



Optimize Your IT Infrastructure

DSI® can analyze, optimize, and virtualize your server solution to reduce costs and improve performance

Data Systems International, Inc.
IT Optimization Analysis

DSI® offers a complete infrastructure analysis:

- Total Cost of Ownership Analysis
- IBM System i Performance Analysis
- IBM System x / BladeCenter CDAT Analysis

DSI® offers a full range of IBM servers and IT infrastructure solutions:

- IBM Power™ Systems
- IBM System i™
- IBM System x™
- IBM System p™
- IBM BladeCenter™ Solutions
- IBM Storage Solutions
- High Availability and Disaster Recovery Solutions
- Consulting Services
- Configuration and Installation

Take a good look at your data center stats and consider these questions:

- Are server maintenance and energy costs devouring your IT budget?
- Does your server capacity and response time fail to meet demand?
- Do you plan to install new applications or upgrades that will increase demand on your current system?
- Are you running out of space in your data center?
- Is your company reducing its carbon footprint and/or “going green”?

If you answered yes to any of these questions, it's time to call the server solution experts at Data Systems International® for an IT Optimization Analysis.

Identifying Your Infrastructure Pain Points

As one of the largest IBM Premier Business Partners in North America, DSI®'s certified server solution experts can analyze your existing server infrastructure and identify opportunities for cost-saving optimization.

DSI helps companies optimize their data center infrastructure using new, energy-efficient IBM hardware, server consolidation, and virtualization strategies to:

- Reduce server maintenance costs
- Reduce data center power consumption
- Increase server capacity
- Improve server response time
- Reduce total cost of ownership
- Achieve corporate objectives for high availability and disaster recovery



Data center
with 200 servers

BEFORE AFTER

As illustrated here, in just three years IT optimization using IBM servers can eliminate **180 servers** **135 sq.ft. of space** and **1,080 ft. of cable** to yield a savings of **\$349,839** (1,863,988 kWh of power).



Understanding Your Current Infrastructure

The first step in DSI's IT optimization process is to gain an understanding of your current infrastructure, such as:

- How many servers do you have, and what type of servers are they?
- How much does operation and maintenance of those servers cost?
- What effect do current server capacity limitations have on your operational productivity?
- What are your current energy consumption levels for powering your current servers and cooling your data center?

Powerful Analysis Tools

DSI uses powerful tools to analyze your server infrastructure, identify these key parameters, and develop your IT optimization strategy recommendations.

- **Total Cost of Ownership Analysis**
Using our exclusive Total Cost of Ownership Analysis Tool, DSI server solution experts help you examine how current infrastructure impacts your IT budget. We look at your current server infrastructure to identify your current cost of ownership and forecast future costs associated with maintaining it.
- **IBM System i Performance Analysis**
DSI's server solution experts use industry-leading analytic tools from our partner MPG Inc. to analyze your IBM System i performance. We'll help you understand your current IBM System i workloads and capacities, and determine your need for upgrades, replacements, and optimization. We can also help you interpret system performance data, run data on alternate scenarios, and offer suggestions for cost-effective solutions.
- **IBM System x and IBM BladeCenter Performance Analysis**
Using IBM's powerful Consolidation, Discovery, and Analysis Tool (CDAT), DSI's server solution experts can help you identify opportunities for you to consolidate and virtualize key infrastructure resources using IBM System x and IBM BladeCenter servers for added savings and performance improvement. IBM reports that the CDAT has enabled customers to save up to 60 percent in IT costs while quadrupling their computing utilization.

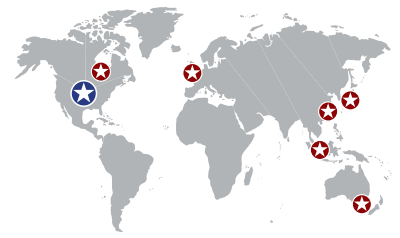
Defining Your IT Optimization Strategy

With the results of the Total Cost of Ownership Analysis and your server system performance analysis data in hand, DSI's server solution experts will work with you to define the IT optimization strategy that will meet your current needs and accommodate your plans for growth.

Our relationship with IBM as a Premier Business Partner, as well as our relationships with business partners for virtualization, high availability, and disaster recovery solutions, enable us to provide the total solution to put your optimization strategy into action. DSI can provide the hardware, software, and services for configuration, implementation, and support.

Make The Call. Take Control.

If you need to reduce your IT infrastructure costs and improve performance, call DSI today. Our server solutions experts help you take control and optimize cost, capacity, and performance.



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