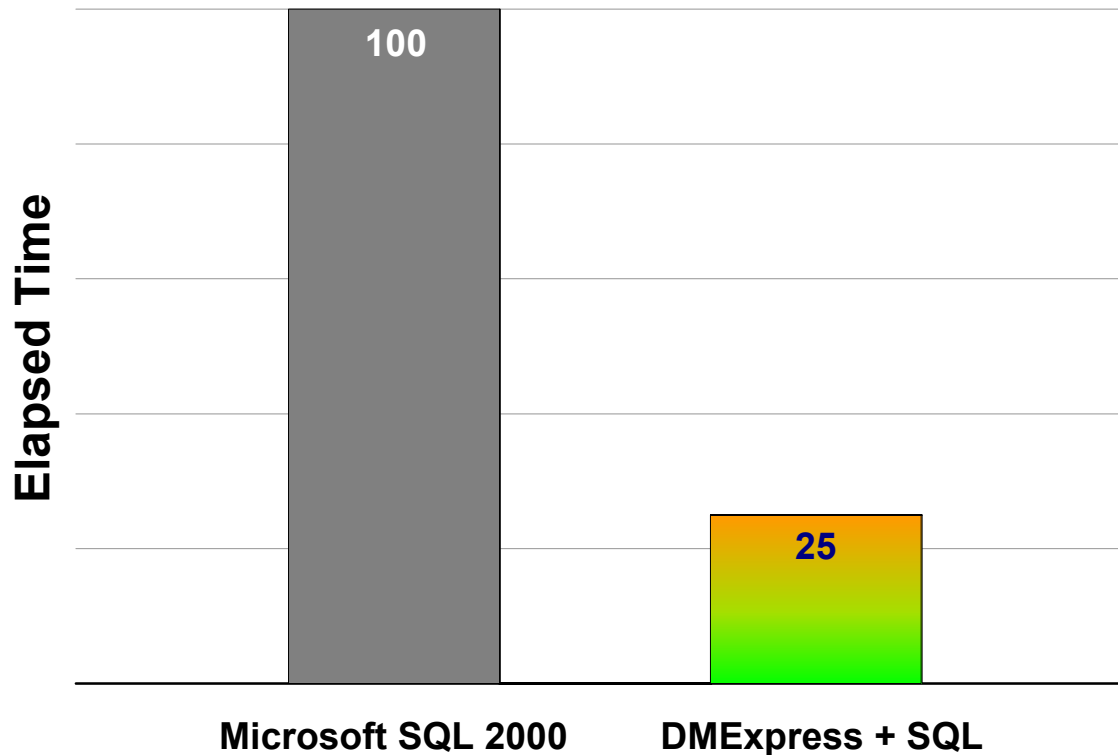


# DMExpress. Get it done faster.



## GALOSI Speeds its Business-Critical Application by up to Four Times Faster using DMExpress



### Organizational Profile

- Innovative Recovery Auditing Services provider
- Performs comprehensive reviews of a client's Accounts Payable and Purchasing Systems to find lost profits

### Business Needs

- Minimize the elapsed time of key recovery auditing application
- Transform and join files to simplify analysis

### Environment

- Windows 2000 Server with 2 CPUs
- Microsoft SQL 2000

### Benefits

- Auditing recovery application now runs in 25% of the time
- Transformation, join, and aggregation operations efficiently scrub the data for easier analysis of a smaller volume of data
- Use of metadata simplifies and speeds application development

*"Compared to just using Microsoft SQL 2000, DMExpress is approximately three to four times faster." – Joaquin Lopez, CIO*



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### The Challenge

GALOSI is one of the most innovative service providers in the Recovery Auditing Services industry, performing comprehensive reviews of each client's Accounts Payable and Purchasing Systems to uncover lost profits. In order to find duplicate payments, GALOSI was using Microsoft SQL 2000 but performance became an issue. The company was also limited by the type of data that could be used. CIO Joaquin Lopez explains, "I need to be able to process different formats. For example, sometimes the information will be in a flat file. With SQL I have to import the data first before I can use it, so it became a two step process."

### The Solution

Lopez decided to take advantage of Syncsort's proof-of-concept offer in order to test the power and performance of DMExpress in the application. "DMExpress completed the processing of the large files that I deal with in a very short amount of time. Compared to just using Microsoft SQL 2000, DMExpress is approximately three to four times faster," Lopez adds. The files vary in size from 50GB to 100GB, depending on the client. Once the data is processed down to only the information needed, the file size is reduced. For example, a 50GB file can end up being 10GB after processing. Then Lopez only examines one vendor at a time for a customer, so the data usually consists of less than 2GB a session.

### The Benefits

Not only did GALOSI improve the performance of the application, but the company also gained the functionality it needed. "With DMExpress, I can work directly with a flat file to redefine the record layouts and start using the information. It also helps that DMExpress works with metadata. I receive information from a number of different files, but I like to provide our auditors with just one because it's easier for them to examine the data. In order to do this, we'll join the files using the metadata." Utilizing the DMExpress ADM component in the application, Lopez was able to divide two numerical fields in a record to produce another field needed for analysis. The Join feature was also used to associate duplicate payments, while Summarization was used to filter by occurrence for certain payments.