



**DATAKINETICS**  
Z PERFORMANCE & OPTIMIZATION



OVERVIEW

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# Products Overview

DataKinetics data center performance and optimization solutions are the standard in organizations around the globe whose businesses rely on high-volume transaction processing: banks, insurance companies, financial services companies, retailers, healthcare providers, and credit card processing companies. These organizations rely on DataKinetics to help them to improve system performance and capacity, and to reduce IT operational costs.

## tableBASE

tableBASE is an in-memory accelerator that manages mainframe-based high-performance in-memory tables for use in transaction intense corporate environments. It improves mainframe performance, makes mainframe data more accessible and available, reduces the need for upgrades, and greatly simplifies mainframe business rules processing.

### Highlights

- Reduce operating costs by increasing application performance thereby deferring costly hardware upgrades
- Create a predictable future cost model as workloads increase from new applications and marketing initiatives
- Process more transactions without buying more hardware

### Business value

- Improve data access time by 30x
- Reduce application CPU usage by 90% in extreme cases
- Reduce program execution time from hours to minutes
- Reduce time to implement business rules from months to hours
- Reduce maintenance requirements

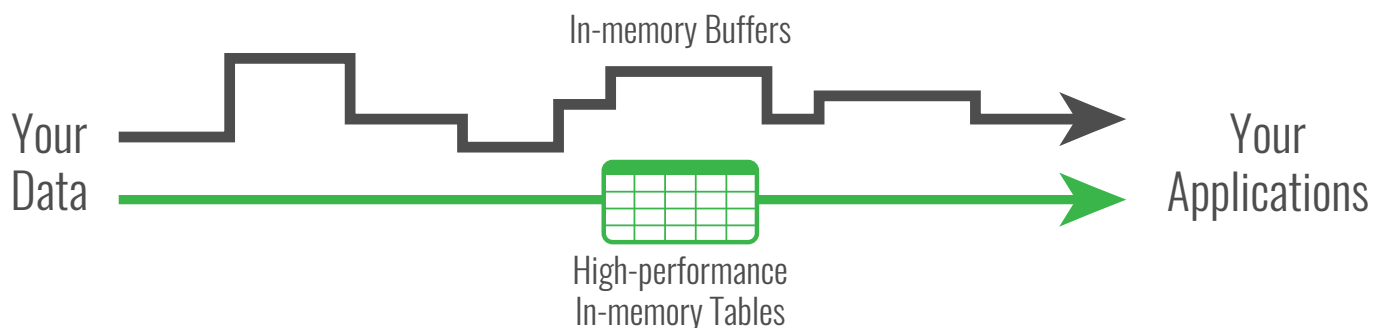


Figure 1: tableBASE High-Performance Mainframe In-Memory Technology allows applications to access data using a dramatically shorter code path



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### IT Business Intelligence

IT Business Intelligence—combining monitored technical information with business and costing information. It provides unique insights into the entire IT infrastructure, enabling the business and IT departments to make informed decisions quickly.

#### Highlights

- Provide BI for both mainframe and distributed systems
- Control capacity and costs—can reduce IT capacity-related costs by 15–20%

#### Business value

- Gain transparency into IT operational costs
- Better oversight of outsourcers and billing
- Include business and cost information in reporting

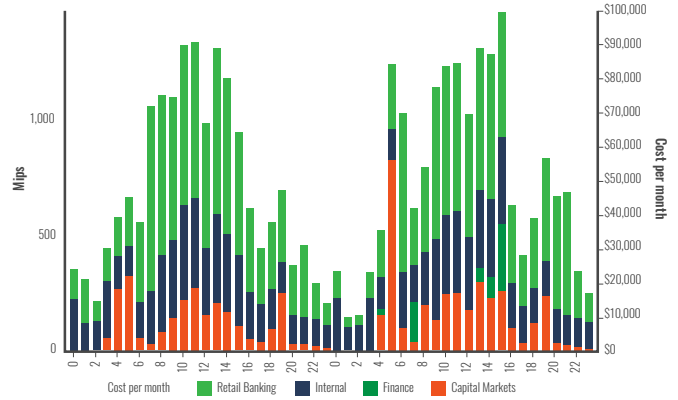


Figure 2: Business information showing resource usage and cost per month per department

### Automated Soft Capping

Automated Soft Capping is a systems management solution for IBM z System Mainframes that optimizes system performance while controlling WLC. It allows control of WLC by dynamically modifying the LPARs defined capacity limits taking into account the behavior and needs of all system LPARs.

#### Highlights

- Ensure that the right MSUs are in the right place, at the right time and for the right cost
- Provide a simulation mode that can demonstrate effectiveness of planned settings
- Easy-to-use and easy-to-install

#### Business value

- Allows current system hardware to handle greater workloads without impacting service delivery objectives
- Results in lower monthly billing for current workloads, using current system hardware
- Provides capacity on demand without increased or unplanned costs

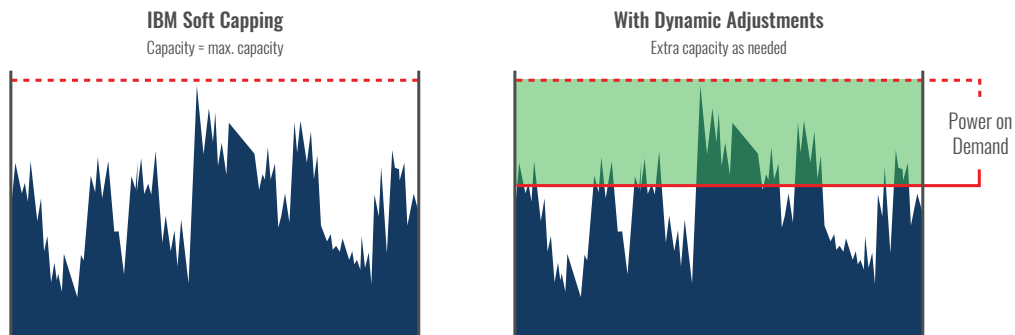


Figure 3: Soft capping without the capping – power on demand

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