

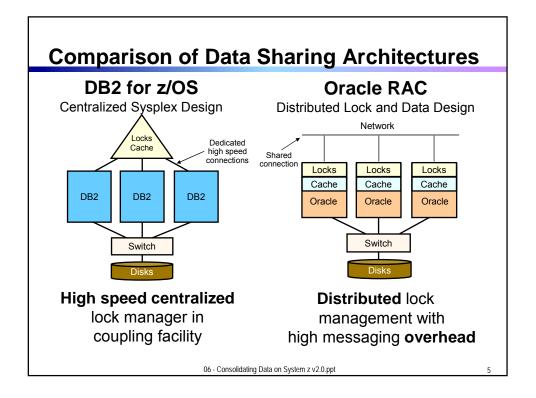


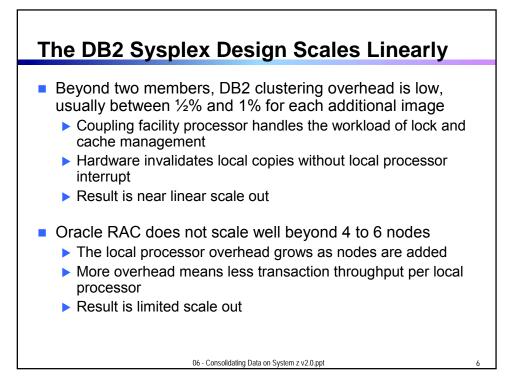
DB2 for z/OS is in 25 of the top 25 banks worldwide

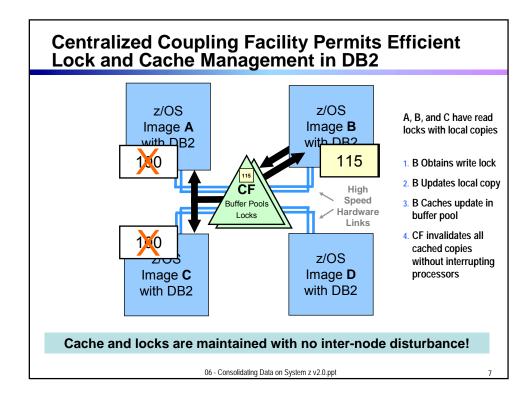
Why?

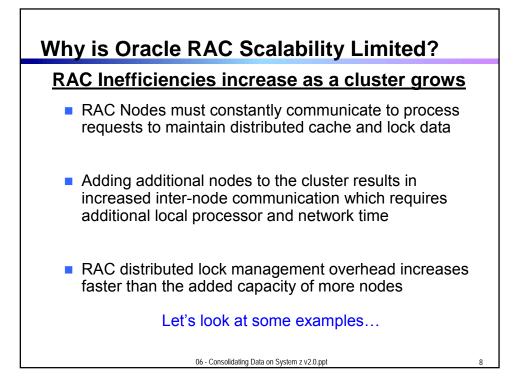
- Highest Scalability Near-linear scalability and workload management
- Highest Availability DB2 provides nearly continuous 99.999 availability.
- Proven Security and Compliance RACF, Encryption, DB2 Audit Management Expert
- Better Support of Current Technology Trends Native XML support and SAP optimization
- Lowest overall TCO

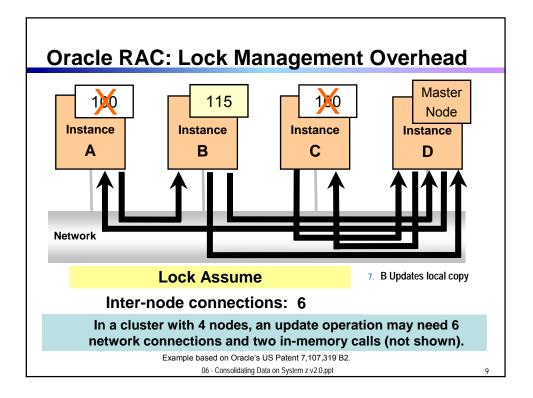
06 - Consolidating Data on System z v2.0.ppt

