

# Cost Savings, Consolidation & Performance: IBM SYSTEM X SERVERS

## System x and BladeCenter Servers and Tools:

- Are designed to lower energy usage through improved efficiency & cooling technologies
- Reduce total cost of ownership
- Enable efficient management of IT resources
- Leverage consolidation & virtualization to increase hardware utilization & decrease the actual number of physical servers

System x and BladeCenter servers can help cut costs with technologies that not only increase performance per watt, but also help plan and control their power usage. With the IBM Director extension, IBM Virtualization Manager, managing your virtualized server is even easier, giving you a single interface to manage physical and virtual systems from almost anywhere.

## Manage Growth & Complexity

The proliferation of servers brings management and asset control issues. Intelligent, open management tools on System x servers, such as IBM Director, help simplify your infrastructure and reduce costs while tracking and deploying assets, optimizing performance, and enabling remote maintenance.

A smart system design that includes multiple layers of redundancy and memory protection combined with advanced availability tools, like light path diagnostics and Predictive Failure Analysis®, deliver industry-leading capabilities to identify hardware problems before they happen and fix them quickly. These tools help keep your systems up and running. Plus, most System x servers possess a “call-home” feature enabling the servers to independently place help calls directly to IBM service and support, saving time and minimizing downtime! With the ability to scale up to 8 sockets, you can grow as needed.

## Security & Risk Mitigation

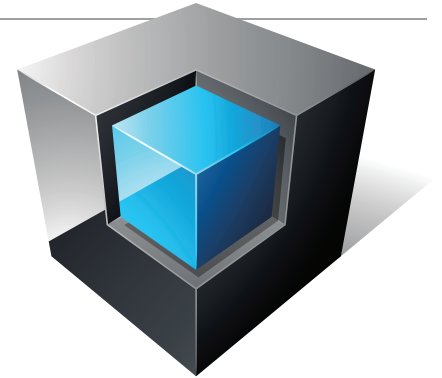
The rising volume and sophistication of new threats have increased the demand for improved security and resiliency measures for businesses of all sizes. By enhancing security and resiliency, IT becomes more responsive and better prepared to meet the needs of the business. IBM System x and BladeCenter Servers deliver:

- Infrastructure security & resiliency
- Information & data protection
- Regulatory compliance capabilities

Proactive, secure, integrated tools provided by System x and BladeCenter servers enable a single, secure, consistent interface to manage your IT. An intelligent system design that includes multiple layers of redundancy, memory protection and advanced availability tools provides the critical resiliency you need.

## Choose Your Operating System

System x offers a choice of operating systems, broadening the application offerings available and increasing the ways you can put System x servers to work. Choose from Microsoft Windows Server®, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware infrastructure and Solaris 10.



## Reduce Costs & Increase Energy Efficiency

Managing data center energy consumption and related costs is a growing concern for IT departments. Physical server sprawl and the incremental heat these servers generate, as well as rising energy costs are factors driving IT teams to reassess their infrastructure and find new, innovative solutions through IBM System x and BladeCenter Servers.



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## Expertise and Experience from a Local Solution Provider

Mainline Information Systems™ has achieved IBM's System x Specialty for our dedication to x86 technology and our commitment to providing our customers with innovative solutions that deliver proven performance, cost savings, reliability, availability and scalability.

Mainline uses a team of experts, which includes account executives, systems engineers, systems architects and project managers to support our clients through every stage of solution implementation. This team works together to provide comprehensive and cost effective technology solutions for our clients. Mainline holds more than 400 technical certifications across the entire IBM solution portfolio.

Mainline works with leading technology manufacturers and software providers – such as IBM, HP, VMware, Red Hat, and Cisco – leveraging decades of innovation to enable companies to succeed through highly efficient, cost effective and easily managed infrastructure. Mainline provides infrastructure solutions and services for consolidation, optimization, virtualization, business continuity, security, systems management and networking. We also help our clients with IT asset management using in-house experts in multi-vendor maintenance and financing.

Nothing better illustrates Mainline's technical and industry-specific expertise than feedback from our customers. Since the customer is at the heart of everything we do, it is important that their experience be understood. To date, Mainline has achieved a 98% customer satisfaction rating and is always working hard to increase quality and speed of service for our customers.

## The Mainline Team: Certified Experts with Extensive Experience

Mainline's technical experts have an average of more than 25 years in the industry. Our account team takes the time to understand each customer's business, then, recommend technology to enhance that business. Our execution model combines local product specialists, senior systems engineers, solution architects and customer care specialists, forming a team of resources that truly sets Mainline apart from other solution providers.

**Mainline's team of technology professionals holds more than 400 technical certifications from IBM and leading ISVs covering our entire solution portfolio. A general sampling of these includes:**

- System x High Performance Servers
- BladeCenter Solutions
- Open System Storage
- Microsoft Certified
- Red Hat Certified
- Citrix Certified
- IBM Director Certified
- SUSE Linux Certified
- VMware Certified - Sales & Technical

## Awards and Accomplishments:

- IBM Beacon Award
- IBM Excellence Award for North America
- IBM Dynamic Infrastructure Specialty Elite Certified
- IBM Software Value Plus
- VMware Global & North American Partner of the Year for VDI
- VMware Technical Achievement Award
- Wyse Innovative Partner of Year Award
- Red Hat North American Partner of the Year
- Cisco's Customer Satisfaction Excellence Distinction
- Novell Data Center Partner of Year
- VMware Desktop Focus Initiative Partner for 2011
- vCenter Lighthouse Program Participant
- vCloud Lighthouse Program Participant
- Completed all VMware Solution Competencies



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