Roke Manor Research

Even Rocket Scientists Need Help With SAP®

SITUATION

Roke Manor Research develops communications and electronic systems for civil and defence uses. It is one of the UK's top companies for patent filings.

Prior to the decision to deploy ERP²™, there were several labour-intensive SAP® applications in use at Roke Manor that were taking up a great deal of valuable time and resources.

These included general ledger postings that entailed the uploading of large journals (400 plus lines) and making changes to HR master data (changing annual holiday entitlement, cost centres, activity types etc.). Other lengthy tasks included changing the asset master data task (changing the depreciation life of a certain asset class from 2-3 years) and creating material master records.

SOLUTION

As from July 2002, Roke Manor Research has been using ERP² in their SAP data transactions. They have subsequently saved on a monthly basis half a person day's work on their general ledger postings, and changing the asset master data became a one-off task taking comparatively very little time.

Similarly, utilising ERP² when changing the HR master data saved weeks of work, and creating the material master records became another one-off task which otherwise would have required 3 weeks' work.

SUMMARY

Roke Manor Research has been delighted with the Quadrate software, finding it extremely flexible and easy to use. Particularly impressive was ERP²'s ability to accept formulae, macros, cell references etc. within Microsoft Excel® as opposed to insisting on values being uploaded. The savings they have made to date on time, including costs and resources through using ERP² have boosted their business considerably, and they are continuing to find ever more effective uses for Quadrate's ERP² product.

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ERP²™ KEY FEATURES

Simple Three Step Process
ERP²® requires only three simple steps:
1. Record a transaction using the standard SAP® GUI
2. Add data into a template created in Microsoft Excel® or Access®
3. Upload data immediately or schedule an upload at a convenient time

Automatic Load File Generation
No need to manually map spreadsheets/databases to fields in SAP. ERP² can automatically create and map a new Excel or Access file for immediate use after the recording process.

Error Handling
Simple to understand error handling can optionally separate the records that failed, facilitating quick corrections and upload procedures.

Multiple Upload Mechanisms
ERP² can use BDC's, RFC's, BAPI's or GUI Scripting to upload data into all functional areas in SAP, including custom transactions.

Data Validation
Ensures that data being uploaded into SAP is validated correctly by all existing SAP validation mechanisms.

Data Backup
Provides a backup/rollback feature to store the existing data from SAP to allow some uploads to be reversed.

Respects SAP Security
No need to setup additional security and ensures users can only upload data that they could have done manually.

Header/Detail Uploads
Easily upload data for invoices, purchase orders and other entities where multiple line items exist for each record.

Transaction Stringing
Strings multiple transactions together that can be executed in one step to automate entire business processes.

Enterprise Collaboration
Share templates amongst other users with the inbuilt collaboration functionality. No need to purchase additional applications.

Scheduled Execution
SAP data uploads can be scheduled to execute when the SAP systems are least busy.

Centralized Application Security
Allows an administrator to centrally configure which features and SAP systems each user or group can access within the application.

Multiple File Formats
Data from both Excel and Access can be uploaded into SAP without the need for any conversions.

Flexible Licensing
Lets you choose from a licensing model that suits your individual requirements.

Flexible Pricing
Gives you the full functionality of ERP² for a set number of months or records. This allows you to use the product on specific projects where mass data uploads into SAP are required.

Template Editing
Allows users to modify existing templates without needing to step through the entire transaction again.

Data Manipulation
Supplies data manipulation functionality without the need for modifying your source data file.

Quadrate SOFTWARE

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