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## 5 Years of Performance & Growth for Billion Dollar Regional Bank with DBI's pureFeat™ Suite of Tools

### Ohio Based Banking Institution

This case study highlights a regional Midwestern bank and holding company with under \$100 billion in assets across a network of hundreds of branches in six states. They and their affiliates provide consumer, small business, commercial, treasury management, wealth management, brokerage, trust, and insurance services. In addition, they also provide auto dealer, equipment finance, national settlement and capital market services that extend beyond its core states.

### Challenges

In today's modern enterprise, information is power; and database systems are the predominant technology for storing, managing, and accessing the data that enterprises use to mine information. Now, as in the past several decades, DB2 is one of the leading enterprise database systems on the market. It powers some of the most significant businesses in the world, including the banking organization referenced above.

Ever changing business requirements can create stress for any IT environment, regardless of size or scope. It can be a constant struggle to keep systems in sync with business demands, from both management and customers. DBAs need to exert constant vigilance over performance and availability of their DB2 environment. Even the slightest dip in performance can critically impact the business, resulting in lost revenue or damaged

DBI CONTACT INFO.



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customer relationships. Add in business intelligence, ecommerce, and other growth factors, and you'll need tools that can keep your team ahead of the curve.

This major banking institution had built a solid foundation on its DB2 environment. But like many DB2 users, they needed additional tools that would help them maintain high performance and availability, while avoiding costly hardware upgrades. Additionally, improved customer satisfaction through improved system response times, as well as improving productivity throughout the organization would be beneficial. For almost five years, their tools of choice have been DBI's best-in-class performance monitoring, tuning, and trending tools for IBM DB2-LUW.

Prior to using DBI's tools, the bank's DBAs were having typical DB2 problems. How many times during the night did a query run? Is our high CPU usage due to bad indexes? How is the SQL database performing? With just DB2, they could not easily get the answers they needed. This spurred them into action – they needed tools, and they had some serious tuning to do!

### How DBI Helped

Using the DBI pureFeat™ suite of tools has helped the company avoid costly hardware upgrades. According to their DBA, "DBI tools helped us to eliminate 99% of IOPS from 13,000 to 107 in less than half a day avoiding a costly storage upgrade." Tuning to lower I/O activity rates provides improved response times, lower energy consumption by disks, and increases the mean time between storage failure events. It's all about speed, stability, reliability, and uptime. No one likes a slow system, and a system that is unavailable can result in lost revenue or worse consequences. Fast systems make people happy, improve productivity, and increase revenue.

Before the deployment of DBI's pureFeat™ tools the DBA team were doing everything manually, "We had to use database snapshots and IBM's Optim Performance Manager." It was taking them hours, and sometimes days to produce answers. With the help of DBI's tools, they were able to get real time results!

Additionally, the DBA team loves the ability to plot long-term historical trends, "Before DBI, we had to say that we did not have an answer, and now we do!" DBI's Brother-Panther provides performance trend charts for key metrics over any captured historical time period along with integrated significant change events plotted on the performance graphs. With this capability, the DBA team can visually see, compare, and verify the performance consequences of configuration changes, memory changes, STMM memory changes, registry variable changes, index changes and more. Chart drill downs show the DBA details of the tracked changes. If you want to have

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confidence that a change actually improved performance, or if you want to trust STMM to optimize memory performance, this capability is essential!

Deploying *DBI's pureFeat™* for DB2 LUW showed an *immediate increase* in performance monitoring, query stability, and uptime for this organization.

### Results & Future Plans

DBI has award-winning patented tools and certified industry experts to help you reach your performance goals. Deploying DBI's **pureFeat™ for DB2 LUW** showed an immediate increase in performance monitoring, query stability, and uptime for this organization. They were also able to reduce resource usage without adding expensive hardware.

As their business grows, they know that DBI has their back. "DBI is family. Scott Hayes is encouraging, motivating, and supportive. Their customer support is great!" DBI Software is their trusted partner for breakthrough DB2 performance solutions that deliver real, bottom-line results for their most demanding requirements and discriminating preferences.



## 15 Second Challenge

*In 15 seconds, our **patented, award-winning** systems will tell us exactly where the problem is, and if you give us the greenlight, we typically have the problem fixed in **two hours or less**. If we do not bring significant, measurable, and rapid improvement, we will donate **\$10,000** to the charity of your choice.*

### How We Can Help.

Contact DBI today toll free at:  
**(866) 773-8789**  
to take the 15 Second Challenge.