

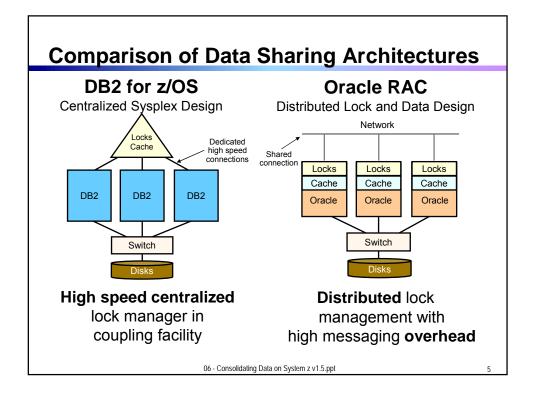


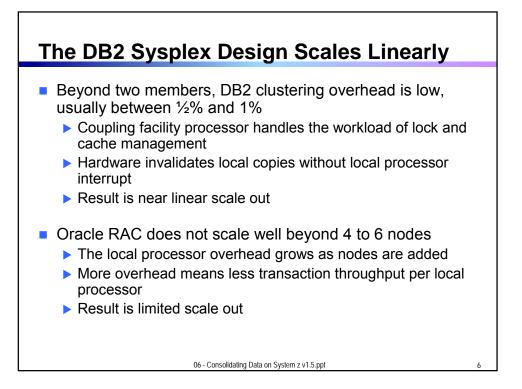
DB2 for z/OS is in 25 of the top 25 banks worldwide

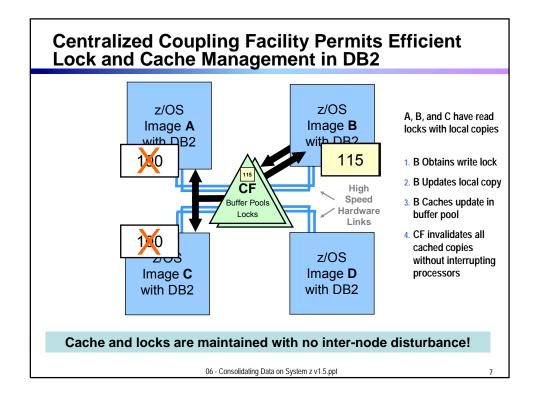
### Why?

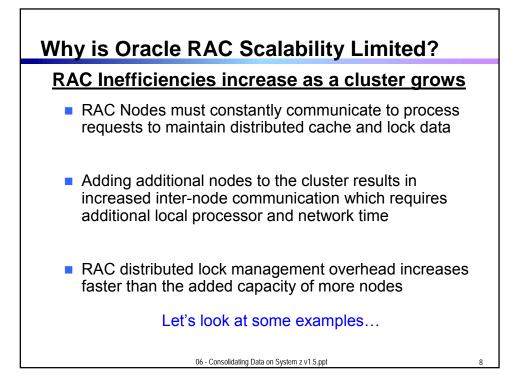
- Highest Scalability Near-linear scalability and workload management
- Highest Availability DB2 provides nearly continuous 99.999 availability.
- Proven Security and Compliance RACF, Encryption, DB2 Audit Management Expert
- Better Support of Current Technology Trends Native XML support and SAP optimization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

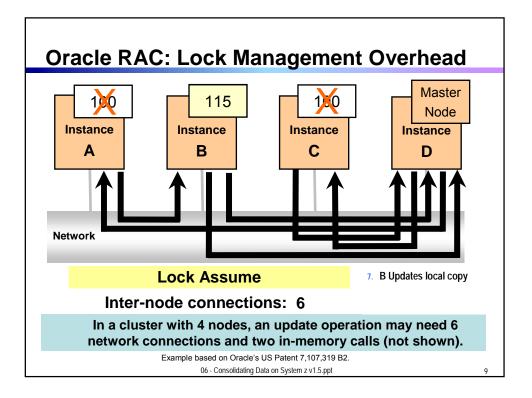
06 - Consolidating Data on System z v1.5.ppt

