



Abstract

Many of the ABAP programs previously existing in the system that were extracting data from various sources and feeding it to the legacy warehouse were running very slow. There was a need to optimize them in order to get a better handle on the availability of data to end users



Challenges

The data warehouse design was such that many external feeds were first put into the legacy data warehouse and then into BW after scrubbing. In some cases there were multiple dependencies and the final output from BW was in turn feeding other reporting tools. In order to avoid delays and the data to be available to the business users at the beginning of the business day, it was important to remove the bottleneck created by the long running programs



The Solution

KPIT Cummins Consultants tuned the programs by removing code in-efficiencies as well as introducing better programming practices where necessary. Index were created on tables as required.

Value Delivered:

There was a dramatic reduction in the runtime of all the programs that were optimized, in some cases the time dropped from 14-15 hours to 1/2 hour.

**Computer/Printer Parts Replenishment
Business Intelligence System**

Products Utilized:

- SAP R/3 and BW Products
- HP9000 UNIX Server
- R/3 System 3.1H, using Informix DB
- BW 2.0A, System using Oracle 8.0 DB

Project Duration

- 2 Months

Role of Panex-KPIT Consultants:

- ABAP 4 Analyst

KPIT Cummins are a focused, and experienced IT consulting partner for industry leaders across the globe. Our core competencies in the manufacturing vertical include e-Business solutions, enterprise applications, business intelligence and data warehousing, application integration and embedded systems. Benefits of working with KPIT Cummins accrue from:

- Solution experts helping companies succeed
- Applying best industry practices
- Realizing the advantages of the Global Delivery Model (GDM)

Webfront: <http://www.kpitcummins.com>

Mail: request@solvcentral.com

Contact

India:	+91 20 56525201
UK:	+44 118 9519400
Germany:	+49 221 77 19 544
Japan:	+03 3242 3860
US:	+1 804 935 SOLV(7658)