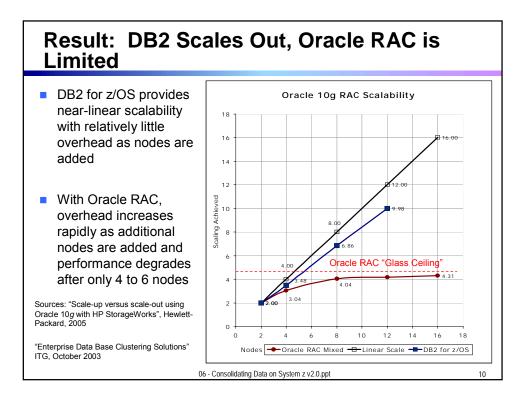


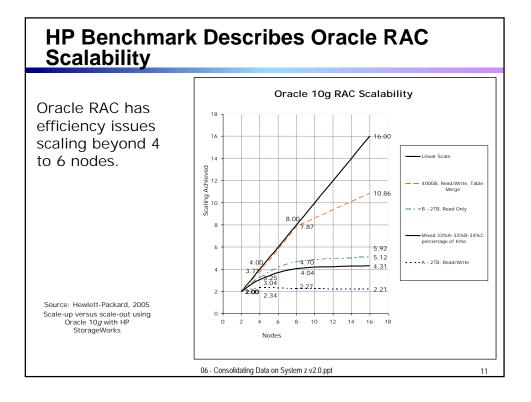


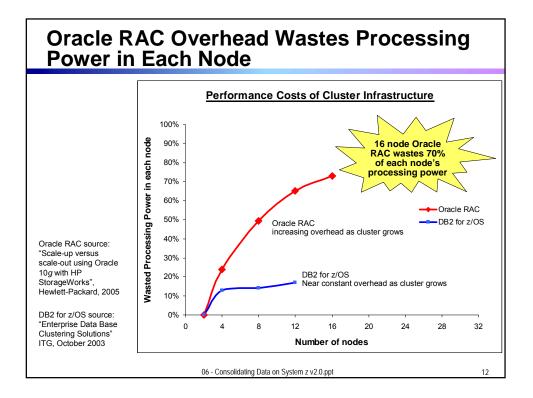


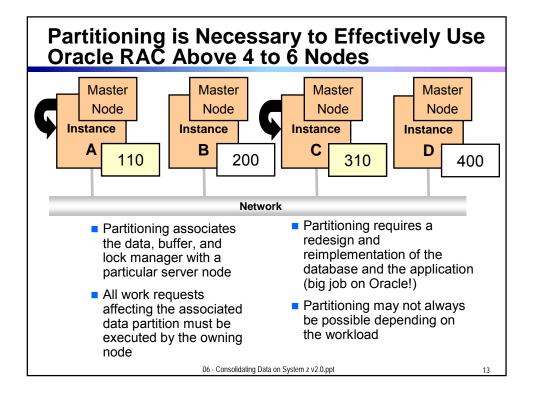


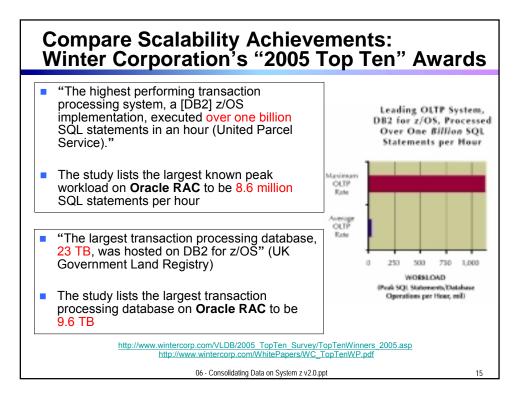


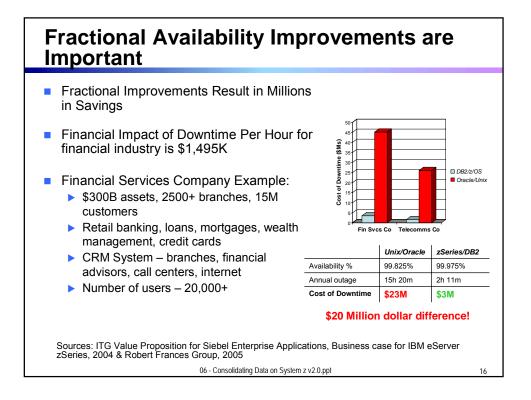












Data Security and Compliance: DB2 for z/OS Has a Proven Track Record

DB2 for z/OS Security

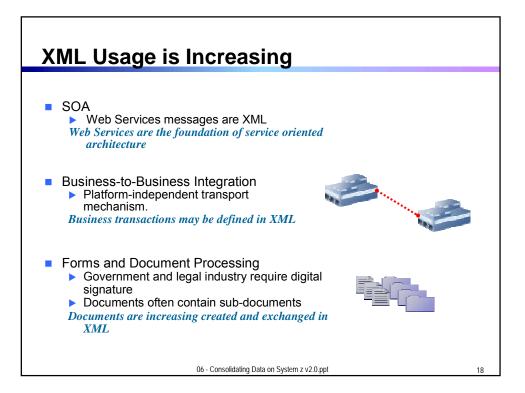
- Less than 10 security related patches in the last 10 years
- Proven RACF and Multi Level Security
 - End to end security including applications disks, printers and network
- DB2 Test Database Generator
 - Ensures anonymous access to data necessary for testing
- DB2 Archive Expert
 - Allows customers to easily archive and access data