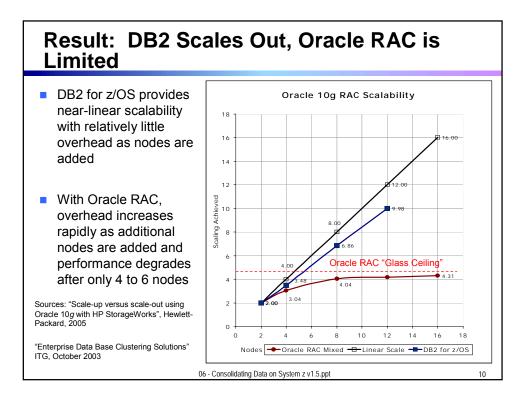


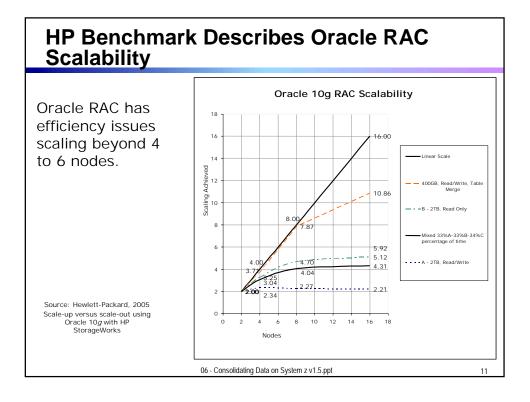


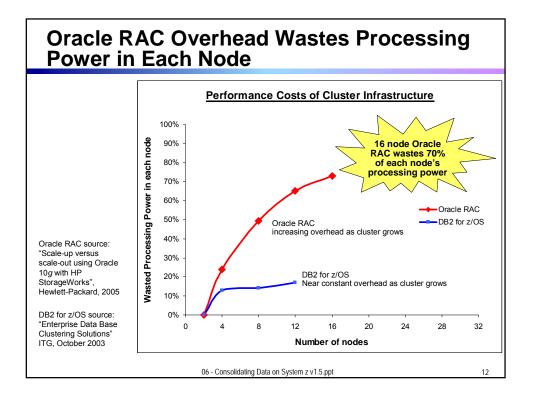


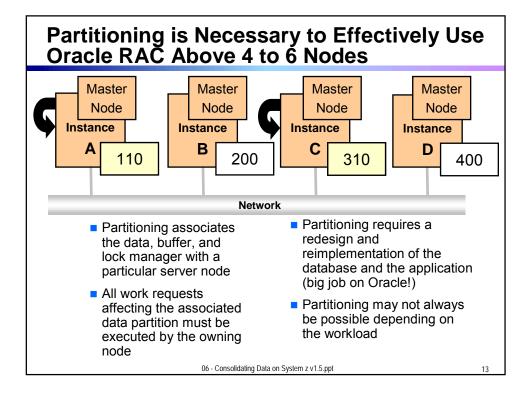


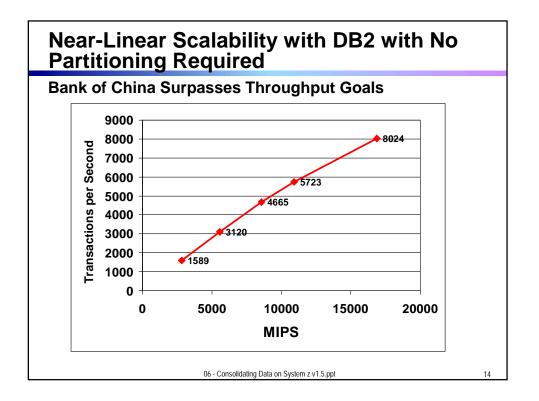




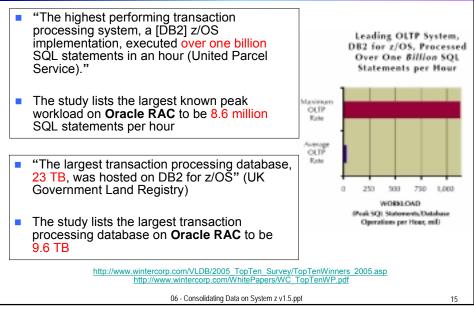


