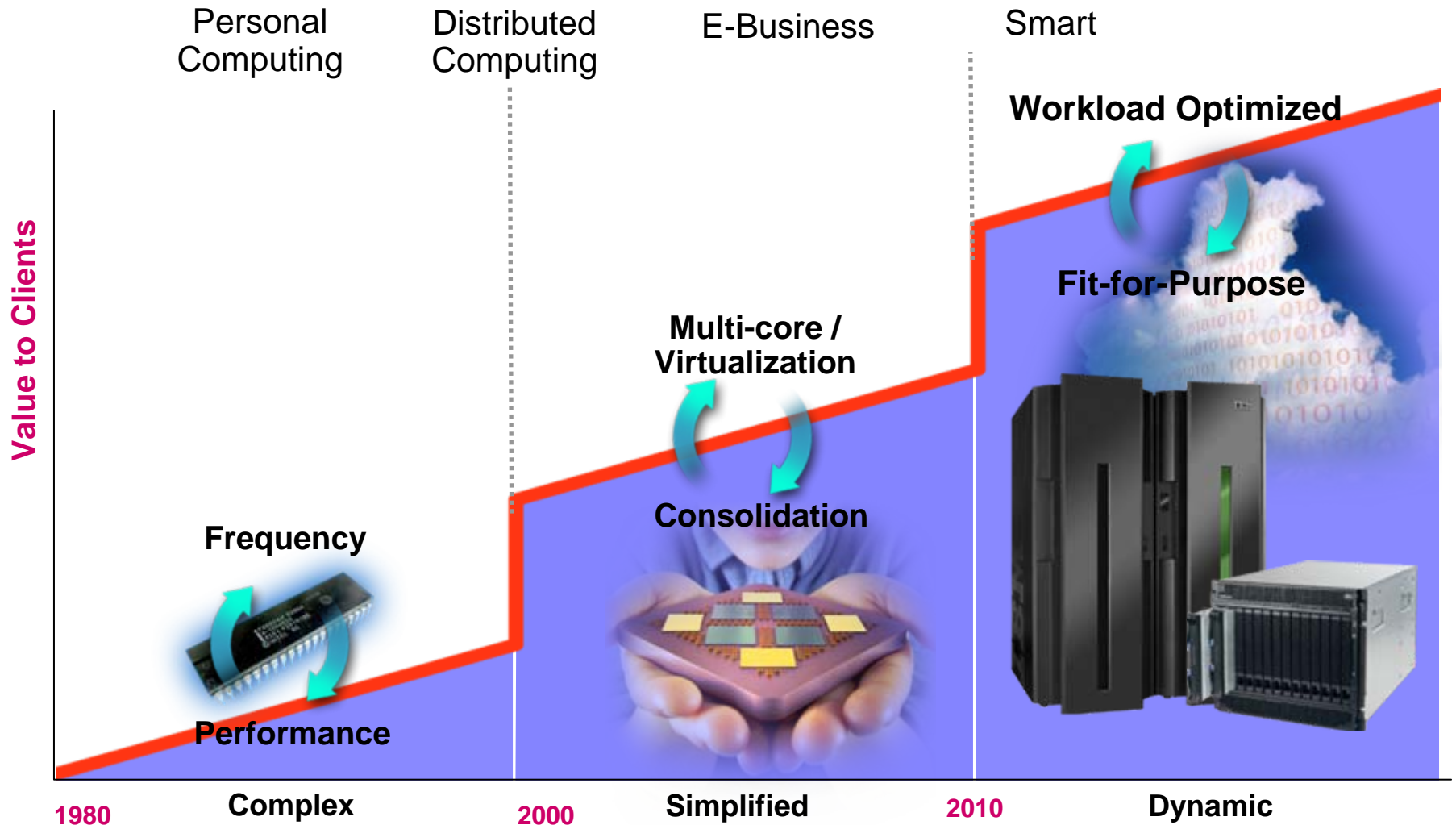


L'infrastruttura tecnologica per IBM Smart Analytics System