- DB2 Audit Management Expert
 Supports compliance requirements
- End-to-end encryption via hardware assist

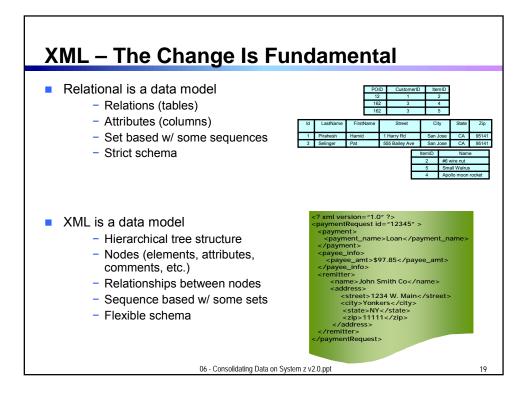
Oracle's Security Exposures

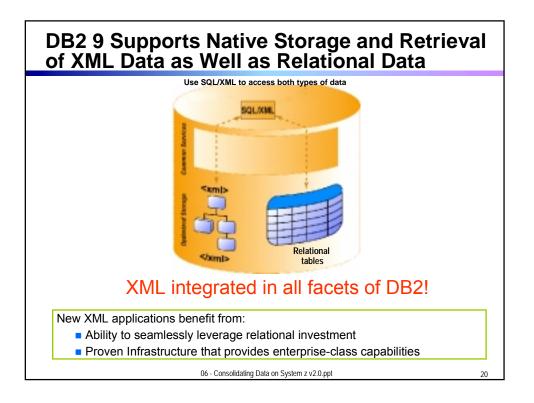
- C/NET 01/17/2007
 "Oracle plugs 51 security flaws" including 26 for database
- ComputerWorld 10/17/2006 "Oracle releases 101 patches in quarterly update" including 63 for database
- NGS Research 11/21/2006 "The conclusion is clear – if security robustness and a high degree of assurance are concerns when looking to purchase database server software – given these results one should not be looking at Oracle as a serious contender."

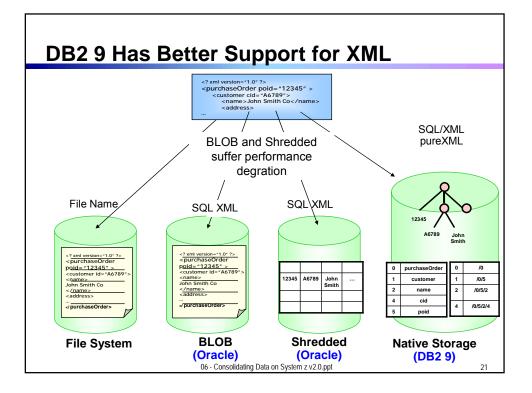
06 - Consolidating Data on System z v2.0.ppt