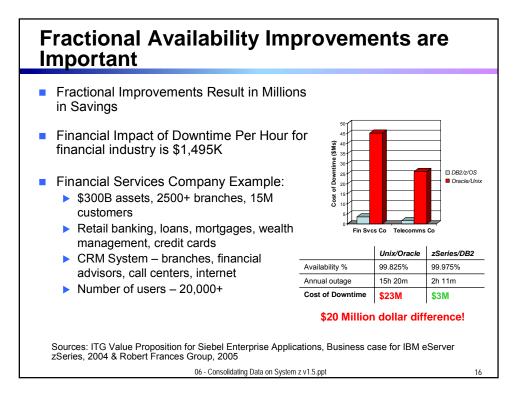


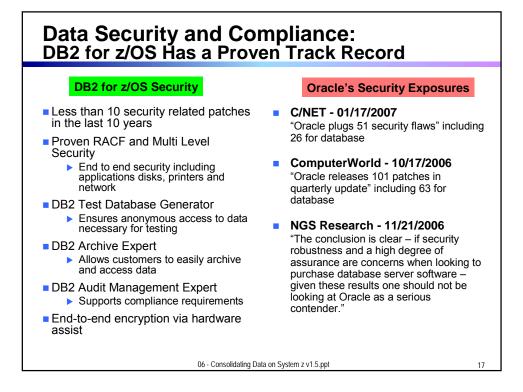


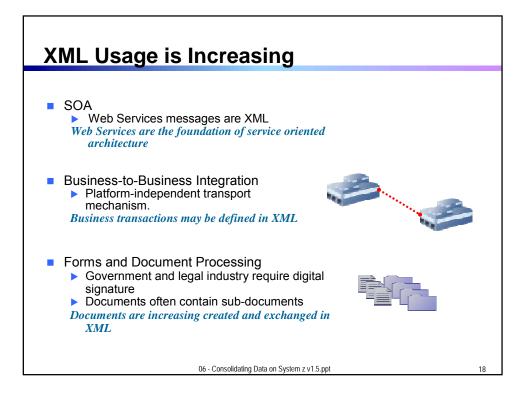


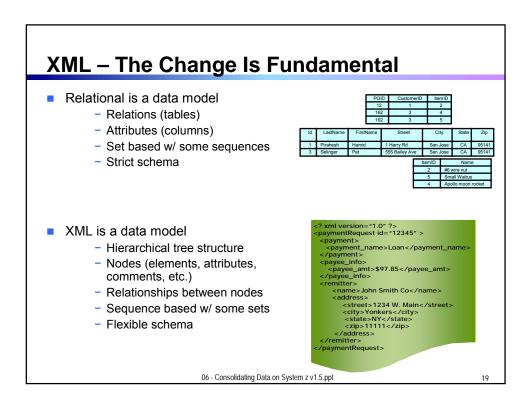
### Compare Scalability Achievements: Winter Corporation's "2005 Top Ten" Awards