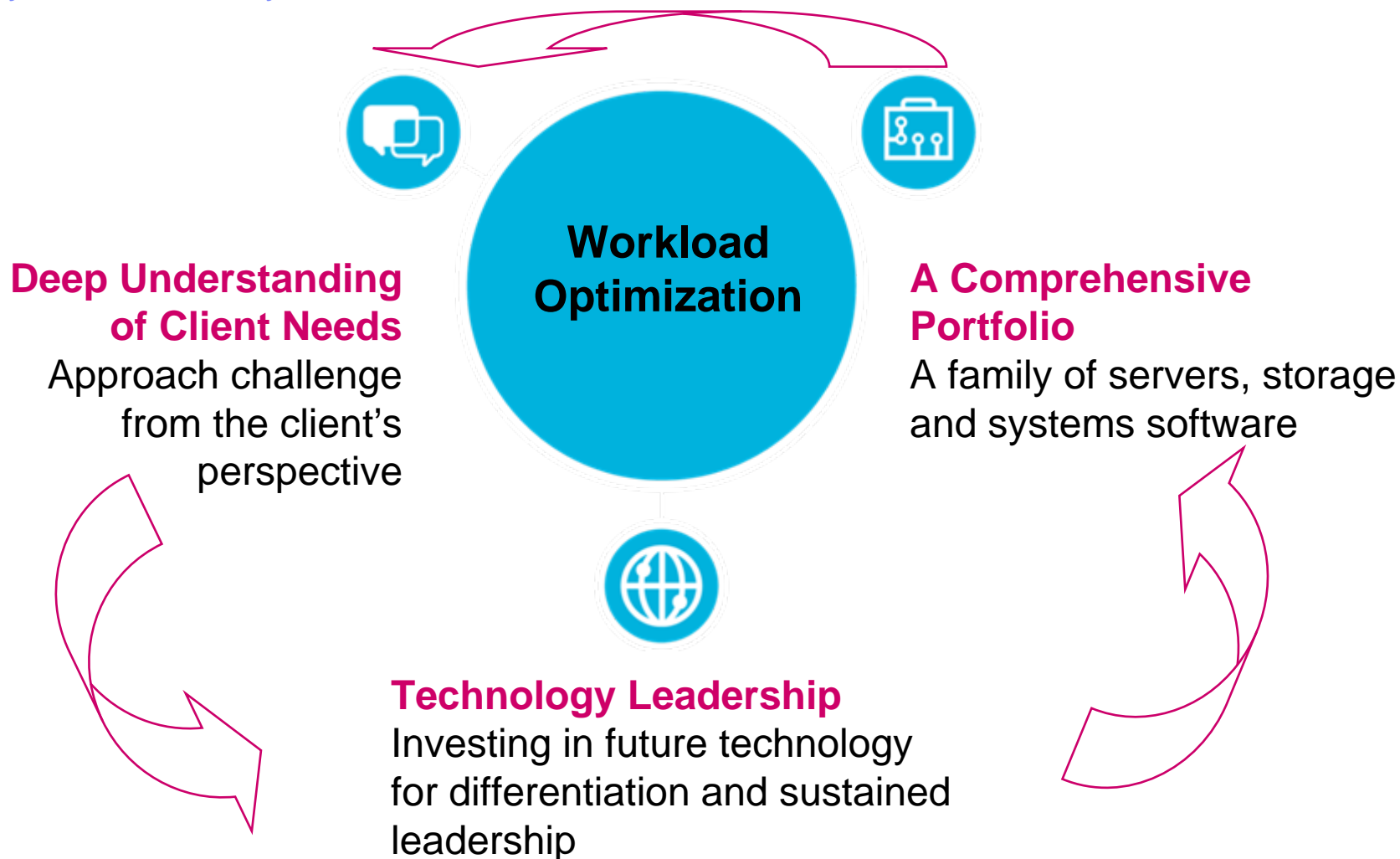
The Next Era of Systems Innovation



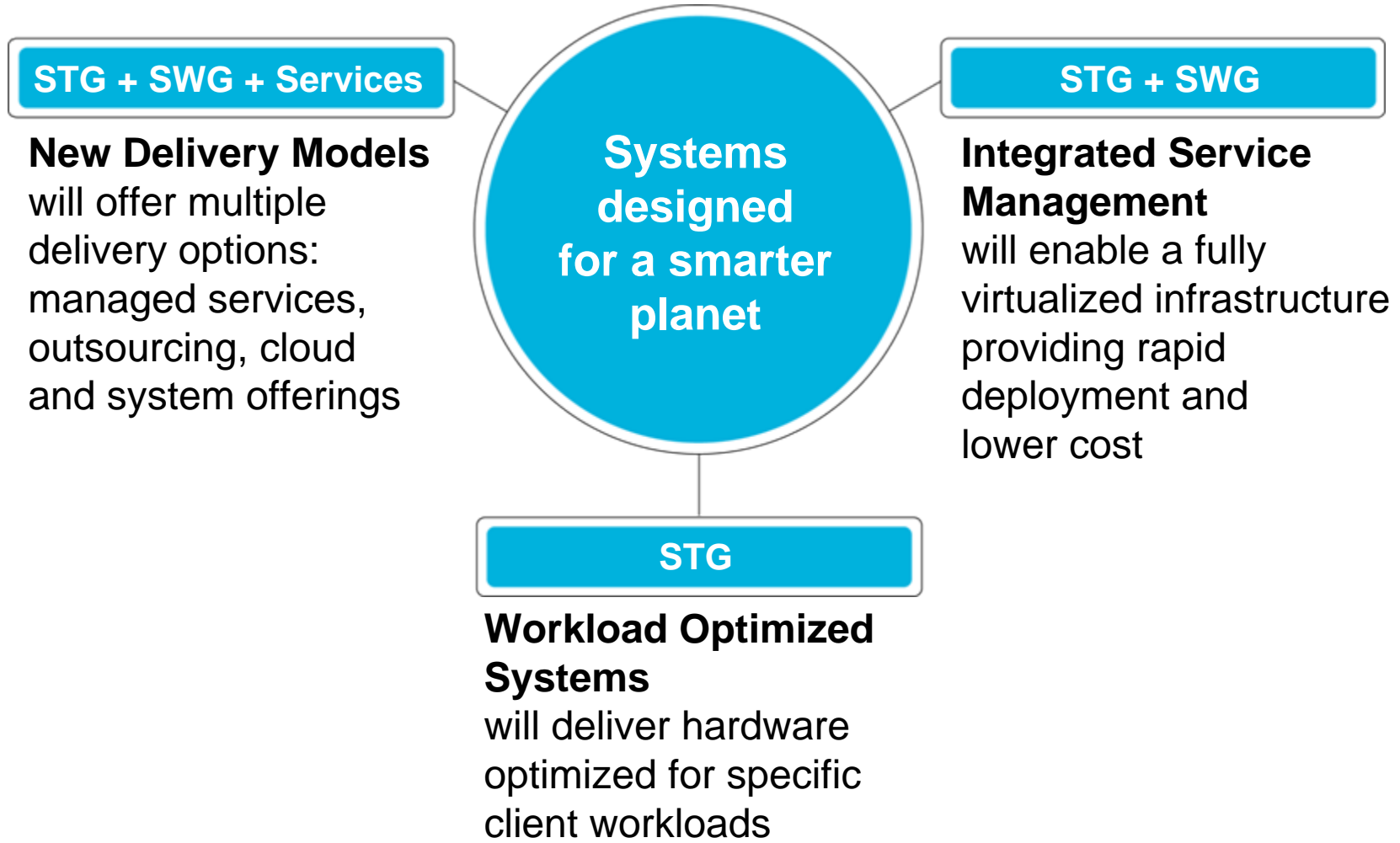
Our Vision

Designed, integrated systems
are part of the transformational story
of the next decade.

