



We need our MIPS to do more.



Mainframe Performance Solutions — Product Portfolio

Delivering superior performance gains, capacity,
and scale using existing hardware and applications

DataKinetics® mainframe performance solutions are the standard in organizations around the globe whose businesses rely on high-volume, mission-critical transactions: banks, insurance companies, brokerage houses, retail companies, and credit card processing companies.

DataKinetics mainframe performance solutions are the standard for 20% of Fortune 50 companies

Mainframes are the heart of organizations that rely on mission-critical transactions. And, at the heart of the largest credit card company in the world, DataKinetics tableBASE® is running 13,000 transactions a second per processor. The transactions involve an average of 40 lookups per transaction. The result: 520,000 lookups a second, or 31 million a minute.

DataKinetics tableBASE — superior performance gains

Our flagship product, DataKinetics tableBASE, real-time in-memory optimization software, boosts mainframe applications to achieve greater throughput. tableBASE reduces mainframe resource usage, allowing for much faster applications, especially in high-volume, mission-critical transaction processing environments.

Business value

- Improve performance by decreasing loading times
- Improve operations by eliminating need to coordinate changes to multiple copies of data
- Improve operations by eliminating errors caused by differences among the multiple copies of data

Highlights of tableBASE:

- ▶ Define, build, maintain and manage in-memory tables
- ▶ Assemble data from multiple sources into a temporary table for subsequent processing or renderings
- ▶ Place reference data and rules in read-only tables
- ▶ Replace sort with a virtual sort using alternate indices that can be defined on the fly
- ▶ Replace logic trees with decision tables
- ▶ Use tables as a write through cache
- ▶ Optimize table search

DataKinetics tableBASE VTS — multiple regions, multiple data spaces

With DataKinetics tableBASE VTS, further reduce your consumption of mainframe resources.

Business value

- Reduce CPU usage by up to 40%
- Reduce program execution time from hours to minutes
- Reduce time to implement changes from months to hours
- Reduce time to deliver new applications or updates
- Reduce maintenance requirements

Highlights of tableBASE VTS:

- ▶ Eliminate the loading of local table space region (TSR) on initialization
- ▶ Ensure all application copies have identical data
- ▶ Share data between applications
- ▶ Overcome processing bottlenecks between applications
- ▶ Facilitate integration during corporate mergers and acquisitions
- ▶ Optimize table search

DataKinetics tableBASE Process Manager — increase performance and decrease load time

DataKinetics tableBASE Process Manager improves the table change-control workflow.

Business value

- Achieve operational efficiencies
- Improve performance
- Reduce load time

Highlights of tableBASE Process Manager:

- ▶ Share tables across logical partition (LPAR)
- ▶ Switch all applications to use new data simultaneously
- ▶ Simplify the deployment of new software from test to production environments
- ▶ Decrease time to load local TSRs or virtual table space (VTS)-TSRs on initialization
- ▶ Coordinate the start up and shut down of VTS-TSRs

DataKinetics tablesONLINE — customizable front end

DataKinetics tablesONLINE® is a customizable and interactive front end to tableBASE enabling users to create, update, manipulate, test and process data tables.

Business value

- Deliver speed and convenience to staff who create, update, manipulate, test, and process in-memory data tables from within CICS and ISPF environments
- Control program complexity
- Reduce development workloads
- Reduce maintenance workloads

Highlights of tablesONLINE

- ▶ Multiple views, multiple tables – many-to-many editor
- ▶ Access controls and data validation is integrated
- ▶ Store metadata in tableBASE tables
- ▶ Store rules in a table for re-use in restructuring data
- ▶ Manage and edit tables and data from within your CICS and ISPF environments
- ▶ Support multiple formats of rows

Reducing infrastructure investment and improving efficiency

For over 30 years, DataKinetics has been delivering world-leading performance gains, capacity, and scale to the world's mainframes. DataKinetics has helped organizations cope with increasing demands in boom economies, and save money and prepare for growth in sluggish economies.



A long-standing IBM Advanced Business Partner, DataKinetics mainframe performance product portfolio includes:

- ▶ DataKinetics tableBASE®
- ▶ DataKinetics tableBASE VTS
- ▶ DataKinetics tableBASE Process Manager
- ▶ DataKinetics tablesONLINE®

We also provide professional services, training services, and technical support services to ensure the success of your deployment. Our technical support team is recognized for the reliable service and expert knowledge they extend to customers 24 hours a day, 7 days a week.

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About DataKinetics

DataKinetics®, the leader in critical information systems optimization, enables data centers within IBM System z Mainframe (z/OS) environments to achieve superior performance gains, capacity, and scale using existing applications and hardware. DataKinetics delivers distinct competitive advantage to global Fortune 500 companies to keep them a step ahead of the competition. For 30 years DataKinetics products have been enhancing hundreds of thousands of mission-critical transactions per second every day for banking, insurance, credit card, brokerage house, and retail industries—without fail. Visit www.dki.com for more information.