



## Case Study

**Industry:** Finance  
**Dataorganisation:** DB2, DB2/UDB

### **tcVISION: Propagation of DB2 logfiles to a DB2/UDB- UNIX based EAI-tool**

The main use of tcVISION is the propagation of changed data from a mainframe DB2 environment into an EAI-tool. The EAI application uses a DB2/UDB database and runs on a SUN Solaris system.

The first intention to extract over 700 DB2 tables every night and transfer them to the corresponding DB2/UDB tables could not be implemented because the data volume that would have to be processed was far too large. Instead the plan was to implement the synchronization based upon changes contained in the DB2 logfiles.

Based upon automated processes tcVISION analyzes the DB2 logfiles, identifies the changes based upon LUWs and propagates the changes into DB2/UDB. It is important to also include all of the maintenance activities that have been applied to the DB2 tables (i.e.DROP/CREATE/ALTER TABLE) into the propagation process.

tcVISION identifies approx. 180,000 changes every day that have been applied to more than 700 tables. These changes are implemented into the EAI-tool on the SUN solaris machine.

The overall daily processing time is only about 30 minutes.

Also refer to: Example: [DB/2 Log-file processing and propagation into a DB/2 UDB database](#)

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