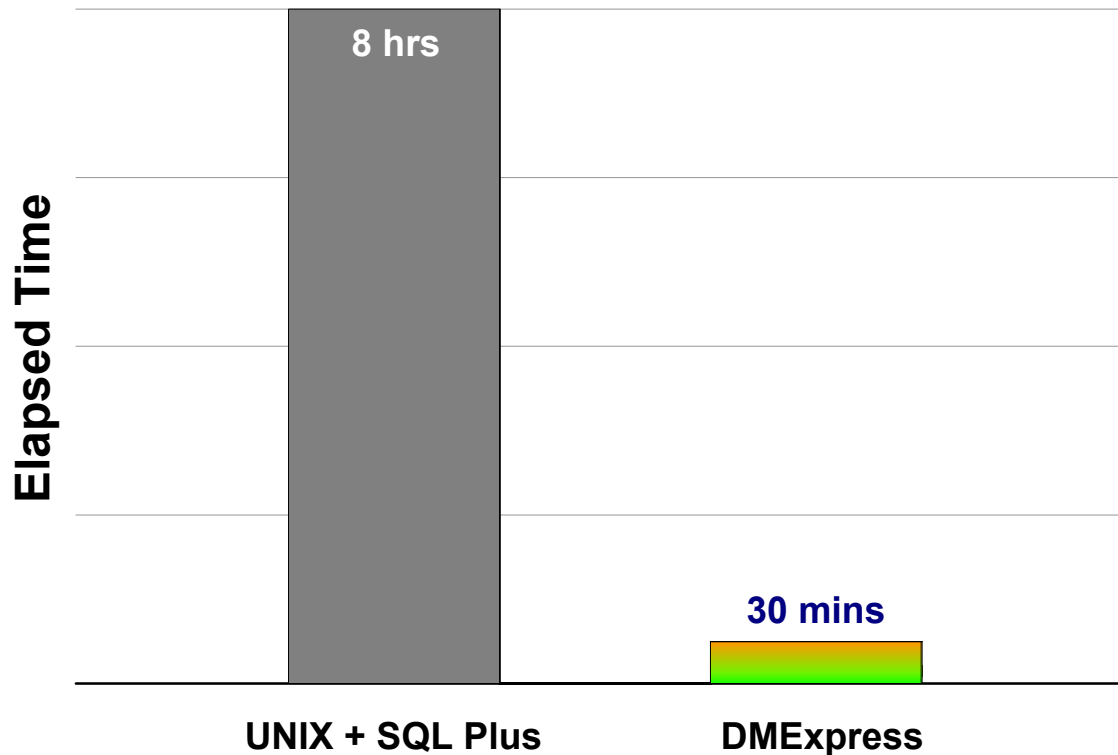


DMExpress. Get it done faster.



Good Technology Boosts Transaction Processing Application by 93% with DMExpress



Organizational Profile

- Industry leader in enterprise systems for corporate messaging and mobile application access

Business Needs

- Minimize the elapsed time of daily transaction processing application
- Apply various transformations to high volumes of data to allow for simplified analysis

Environment

- SUN 420R with 4 CPUs
- Oracle 9i data warehouse
- UNIX Utilities
- SQL Plus

Benefits

- 93% performance improvement in the processing of data
- Use of join, append, and lookup operations efficiently transform 35 million rows of transaction data per day

“Not only were we able to improve the performance of our transaction usage application, we also gained functionality through the use of the DMExpress GUI.” – Simon Ha, Database Administrator



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The Challenge

California-based Good Technology offers corporate customers the capability of accessing various mission-critical enterprise applications via PDAs and other handheld devices. Mobile workforce employees can access Microsoft Office, Oracle, salesforce.com, and Siebel through wireless networks.

It was while funneling transaction usage data from a variety of live collection points that Good Technology ran into a processing bottleneck. This transaction data— which can be likened to an individual's cell phone usage—was needed for analytical purposes at Good Technology's accounting and marketing departments. Because of the 24/7 nature of operations at the company, raw data was continually streaming in, sometimes at the rate of 35 million rows per day. The problem was that the processing, which was done using SQL Plus and some native UNIX utilities, was taking 16 hours.

The Solution

Good Technology requested a proof of concept from Syncsort—who in turn committed to a demonstration of a significant elapsed time savings with the implementation of DMExpress on this mission-critical application. Using 18 million rows of actual production data, which would have taken about eight hours to process under the then current conditions, the engineers at Good Technology ran a sequence of DMExpress steps and were able to bring the processing time down to just 30 minutes. Very pleased with their proof of concept outcome, Good Technology licensed the Syncsort product.

The Benefits

“Not only were we able to improve the performance of our transaction usage application, we also gained functionality through the use of the DMExpress GUI,” says Simon Ha, Database Administrator at Good Technology. Join, append, and lookup operations are now easily and regularly applied to up to 10 gigabytes of data per day. Results have been so satisfactory, in fact, that Good Technology is planning to expand the use of DMExpress to other departments within the company.