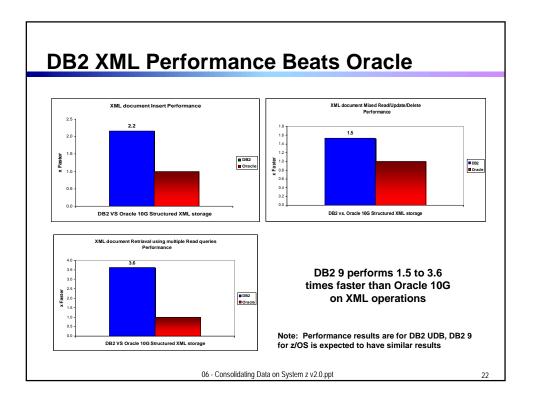
17

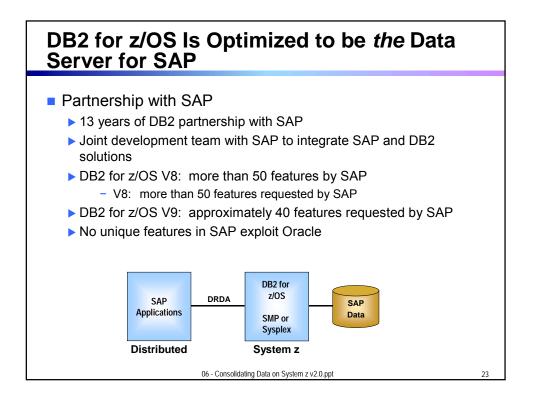












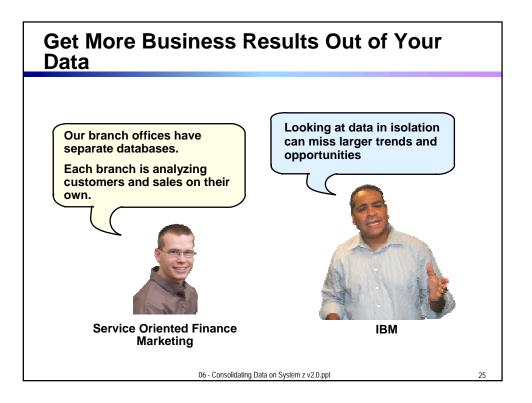
DB2 for z/OS Is Optimized to be *the* Data Server for SAP

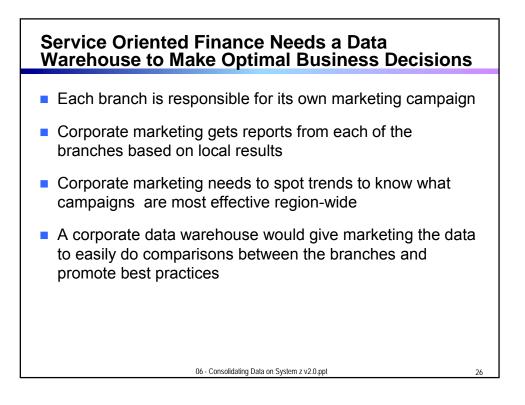
Examples:

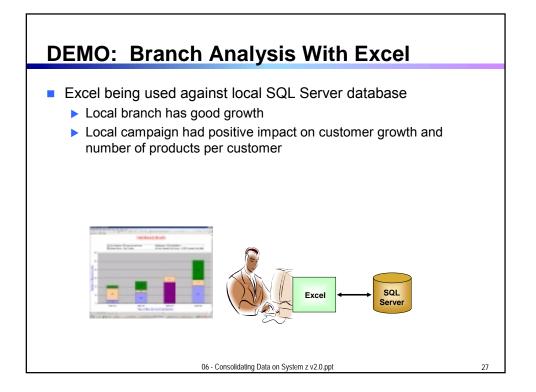
- Ease-of-Use
 - Easy to clone DB2 instances, such as test environment
 - Customized SAP 'Tuner'
- Less DBA skills and activities required
 - Large Object Management, SAP uses large objects a lot
 - DB2 Recovery Expert for automatic recovery and backup
 - Real-time Statistics Utility provides automatic scheduling information
 - BACKUP and RESTORE system enhancements
- SAP-specific enhancements to DB2 Query Optimizer
 - Enhancements for SAP Business Inelligence query performance
 - Enhancements for SAP OLTP products
- High Performance
 - SAP Business Warehouse performance gains through Dynamic Index ANDing

