Toolkit for Developers has become a key part of All for One Systemhaus' immediate solution, current product line, and plans for future growth. Since beginning of 1998 the software DCPA including MKS was installed on about 175 Windows Servers all around the world: from A Australia and C China/Macau thru USA/Canada to Z Zimbabwe.

For more information about All-For-One please visit:

http://www.all-for-one.de
http://www.dcpa.de