

# DATABASE PERFORMANCE & OPTIMIZATION

The premier solution for addressing your database and application performance issues.

When it comes to your production database, query performance just has to be fast. That's why finding the quickest way for your data to get from Point A to Point B is crucial. Fast means better user experience, better response time, better everything, all on less equipment and at a huge cost savings to you.

## Why is Database Performance Optimization so Important?

Studies show that 80% of all database performance issues are query-related. In the digital age, database performance affects the end-user experience, the life of the hardware, and the overall cost of the infrastructure. By utilizing our proprietary processes, the results can be both dramatic and immediate.



## What Can Proper Query Tuning Really Do?

A properly tuned query can help a business keep IT spending down. By improving transaction performance by up to 90%, businesses can defer—or even eliminate—unnecessary hardware purchases. And by improving the user's experience, increased revenue and profitability become a reality.

*I am convinced Technology Partners and their team were able to save Enterprise millions of dollars on hardware upgrades.*

Senior Manager  
Enterprise Rent-A-Car

WE SEE AN AVERAGE OF

**90%**

IMPROVEMENT IN  
TRANSACTION TIMES.

CLIENT SUCCESS STORY

## QUICKER FRAUD PROTECTION FOR CREDIT CARD PROCESSING

**Technology  
Partners**<sup>®</sup>  
Your Clear Choice in IT™

# Needing faster fraud detection, a major credit card company looks to Technology Partners to tune up the process.

### The Challenge

A major credit card company wanted to reduce the fraud detection process for their cardholders. The current method took around 3.5 hours, which meant that their customers were not getting notified quickly of fraudulent activity. They spent **two years looking for relief** from multiple sources, but there was no improvement in performance.

### The Plan

Technology Partners was brought in to alleviate the extreme lag time in fraud alerts. Using many performance tactics such as indexing, SQL hints, histograms, stored outlines, and materialized views, our query-tuning expert sought to tweak the queries for a faster return. In addition, we looked to mentor the client's team of Oracle DBAs on how to address future issues in performance, providing the client with a **sustainable plan going forward**.

### The Results

Fraud detection time **decreased from 3.5 hours to 20 seconds** after less than a day of tuning. With fast alerts, customers could react quickly to fraudulent activity, making for a better customer experience. The established tools and tactics set by our specialist are still used today to provide similar results on other systems.



Over 600x increase  
in performance speeds  
leads to big results

### 49% of Online Shoppers

expect a website to load  
in less than 2 Seconds

Find more success stories at  
[technologypartners.net/success](https://technologypartners.net/success)  
and see how you can utilize  
our decades of experience to  
give you added peace of mind.  
**Together is just better.**



When you're ready to put the fastest technology at your fingertips, and need a smart plan of action to make it happen, we are Your Clear Choice in IT.

**WE SHOULD TALK.**

**Technology**  
 **Partners**<sup>®</sup>  
Your Clear Choice in IT<sup>™</sup>

Call us today: (877) 636-1331  
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