

THE FILLMORE GROUP

Relational Database Solutions

Customer Success

Customer: Circuit City

Industry: Retail

Circuit City has been in the retail electronics business for more than 50 years and currently has over 600 store locations. Circuit City provides technologies and solutions that make customer lives more enjoyable. Based in Richmond, Virginia, Circuit City has grown from a television store to a Fortune 500 retail giant in the consumer electronics business.

The Fillmore Group was contacted in April of 2006 and asked to provide services to Circuit City's IT Department. Circuit City had recently completed an elaborate SQL Replication implementation with their 600+ stores replicating to the corporate server in Richmond, using the SQL Replication feature of DB2 UDB version 8 release 2. The onsite IBM Global Services team recommended a healthcheck and design review.

In an 80 hour engagement the TFG consultant was able to analyze and review the current setup and configuration and to discuss findings with the IBM team members and client. The consultant made recommendations best practices to handle:

- replication design for stores by time zone and other varying criteria
- DDL changes and replication cold start impact (how to automate and disperse changes in a Hybrid centralized-distributed architecture)
- trigger dependencies on replicated tables
- the problem resolution process to speed retrieval should capture get behind in the logs in situations when using TSM and replication.

