



Welcome to DB2 for z/OS Modernisation

The future runs on System z

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System z IM BUE

IBM Asia Pacific



The Explosion of Data is Creates New Challenges

91%

of CIO's believe that existing reporting processes do not meet future requirements for timely information.

\$40 billion

Consumer product and retail industries lose about \$40 billion annually, or 3.5 percent of their sales, due to supply chain inefficiencies.

33%

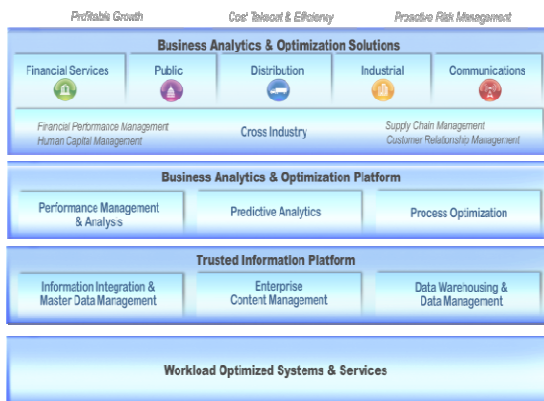
33% of consumers notified of a security breach will terminate their relationship with the company they perceive as responsible.

75%

of data is replicated – over 50% of the time to more than one system.

Information-Led Transformation for System z

More new capabilities delivered in the past 3 years than at any point in the mainframe's history



Smart Analytics Optimizer for z/OS
 DB2 end-to-end monitoring
 DB2 and IMS Active-Active for z/OS
 DB2 10 for z/OS
 DB2 Sort for z/OS

Master Data Management for z/OS
 Cognos 8 BI for z/OS

Entity Analytics for System z
 IMS Tools Solution Packs for z/OS
 IMS 11 for z/OS