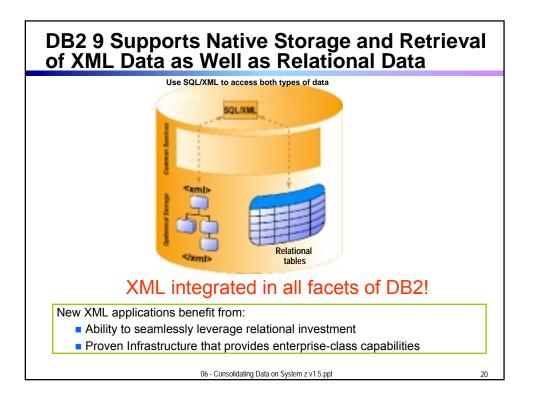


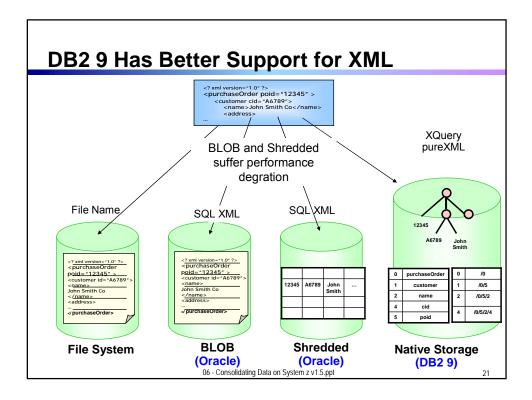


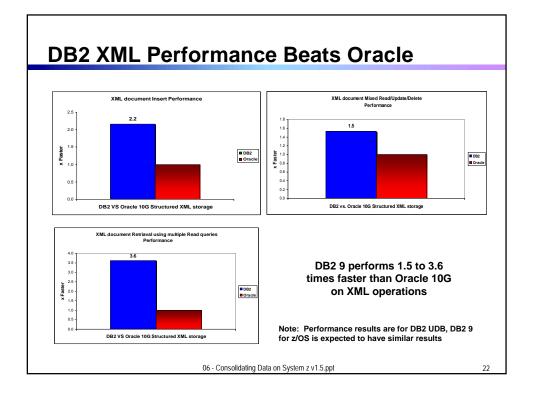


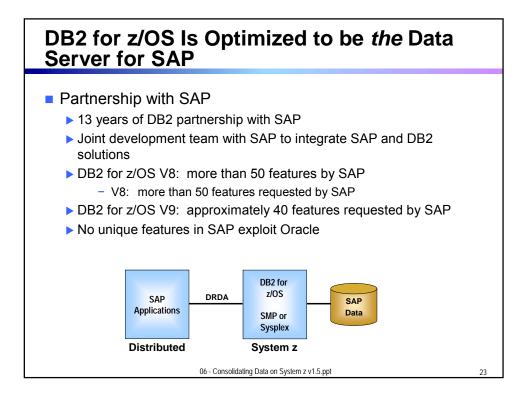


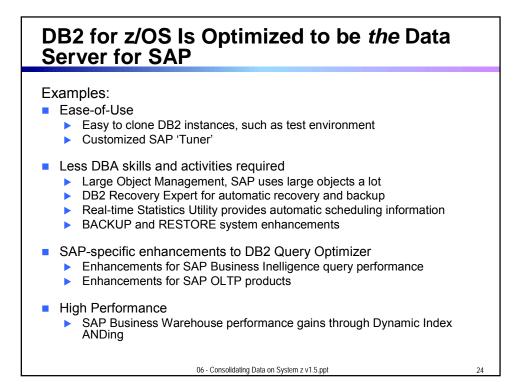


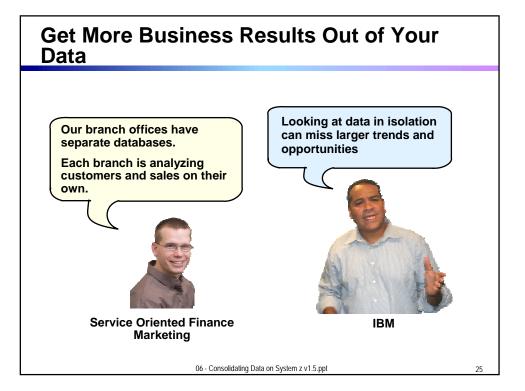


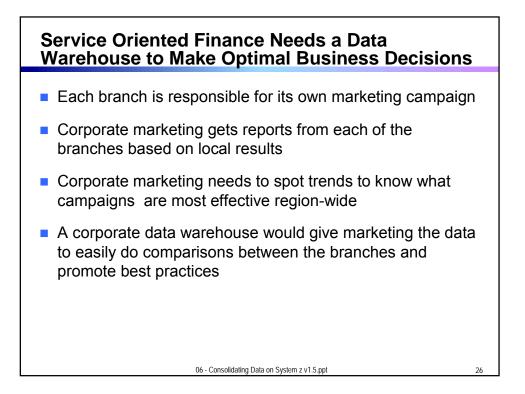


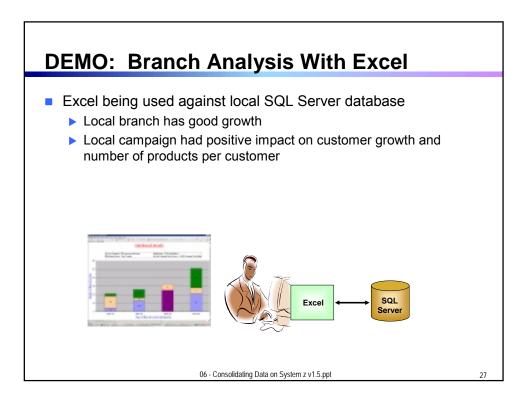


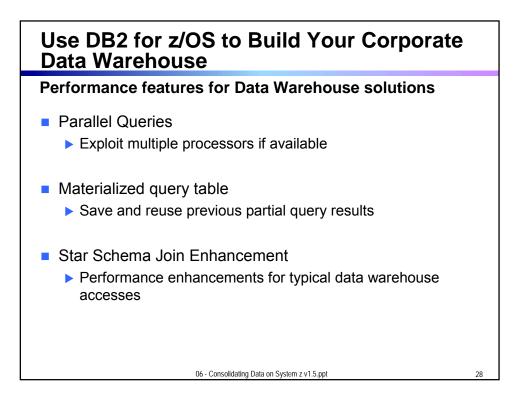










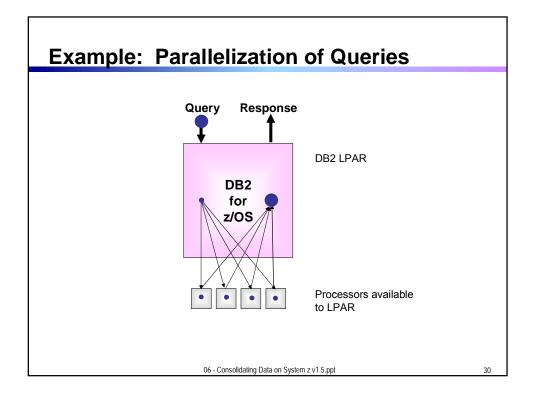


