

Surtel Technologies

- Case Study -

Data Conversion Legacy System to JD Edwards EnterpriseOne



Surtel Technologies Pvt. Ltd.
Shagun Tower,
Block No. 317-322, III Floor,
Vijay Nagar Square, A B Road,
Indore - 452010, M.P.
India

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Surtel Technologies Pvt. Ltd.

Tel: +91-731-4069747

Email: info@surteltechnologies.com

Solution Summary

Our client is a leading manufacturer and distributor of chemical product. The client had inherited various ERP systems because of company accusations in recent years. Our task was to come up with a process that could be re-used and not dependent on an existing ERP system. Combining the clients various platforms and the use of a single software for all systems, we eliminate redundant processes and streamlined the effort. To upgrade from the legacy system to JD Edwards, there was an immediate need for a quick and seamless data conversion with the client's business and IT systems apart from providing application support to their existing systems.

Solution Profile

This Case Study is on the Data Conversion of various legacy ERP systems to JD Edwards EnterpriseOne database on AS/400.

The scope of the project included Data Conversion of Master files and History files from legacy ERP system to JD Edwards existing database on the AS/400. R S InfoCon analyzed the various legacy systems and proposes the solution which will meet the project deadline and minimize the coding for all the different legacy system.

Surtel introduced and developed the use of middleware tables, interactive review programs, and output reports concept. Middleware tables were designed to encompass data that would be needed in JD Edwards. The Legacy data was uploaded to the middleware tables. Once the data was run successfully into the middleware tables the user community could review their raw/validated data via interactive programs. This enabled the team a quick way to verify large amounts for accuracy. Also, reports were generated to capture key errors in the data. Once the data had passed the initial validation checking, then we upload the data into the corresponding JD Edwards Z-Files. After the Standard Z-File process was executed, invalid records were flagged with errors and none error records populated the JD Edwards files (i.e. F4101, F0101, etc.)

By using the Middleware table concept the client was able to re-use the newly created middleware tables and programs for additional legacy to JD Edwards conversion in the future. We controlled the Middleware tables by the use of a two digit code that distinguished which legacy system the data was coming from.

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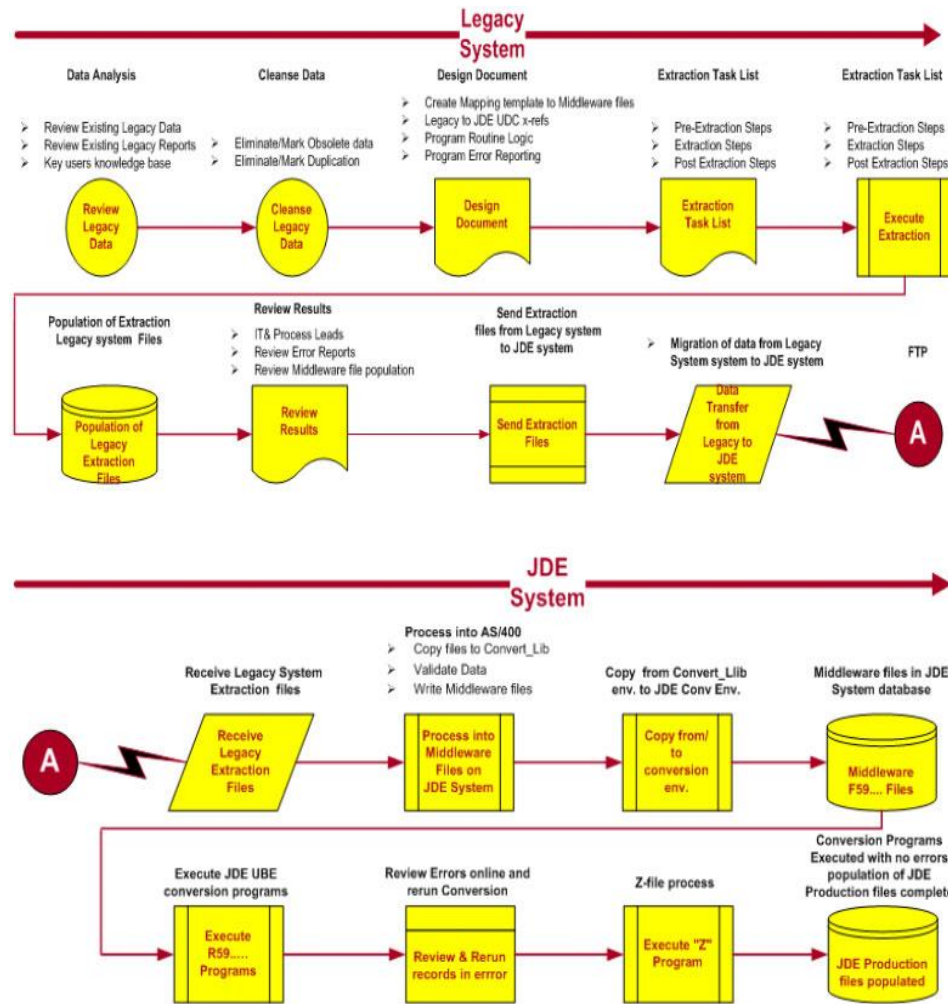
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Process Flow:



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The Middleware programs used a cross reference file which is driven by entity code. In the cross reference file we populate the legacy system value and corresponding JD Edward's value for that Category code or User Define code (UDC) i.e.: suppose in legacy system we have stocking type K (for Manufacturing goods) and in JD Edwards we have 2. Then in cross reference file we would populate the correct entity code, cross reference type, legacy system value and corresponding JD Edwards value.

Entity Code	Cross Reference Type	Legacy System Value	JD Edwards Value
XY	STKT	K	2

With the use of Surtel Methodology above we were able to layout the big picture of how the process will flow and work, which enabled us to open up the proper communication channels so we had the right people in place from the user community.

Distinguishing Feature

The project was delivered On Time, Within Budget and with no Compromise on Quality. Surtel consultants worked closely with the acquired company to understand the complete mapping process. Designed and developed the entire process. Using above method client saved both time and money. Client will use the same middleware programs and tables for their future legacy data conversion.

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