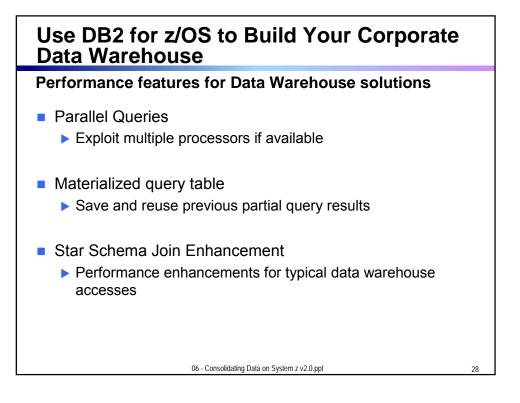
06 - Consolidating Data on System z v2.0.ppt

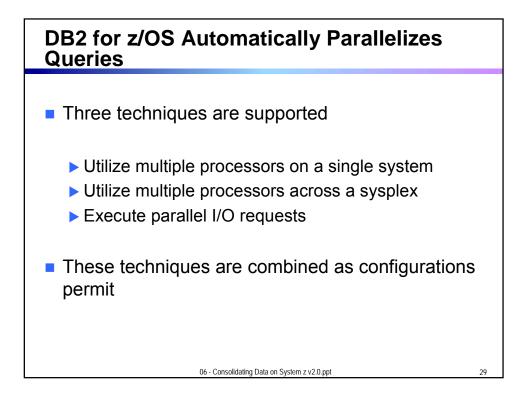
24

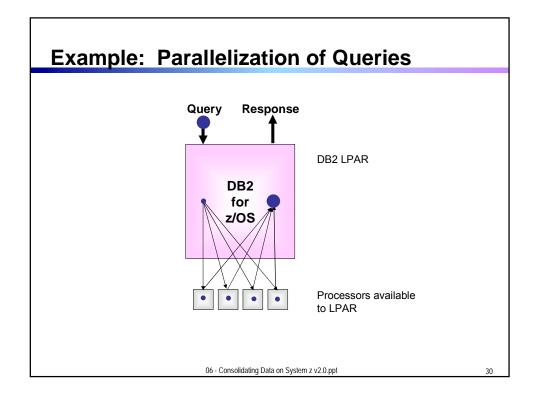


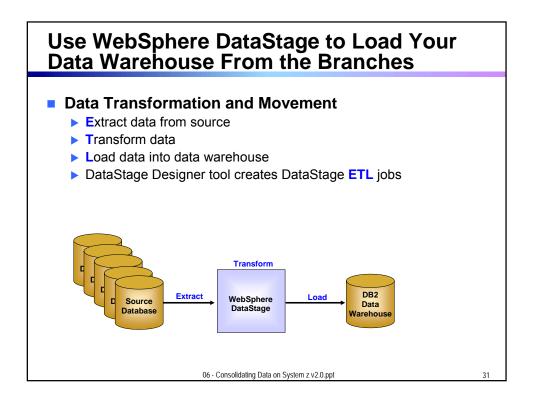


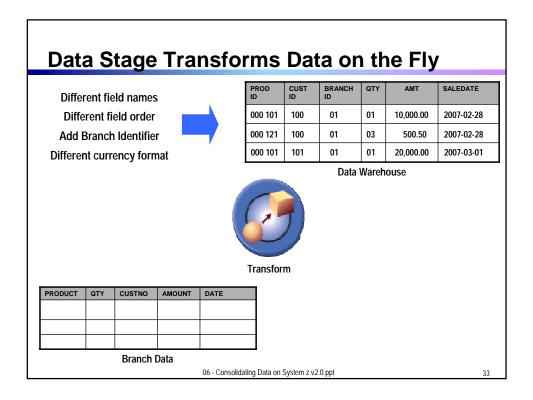


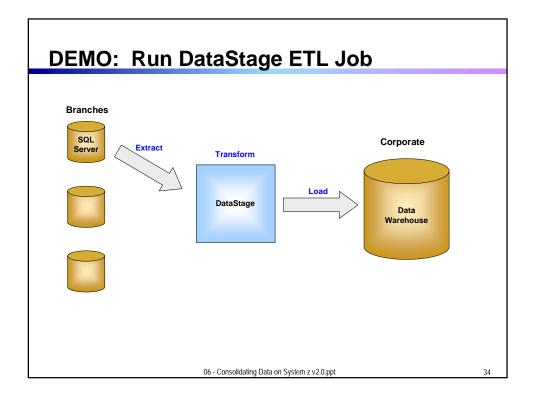












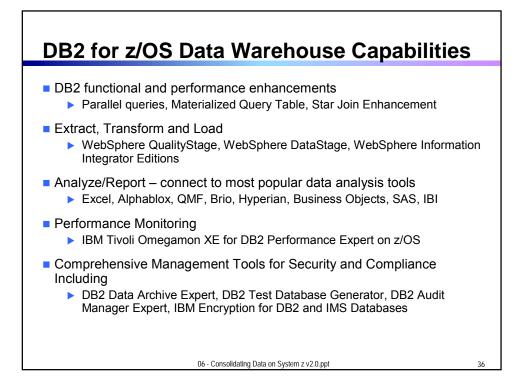
DEMO: Use Same Excel Tool to Do Corporate Level Analysis

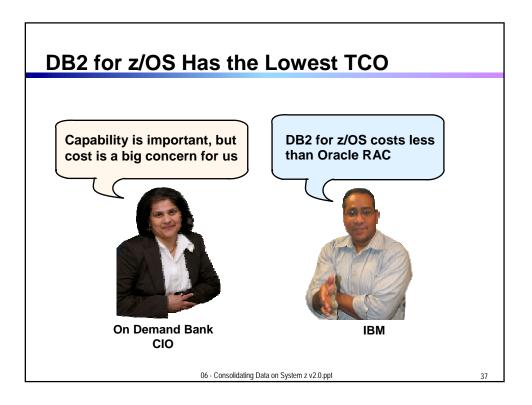
- Excel accesses data from DB2 for z/OS seamlessly
- Campaign to offer mortgage point deduction most effective...Park City branch shows this