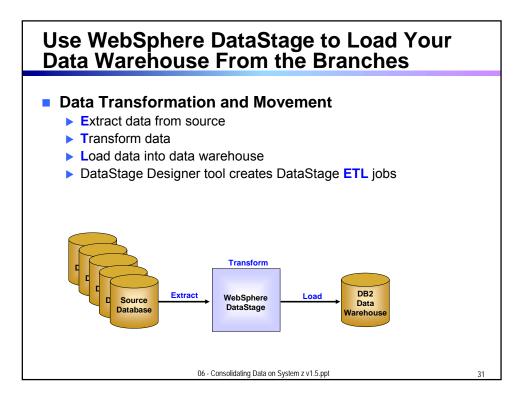
### DB2 for z/OS Automatically Parallelizes Queries

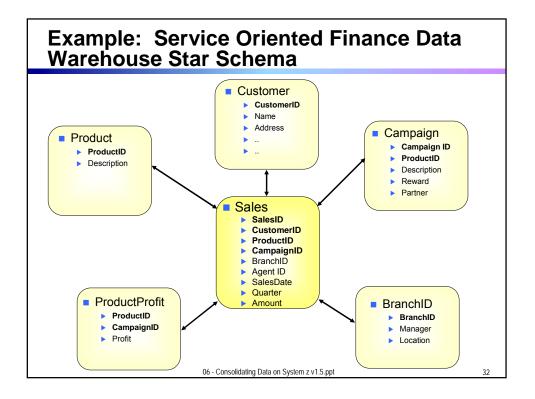
- Three techniques are supported
  - Utilize multiple processors on a single system
  - ► Utilize multiple processors across a sysplex
  - Execute parallel I/O requests
- These techniques are combined as configurations permit

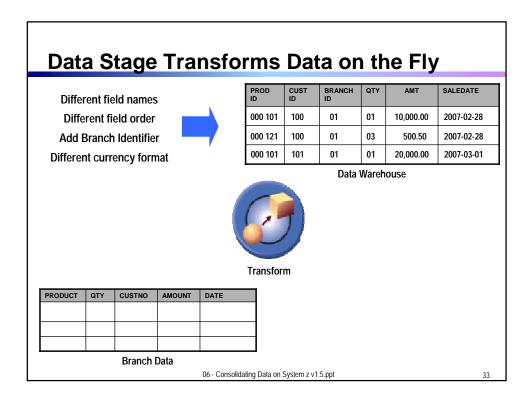
06 - Consolidating Data on System z v1.5.ppt