IBM lays the foundation of Systems innovation

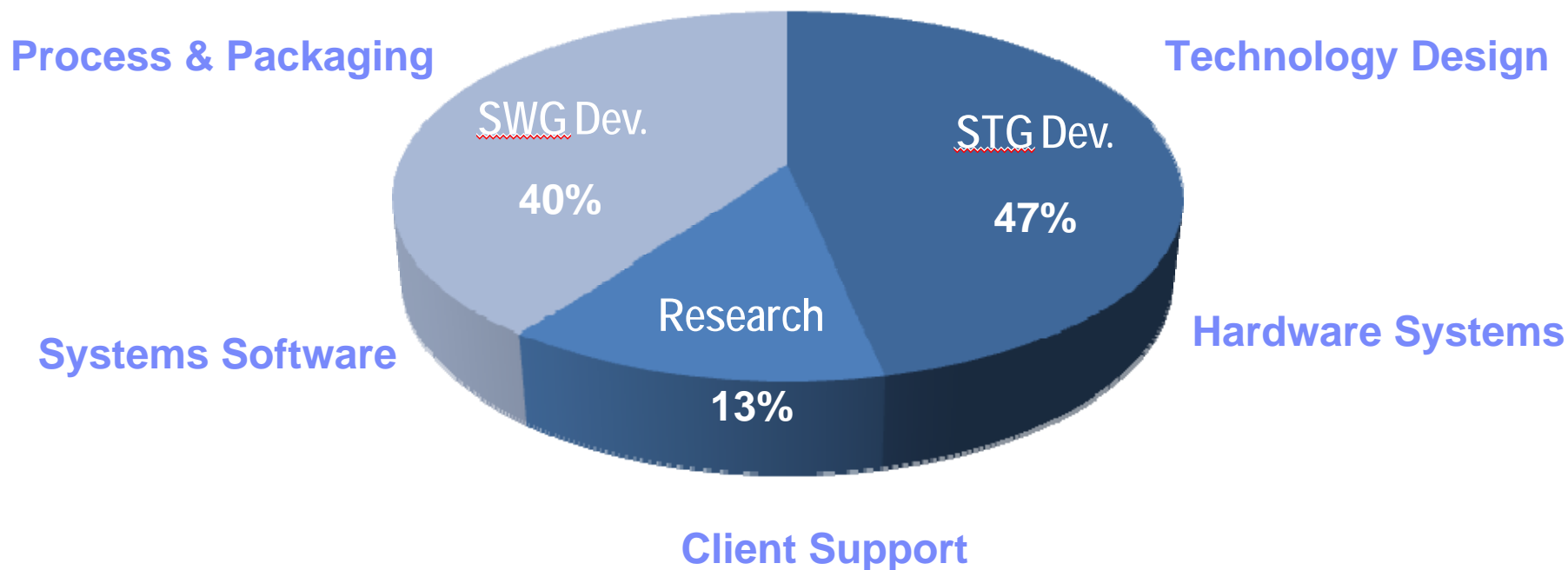


IBM delivers the solution







Technology Capabilities and IBM investment in STG

Nearly 50% of IBM's R&D investment for Systems leadership






Our portfolio

General Purpose Platforms

System z  DS8000 XIV  POWER7-based systems  System x eX5 




A choice of architectures – servers and storage – each fit for purpose

System Optimizers

 IBM Smart Analytics Optimizer for DB2 for z/OS  POWER6 Decimal Floating Point  POWER7 Accelerators





System technology enhancements that hone capabilities for specific workloads

Pre-integrated Solutions

CloudBurst  SONAS  Smart Analytics Systems 

Integrated HW and SW solutions, deeply tuned for specific workloads

Integrated Heterogeneous Systems

VMControl  System x future  Power Systems future  System z future 

A single multi-architecture solution, optimized for multiple workloads

Optimizing Workloads

Meeting Clients Where Their Information Is...