- The Inlet branch has the largest number of new accounts for all of the branches, however that does not necessarily equate to the most profit



35

06 - Consolidating Data on System z v2.0.ppt





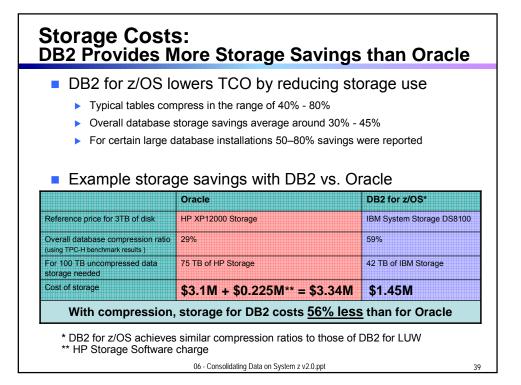
DB2 – Better Compression Ratio Than Oracle

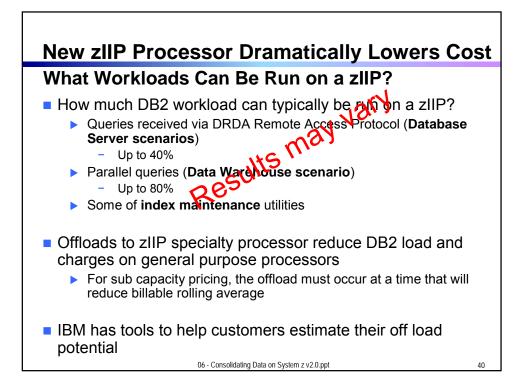
TPC-H is a well known data warehouse benchmark

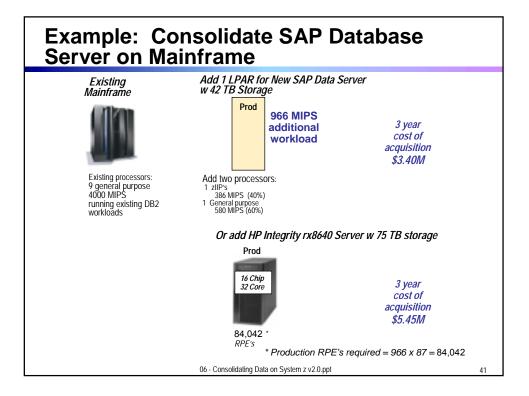
- Each vendor uses the same tables and same data
- Oracle published their compression rates for TPC-H tables at the VLDB conference in 2003
- ▶ IBM ran the same tests on the same tables