Content Integrator for z/OS
 InfoSphere Warehouse for System z

FileNet Content Manager for System z
 Cognos 8 BI for System z

InfoSphere MDM Server for System z

Optim Data Governance for System z

Information Server for System z

Content Manager 8.4

Information On Demand

Data Warehousing

DB2.
software

InfoSphere™
software

FileNet.
software

Cognos.
software

2010

2009

2008

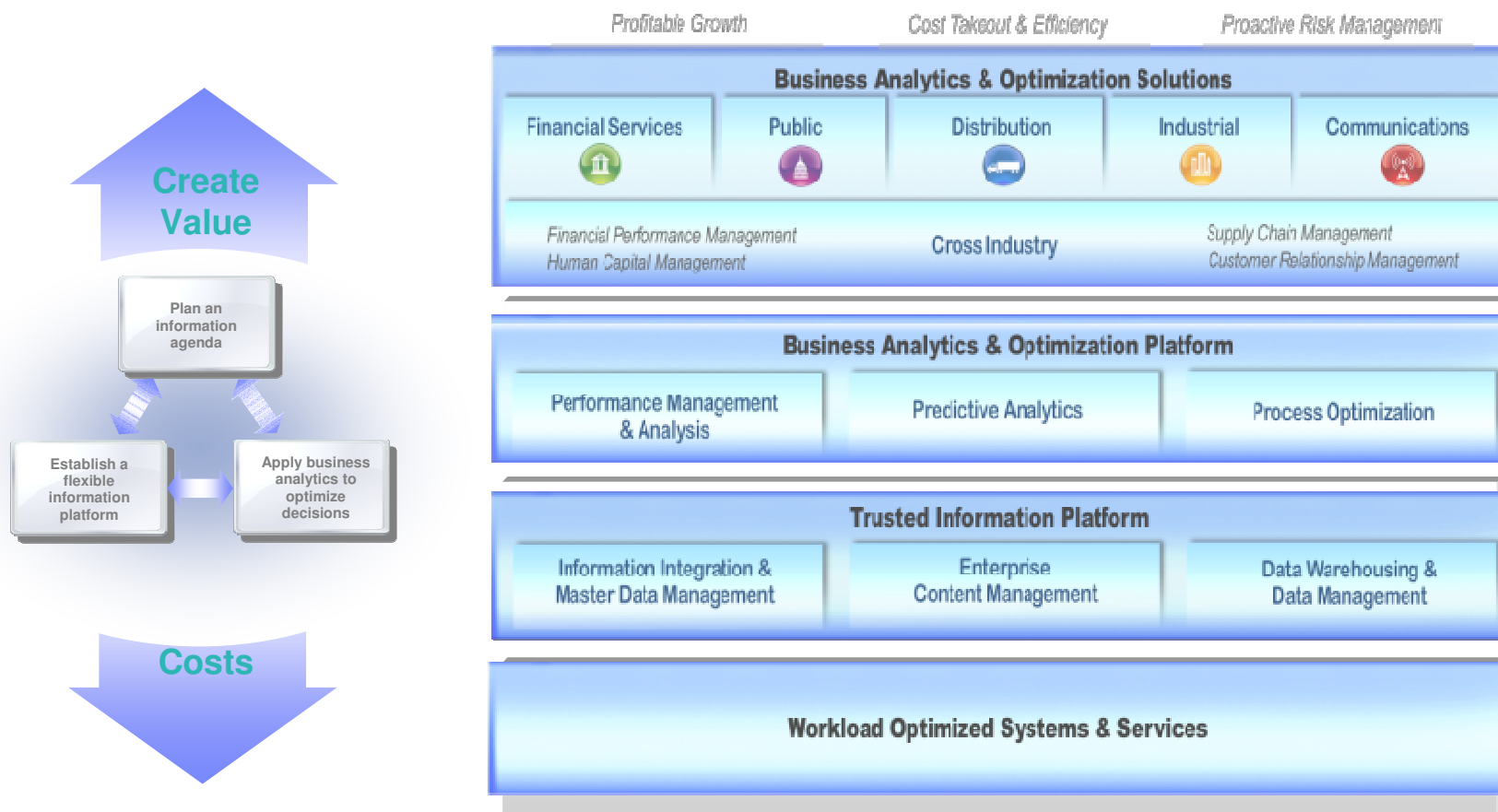
Analytics

Information-Led
Transformation

Business Intelligence

Information Agenda

Getting started with an information-led transformation



DB2 9 for z/OS Continues to Deliver Results

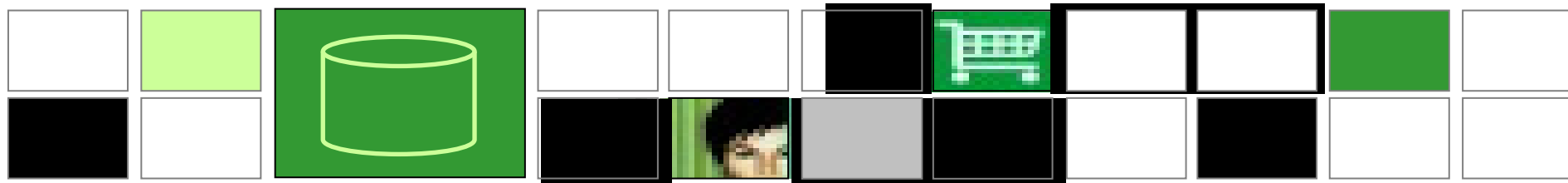
<i>Availability, Scale & Resiliency</i>	More Online Schema Changes		Business Flexibility
	Volume Level Backup & Recovery		Faster, Cheaper, Granular Recovery
<i>Compliance & Security</i>	Database Roles & Trusted Context		Efficient Auditing & Compliance
<i>Easier Application Development</i>	PureXML		Streamlined Data Integration
<i>OLTP & Warehousing</i>	Query Optimization		Highly Available, Secure Data
<i>Reduce Cost of Ownership & Skills</i>	Index Compression		50% Disk Savings
	Utility CPU reductions		20% CPU decrease

DB2 10 for z/OS – An Incredible Release

- CPU reductions for transactions, queries, & batch
- Ten times more users by avoiding memory constraints
- More concurrency for catalog and utilities
- Additional online changes for data definitions, utilities and subsystems
- Improved security with improved granularity for administrative privileges, data masking and audit capabilities
- Temporal or versioned data
- pureXML and SQL enhancements improve portability
- Productivity improved for database administrators, application programmers, & systems administrators

Why Migrate to Current DB2 for z/OS?

- **Business needs to save money**
 - Reduce CPU time
 - Service Oriented Architecture
- **Application developers need improved productivity and integration**
 - pureXML for a faster, more capable interface to XML data
 - Powerful new SQL temporal enhancements & portability
- **Database Administrators need**
 - Improved performance
 - Availability, scalability & memory management
 - Simpler security and regulatory compliance
 - More productive database administration



System z: The platform for the future

“You cannot think seriously about your longer-term IT architecture without thinking equally seriously about what today’s mainframe environment has to offer”



CIO Magazine: Mainframe computing is set for a rebirth – September 29, 2009



Typical Utilization for Servers

Windows: 5-10% Unix: 10-20% **System z: 85-100%**

System z can help **reduce** your floor space
up to **75%-85%** in the data center



Thank You



System z can lower your total cost of ownership, requiring **as little as 30%**
of the power of a distributed server farm running equivalent workloads

The cost of storage is typically **three times more** in
distributed environments

