



# Success Story

Baron Software Case Study | DB PowerStudio®

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*"Projects to conduct a full server analysis that used to take three to four weeks, have been reduced to two weeks. In other words, we have close to 30 to 40 percent in time savings using Embarcadero DB PowerStudio, and investigations are so much cleaner."*

– Richard Baroniunas Chief Developer and Owner



**DB PowerStudio®**

## Introduction

Founded in 1992, Baron Software is a software development consulting firm that works with customers in the New York region. Its main area of focus is projects for enterprise-level medical, financial services, and sports industries. A majority of Baron's work is helping customers with database development, analysis and reporting, as well as software development on multiple platforms. For many years the company has relied on Embarcadero DB PowerStudio to help streamline SQL DBMS (database management system) analysis and management while increasing productivity and performance.

## Challenge

According to Richard Baroniunas Chief Developer and Owner, a majority of Baron's clients have Microsoft SQL Server as their DBMS. "Typically clients ask us to see what can be done to make their systems faster and/or troubleshoot other issues. For some time, we wrote our own procedures in-house, and used that to abstract information to check server performance."

As with many mission critical needs, turnaround time became an issue. "It became increasingly important for us to be able to do our assessments quicker and get out in as little time as possible so clients could get back to work," he says.

At the same time, assessments are highly complex processes that required a great deal of time and effort, Baroniunas adds. "It takes time to set up a test case

and determine where the bottlenecks are – whether it's because of internal cabling, setup and configuration or the server itself. We needed to find a way to automate some of the functions.

## Solutions

In 2014, Baron Software began working with Embarcadero DB PowerStudio to streamline his assessment activities in the field. DB PowerStudio helps developers maximize availability, performance, and security of databases by providing a consistent and unified view for all major database platforms in one tool.

"DB PowerStudio provided us with a much faster method for getting things solved in a timely fashion," Baroniunas says. "Instead of using our own in-house app and SQL tools, the DB PowerStudio toolset is much more cost effective and efficient. Now I can simply use my notebook to connect with the client's SQL server, and use the DB PowerStudio tools to get to the production machines and see what is going on."

Baron Software has tried other solutions but has met with mixed results. "One solution broke down at times. Another was so broken up into modules that you had to purchase multiple products to make it complete. DB PowerStudio on the other hand comes complete and gives me everything I need. The best part is Baron Software technicians are able to find the bottlenecks, do a performance analysis, and get the documentation completed much more quickly."

## ORGANIZATION

Baron Software

## APPLICATIONS

Software development consulting firm specializing in SQL DBMS analysis

## TOOLS USED

Embarcadero®

DB PowerStudio® DBA Edition

RAD Studio

## CHALLENGES

- Growing customer demand for faster DBMS analysis
- Increased market competitiveness
- Need to automate highly complex analysis processes

## RESULTS

- 40% reduction in time spent at customer sites
- Streamlined reporting processes
- More time to focus on new revenue opportunities

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Recently Baron Software switched to the Embarcadero DB PowerStudio DBA Edition. Components include: DBArtisan for rapid database administration; Rapid SQL for producing fast, accurate SQL Code; DB Optimizer to enable faster discovery, diagnoses, and optimization; and DB Change Manager Simplify for managing database changes across development, test and production environments.

Baroniunas says he especially likes the Rapid SQL code analysis tool. "That has definitely bailed me out a couple of times. It's phenomenal because it saves time and is cost-effective for us, especially since we're a relatively small office with a limited number of employees. Ultimately it gives us the ability to increase our services and generate new business."

He also loves the ease of use. "Because it's very easy to use it's a no brainer for me. Of course 25 years of experience in the business helps."

#### **The Results**

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Clients appreciate the fact that there is less time spent on site. "Before we had to document everything, which seemed to take more time than setting up the tests. Now we can see the results faster, determine what they need to do to move on, and make recommendations on such things as reconfigurations on RAID, memory consumption, or whether server upgrades are needed."

The clients for their part can benefit from the productivity gains of having their SQL DBMS working in top form, he adds. "By pointing out where they need to either fix, configure, or upgrade things, we save clients a good deal of time and money. You might think of it as a timely tune-up."

With the time saved, Baron Software can now focus on its in-house product development. "Our business began with the development of our help desk product called 'Manage-It!'. With DB PowerStudio the staff can now use the additional development time to strengthen the product."

Development and design are done with Embarcadero's RAD Studio, which is a complete software solution

for rapidly designing, coding and extending connected apps across Windows, OS X, iOS, Android and IoT. "Along with DB PowerStudio, Baron Software can streamline the SQL Server performance for 'Manage-It!'."

As far as support is concerned, Baroniunas says Embarcadero has delivered on every front. "I love everybody over there. Those guys are great. And I can easily learn something new with just a 20 minute skills presentation weekly."

In fact, Baroniunas is so impressed with DB PowerStudio, he's happy to pass on the benefits to his clients. "In our business, clients tend to look over your shoulder. I'm not afraid to tell them about Embarcadero DB PowerStudio because it does such a great job."

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