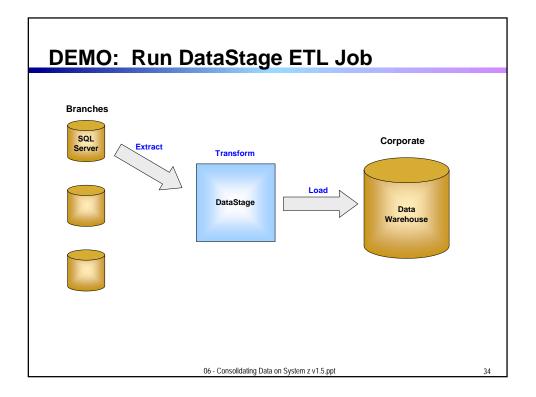
29











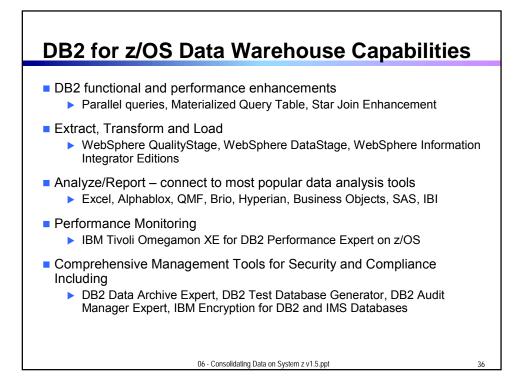
# DEMO: Use Same Excel Tool to Do Corporate Level Analysis

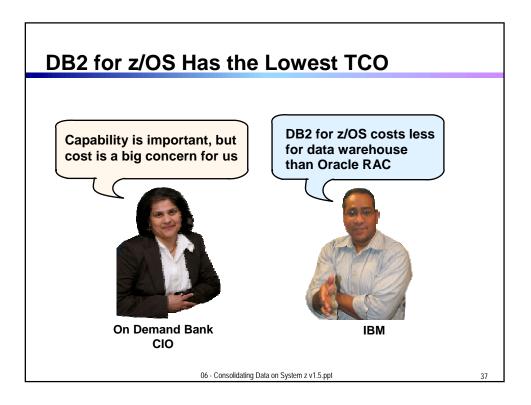
- Excel accesses data from DB2 for z/OS seamlessly
- Campaign to offer mortgage point deduction most effective...Park City branch shows this
- The Inlet branch has the largest number of new accounts for all of the branches, however that does not necessarily equate to the most profit



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06 - Consolidating Data on System z v1.5.ppt





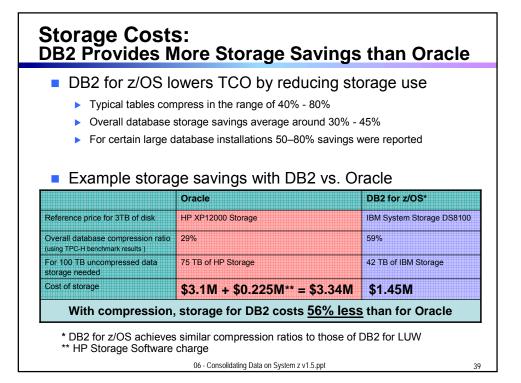
## **DB2 – Better Compression Ratio Than Oracle**

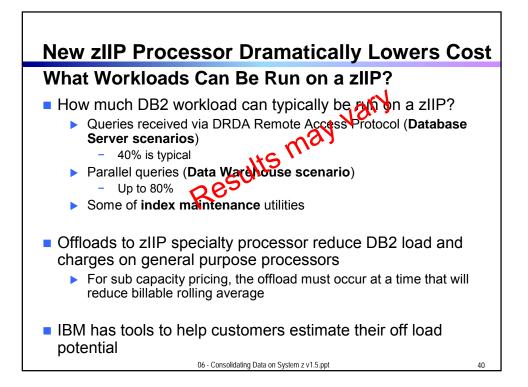
TPC-H is a well known data warehouse benchmark

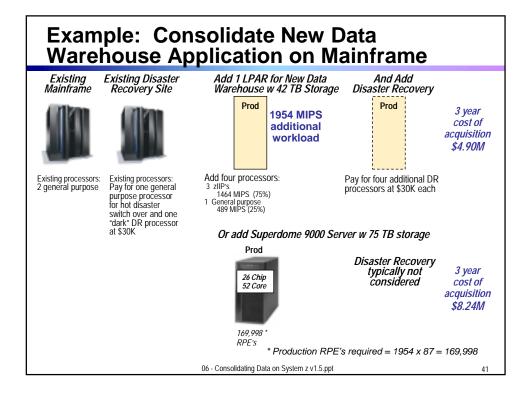
- Each vendor uses the same tables and same data
- Oracle published their compression rates for TPC-H tables at the VLDB conference in 2003
- ▶ IBM ran the same tests on the same tables

