

System z10

The Cornerstone of the
New Enterprise Data Center

Mark Anzani
VP System z Technology Deployment



IT organizations are challenged by a set of operational issues

Pervasive Challenges

Service Delivery



Application Modernization and Deployment:
Costly and Slow

Business Resiliency & Security



Global 24x7 demand for Information
services:
Always on, Always secure

Energy consumption and cost



Rampant Server Proliferation:
Costly to own, manage and power


An evolutionary new model for
**efficient enterprise
IT delivery**
addresses a changing
landscape



**New Enterprise
Data Center**



**Real-time
data streams**



Virtualization



**Web 2.0 /
SOA**

Stages of adoption

Simplified



Shared



Dynamic



IBM System z: The Cornerstone of the New Enterprise Data Center

- **Simplified: Change the Operational model to reduce cost**
 - Operational superiority through Extreme virtualization and leading management
 - Robustness through leadership security and availability
 - Save more by adding further virtualized applications
- **Shared: Today's ultimate shared resource pool**
 - Processors, memory and channels can be shared across all the applications
 - Hundreds of applications can share resources on System z simultaneously
- **Dynamic: automating service delivery to meet new business needs**
 - Automated provisioning and management optimize for high value services
 - Services can be added or deleted on the fly
 - Applications can be integrated with centralized enterprise-wide real time data



System z clients are tackling these challenges today

- Enterprise modernization and SOA
- IT Consolidation and Virtualization
- Improving Energy Efficiency
- Delivering Business Resiliency