Test results

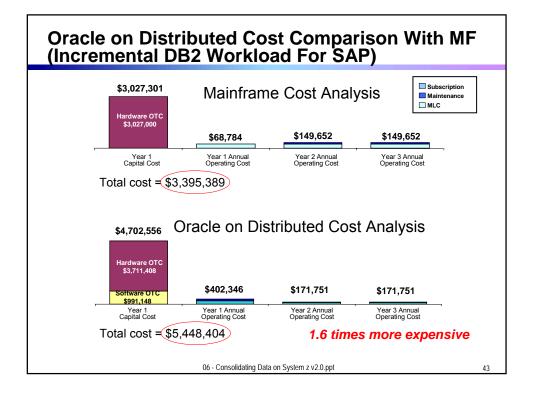
	Compression Ratio		
Table	Oracle	DB2	
LINEITEM	38%	58% (1.5x better)	
ORDERS	18%	60% (3x better)	
Entire Database	29%	59% (2x better)	

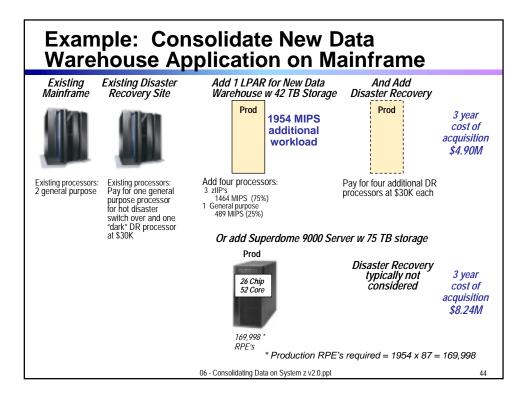






	Mainfron				Mainfrom	o Coffusiono	
Mainframe Hardware			Mainframe Software				
	IC	7	AL			ANNU	AL
1 General Processor 1 zIIP	\$1,452,500	Processor Maintenance	\$80,868	Utilities	\$0	DB2 MLC	\$33,840
Processor	\$125,000					Incremental	¢24.044
IBM Storage (42TB)	\$1,449,801	Storage Maintenance	0			(ZNALC)	\$34,944
TOTAL	\$3,027,301	TOTAL	\$80,868	TOTAL	\$0	TOTAL	\$68,784
Γ	Distributed	d Hardware			Distribut	ed Software	
OT	с	ANNUA	AL.	01	°C	ANNU	AL
HP Processors	\$603,939	Processor Maintenance	\$123,139	Oracle EE	\$640,000	Oracle S&S	\$297,440
HP storage (75TB)	\$3,107,469	Storage Maintenance	\$30,951	HP-UX	\$126,048	HP-UX S&S Prepaid \$107,456 in y	\$35,819 rear 1 for 3 years
TOTAL	\$3,711,408	TOTAL	\$154.090	TOTAL	\$991,148	TOTAL	\$333.259





Data Warehouse Incremental Cost Breakdown

Mainframe Hardware				Mainframe Software					
OTC		ANNU	JAL	_ OTC		ANNUAL			
Z Processors	\$1,825,000	Processor Maintenance	\$123,540	Utilities	\$441,469	Utilities S&S		\$44,454	
4 DR						DB2 MLC		\$72,240	
Processors	\$120,000)				QMF MLC		\$34,716	
IBM Storage (42TB)	\$1,449.801	Storage Maintenance	0			zOS I	MLC	\$78,576	
(<i><i><i></i></i></i>					SubT	otal MLC	\$185,532	
TOTAL	\$3,394,801	TOTAL	\$123,540	TOTAL	\$441,469	TOTA	AL.	\$229,986	
[Distribute	d Hardware		Distributed Software					
OTC		ANNU	AL OTC		отс	ANN		UAL	
HP Processors	\$1,700,735	Processor Maintenance	\$164,044	Oracle EE & Ut	tilities \$1,35	52,000	Oracle S&S	\$297,440	
HP storage	\$3,107,469	Storage Maintenance	\$30.951	Unix	\$20	4,828	Unix S&S	\$58,205	
(75TB)	\$3,107,409	Maintenance	\$30,951	HP Storage SW	V \$22	25,100			
TOTAL	\$4,808,204	TOTAL	\$194,995	TOTAL	\$1,78	81,928	TOTAL	\$355,645	
	06 - Consolidating Data on System z v2.0.ppt							45	

