Drive Savings and Reduce Risk in Your DB2 for z/OS Environment
Spiraling Costs from Complexity and Constraints

Nearly every major company around the world employs IBM DB2 for z/OS in support of their mission-critical applications. But they’re finding it increasingly difficult to manage this environment cost-effectively.

Too Much Complexity

Many organizations are using multiple DB2 tools from different vendors for database management, security and backup and recovery processes. This means:

• More individual contracts, vendors and products must be managed.
• More manual procedures related to database administration, recovery and performance must be followed, even among the same vendor’s products.
• More resources must be applied to support and maintain the DB2 ecosystem.
• More overall costs accumulate as a result.

Too Many Staffing Challenges

Database Administrators (DBAs) are often dedicated to specific DB2 tools given the resource demands and knowledge needed to effectively use them. Inexperienced staff are unprepared to quickly take the reins. Growing DB2 data stores, smaller backup windows and the need for 24/7 access to applications add to the burden and risk.

Too Many Financial Constraints

All this complexity is adding to business expense – from increasing software license fees to costs associated with performance degradation. As managing it continues to chip away at IT budgets, little is left over for strategic initiatives.

Sound familiar?
Achieving Measurable Savings, With Less Risk

Using a complicated mix of DB2 tools from different vendors quickly becomes ineffective and expensive. But replacing them – and potentially jeopardizing the availability of mission-critical applications during the transition - seems just too risky.

However, there are ways to streamline your DB2 tools, while minimizing the risks and complexities and achieving measurable savings. But you need the assurance of a proven methodology, such as what you can find with the CA Technologies Mainframe Software Rationalization Program (MSRP).

Following this program, you’ll be able to:
- More rapidly analyze and assess the usage of your current DB2 tools to pinpoint redundancies and inefficiencies
- Identify particular DB2 tools to be converted, and then use an automated process to quickly migrate them to comparable (often higher-performing), but lower-cost replacements
- Rely on an auditing capability to confirm a successful migration

This proven end-to-end approach is designed to reduce risk and speeds business results so you can reap savings faster.

Save Big Bucks

On average, 11 customers who participated in our Mainframe Software Rationalization Program achieved an impressive $904,545 in estimated annual savings.*

Improve Service, Keep Costs Down

The Navy Federal Credit Union, serving more than over 3.6 million U.S. military and Department of Defense personnel, needed to keep its services highly available but without added cost.

By consolidating on CA Technologies DB2 performance solutions, DB2 transaction throughput increased by 30%. Meanwhile, DB2 distributed CPU usage decreased by 40% for cost control and efficiency.

*The annual savings above are estimations derived from analyses of CA Technologies customer contracts. These values are not a guarantee of achievable results and will vary depending on your current infrastructure, people and processes, as well as the appropriate, effective implementation, adoption and use of the CA Technologies solution.
Generate Savings: Transform IT Staff and Systems into Star Performers

The last thing your enterprise needs is sluggish performance and costly downtime. An integrated solution that automates processes to optimize productivity and minimize risk will help you prevent this.

Your staff can function as IT superstars when they have the automated capabilities to:

- Capture performance metrics and employ drill-down capabilities to identify the root cause of performance problems
- Proactively detect and correct problems with tool-assisted guidance before they cause service or compliance issues. This is especially critical during application development, when any unintentional errors introduced in the process could end up being built into other applications going forward.
- Manage and adjust cross-enterprise database performance more efficiently within an easy-to-use workspace

*This ability to continuously monitor and rapidly address performance issues is what your IT team needs to outwit downtime and deliver 24x7 data and application availability.*

Performance to the Max

If your DB2 tools aren’t integrated, you’ll find it hard to identify the culprit behind performance problems in your enterprise. CA Technologies provides an advanced suite of integrated DB2 tools for this reason – so your staff can more easily capture and analyze all the information needed to determine what is impacting performance – then optimize it to more effectively meet service-level agreements (SLAs) and other business requirements.
Crush Costs and Unlock Savings with Automated Database Administration

Database administration costs can quickly get out of hand in complex DB2 environments. Automating as many routine tasks as possible will help you streamline operations so they can be completed by your IT staff faster and more cost-effectively, regardless of their experience level.

You can increase productivity and capture real savings when you use CA Technologies integrated tools to automate the following functions:

**Object Migration and Alteration**
Make global changes to your DB2 databases and deploy them online more easily.

**Object Comparison**
Simplify the way you compare and synchronize your DB2 structures.

**Catalog Navigation**
Benefit from an interactive tool that quickly retrieves, integrates, analyzes and presents information from the DB2 catalog in multiple report formats.

**Data Archiving**
Automatically archive old or inactive data to increase performance.

**Application Development**
Enable easier development by automating complex extraction, copying and moving of related and logically interconnected objects.

**Data Unload, Data Load, and Data Cloning**
Perform data unloading and loading at high speed, while allowing data cloning to be accomplished without unloading or loading data.
Optimize Database Backup and Recovery for Better Performance and Reduced Risk

The longer it takes you to perform backup and recovery in your DB2 environment, the longer your mission-critical data and systems are unavailable.

The impacts can be costly, with productivity, compliance and your ability to meet service-level agreements all at risk.

You can avoid these consequences and support high availability by employing flexible tools that enable you to:

- Safely and rapidly perform backups and recovery. For example, you can speed up these functions by recovering files while making original data available for read-only access. Or you can compress archive logs to keep more data on disk and accelerate future recoveries.
- Provide automated, standardized recovery at any data center, remote or hot-site location: This includes being able to automatically analyze DB2 data, so you can streamline processes to create efficient recovery jobs.
- Easily recover all your DB2 data – at the object level, application level or for entire subsystems.

Knock Out Risk and Resource Requirements

Tools that enable you to perform automated, comprehensive data backup and recovery without impacting DB2 systems, applications or data availability will help eliminate downtime risks. They’ll stop the drain on your IT staff and CPU resources, as well.
Why CA Technologies?

Ultimately, you need to eliminate inefficiencies and costs from your DB2 for z/OS operations so you can move closer to functioning as a dynamic data center. Because when you do, you’ll be able to respond with agility and velocity to business demands, so your company can grow and prosper. We can help you achieve results faster through:

A robust portfolio of integrated products that enable you to simplify DB2 management, administration and backup and recovery activities.

“[We achieved] consolidation of tasks via a suite of integrated products...plus solid performance and quality of service with CA DB2 Tools.”
IT Director, Large Enterprise Transportation Services Company

Unique technologies that help experienced DBAs, mainframers and newcomers alike function at peak performance in your IT environment.

“CA DB2 for z/OS Tools were easy to use which allowed us to train newer team members at a much faster rate and also assisted us with better client service.”
IT Specialist, Large Enterprise Computer Services Company

A proven approach to help you simplify your cross-platform DB2 environment via mainframe software rationalization and consolidation.

“We replaced IBM with CA DB2 for z/OS Tools and achieved 20% in cost reductions.”
Procurement Director, Global 500 Computer Services Company

Our experience as a worldwide marketing leader in Mainframe DBMS Management
To learn more about our market-leading technology solutions and how they can help you achieve real savings in your DB2 for z/OS environment, contact us today.

ca.com/db2