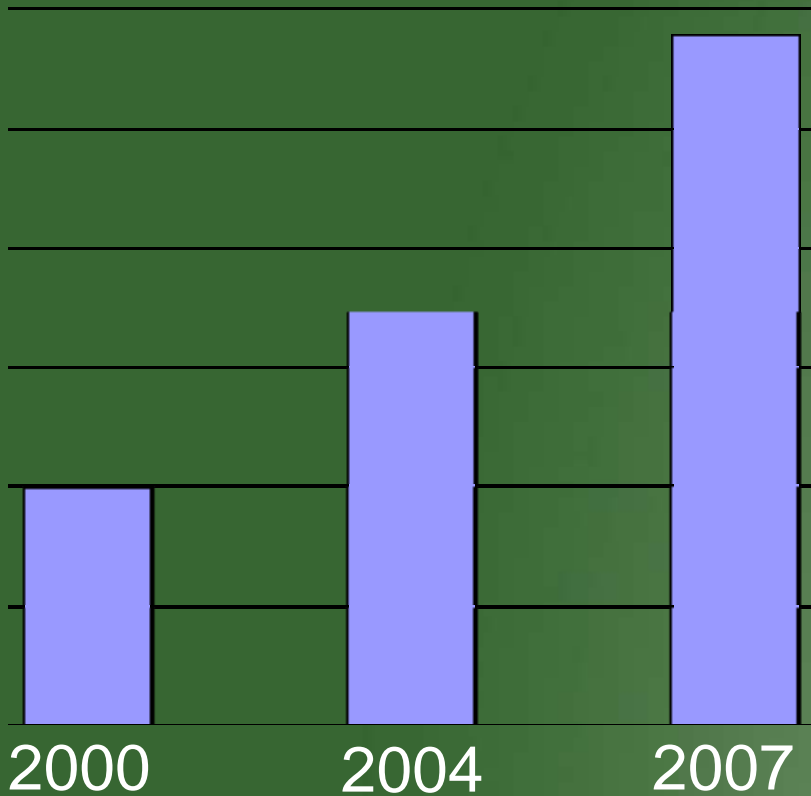
Bank of Tokyo-Mitsubishi UFJ



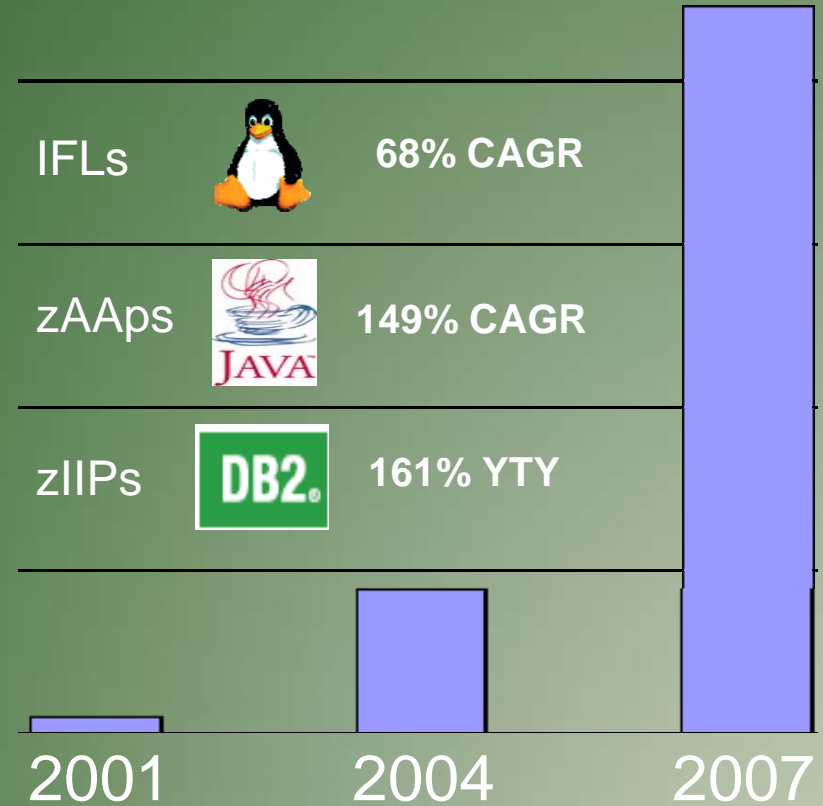
Nationwide[®]
*On Your Side*SM

System z Workload Growth

Specialty engines successfully target client issues



System z total inventory



Specialty Engine total inventory

System z is running the world's largest infrastructures

Stock exchanges & banking networks

24x7 ATM deposits & withdrawals

Airline reservations

Introducing...

The IBM System z10 Enterprise Class

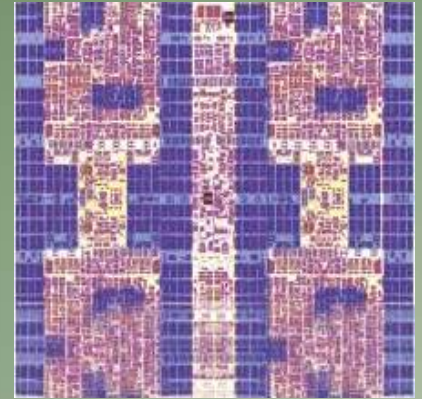
*The world's most powerful
enterprise computing platform*



IBM System z10 Enterprise Class

Technological innovation is embedded throughout the z10

- ✓ Enterprise Quad Core technology – 4.4 GHz
 - ✓ *Decimal Floating Point*
- ✓ Enhanced capacity 64-way model
- ✓ Up to 1.5 TB Memory, 3x more
- ✓ Star topology reduces latency
- ✓ 6 GBps InfiniBand for faster I/O and Coupling Links



Just in Time Capacity and Management

Respond in minutes to unpredicted demand

- Business policy driven
- Fully automated or manually controlled
- Integrated monitoring

Deploy new workloads in minutes

- Eliminates pre-planning requirements
- Reduces planned system outages



System z10 and IBM Storage: *The premier information service for the enterprise*

IBM System Storage DS8000: The best gets better

- **4x the capacity** for System z environments
- Automates storage failover process
- Up to **95% faster data resynchronization for data mirroring**

IBM System Storage DS8000



Software Leveraging the Strengths of z10 EC

Next-generation business intelligence for System z:

Cognos 8 for System z

Complete solutions for people process and information:

Smart SOA on System z



Accelerating innovation on System z:

Rational Application Development and Delivery

Visibility, automation and control for System z and the enterprise:

Tivoli Service Management Center for System z

Optimized for z10 EC performance, quality of service and total cost of ownership

Rational

WebSphere

Information Management

Lotus

Tivoli

IBM

IBM Services for System z10:

Providing premier service and support for the enterprise

IT Server optimization and integration services

Reduce complexity in the IT infrastructure

Implementation Services for Parallel Sysplex

Help move to a centralized data server while protecting data integrity

Implementation Services for GDPS

Industry-unique integrated and automated end-to-end recovery across multiple platforms

Implementation Services for Tape Systems

Tape encryption for compliance and information lifecycle management



A growing community

- Over 4,000 applications – up 600 in 2007
- Over 1,200 Linux applications – up 260 in 2007
- Over 1,300 ISVs
- Academic Initiative - Over 400 schools and more than 40,000 students

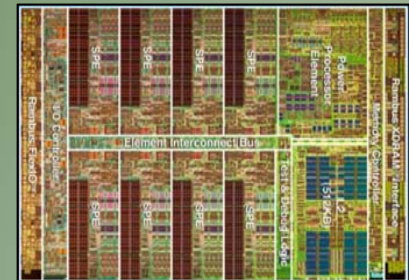


Collaboration for Innovation

OpenSolaris™ for System z under z/VM

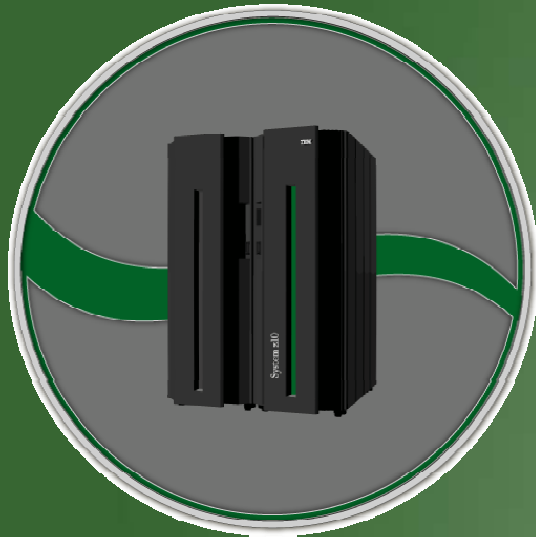
SAP Business Intelligence Accelerator

“GameFrame” with Cell Broadband Engine



Cell Broadband Engine

The Future Runs on System z... And Your Future Begins Today



Thank you.