IBM Smart Analytics System

Transforming information into business insight



3x Faster

Workload optimized analytics run 3x faster

50% Less Floor Space

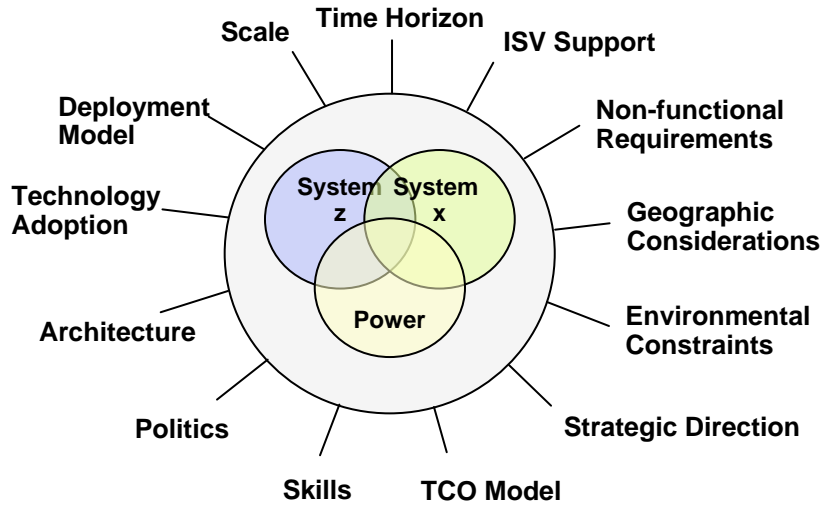
Data compression
Reduces storage cost

World Record Performance

Based on Unix

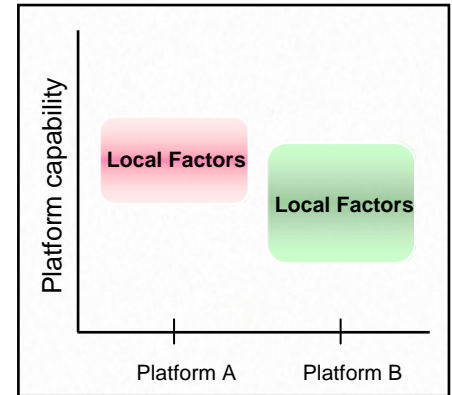
Based on x86

Based on Mainframes



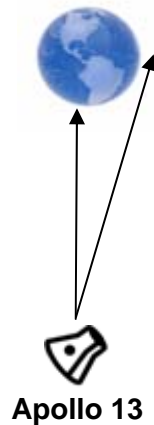
Local Factors Matter

- Skills
- Technology adoption
- Management
- Volume of servers
- Organizational



Infrastructure Size Matters

- Changes people dynamics
- Increases handoffs
- Affects testing, patching, etc



Transaction Processing and Database

Analytics and High Performance

Business Applications

Web, Collaboration and Infrastructure

Workload Matters

IBM Smart Analytics System Family

Available in System x, POWER System, and System z

***Offering the information
you need to empower
your business***



5600

- **NEW: System x based technology**
- *Designed for business analytics workloads*
- *Optional Solid State Disk – reducing data latency*



7600

- **Based on Power technology**
- *Scaling to hundreds of terabytes of data*
- *Extract knowledge & insights from untapped information*



9600

- **NEW: System z based offering**
- *Advanced query /workload management*
- *Database designed and optimized for System z*
- *Smart Disk controller, optimized to reduce data latency*

IBM Smart Analytics System 5600 (with System x)

Target Customers

- Enterprise-wide reporting and analytical capabilities at an attractive entry point

Hardware/OS

- SUSE 10
- IBM System x3650 M2
- IBM System Storage DS3400
- Flexibility of a custom integration approach to take advantage of ongoing hardware and software enhancements without full system replacement (avoids rip and replace)



Unique Software

- InfoSphere Warehouse
- Cognos 8 BI – can be removed

Optional Components

- Optional FusionIO Solid State Drive technology to improve response time in complex workloads

5600

IBM Smart Analytics System 9600 (with System z)

Target Customers

- Medium to large implementations for departmental to enterprise reporting and analytical capabilities

Hardware/OS

- z/OS r 12
- IBM System z10 technology
- IBM System Storage DS8700 Intelligent Disk controller
 - Large controller cache and 3 Tier disk offering



Unique Software

- Cognos 8 BI included in base offering, can be removed

Optional Components

- Suite of IBM replication, ETL, and analytic software
- Solid State drives, integrated into DS8700
 - Integrated tooling to identify and migrate “hot data” to SSD technology

9600

IBM Smart Analytics System 7600

Key Hardware Components – POWER6 Power 550

- Modular building blocks
 - 4 DB2 logical data partitions per Data Module
- Latest POWER6 technology
 - 2 x dual-core 5.0 GHz POWER6™ /w SMT
 - 32GB RAM
- 2 GigE dual-port PCI-X adapters @ 1 Gbit
 - 2-ports for Mgmt / ETL network
 - 2-ports for FCM communications network
- 2 dual-port 4Gbps FC adapters
- Optional hot standby node for High Availability