### Test results

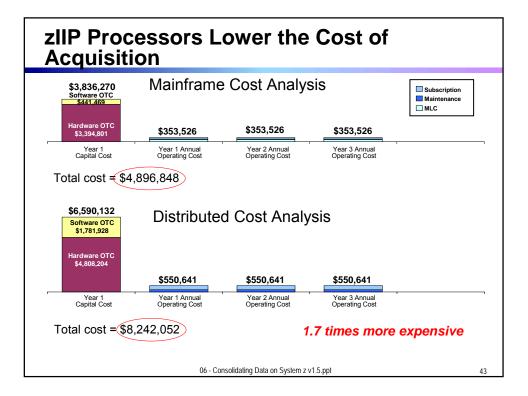
	Compression Ratio		
Table	Oracle	DB2	
LINEITEM	38%	58% (1.5x better)	
ORDERS	18%	60% (3x better)	
Entire Database	29%	59% (2x better)	

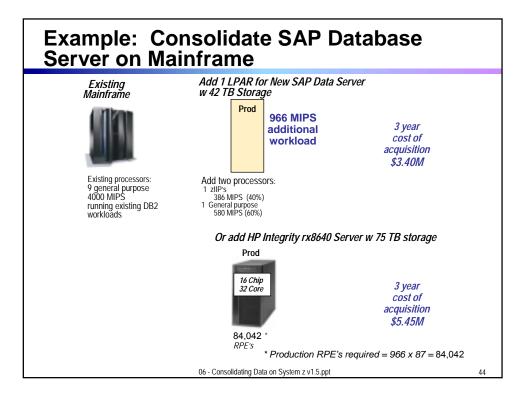






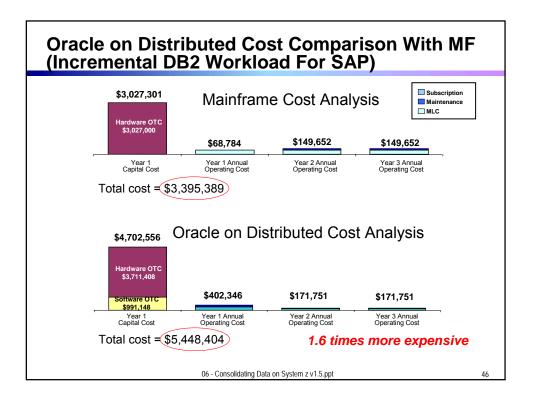
Data Warehouse Incremental Cost Breakdown								
Mainframe Hardware				Mainframe Software				
0	гс	ANN	UAL	0	тс		ANNUAL	
Z Processors	\$1,825,000	Processor Maintenance	\$123,540	Utilities	\$441,469	Utiliti	es S&S	\$44,454
4 DR						DB2	MLC	\$72,240
Processors	\$120,000					QMF	MLC	\$34,716
IBM Storage (42TB)	\$1,449,801	Storage Maintenance	0			zOS I	MLC	\$78,576
(421D)	\$1,449,0U	Maintenance	0			SubT	otal MLC	\$185,532
TOTAL	\$3,394,801	TOTAL	\$123,540	TOTAL	\$441,469	9 TOTAL \$229,98		\$229,986
[	Distributed	d Hardware			Distribut	ed S	oftware	
OT	С	ANNU	IAL		OTC	OTC ANNUA		JAL
HP Processors	\$1.700.735	Processor Maintenance	\$164.044	Oracle EE &	Jtilities \$1,3	52,000	Oracle S&S	\$297,440
HP storage	ψ1,700,700	Storage	¢101,011	Unix	\$2	04,828	Unix S&S	\$58,205
(75TB)	\$3,107,469	Maintenance	\$30,951	HP Storage S	SW \$225,			
TOTAL	\$4,808,204	TOTAL	\$194,995	TOTAL	\$1,7	81,928	TOTAL	\$355,645
		06	5 - Consolidating Dat	a on System z v1.5.	ppt			42





# SAP Data Server Incremental Cost Breakdown

Mainframe Hardware				Mainframe Software			
0	OTC ANNUAL		OTC		ANNUAL		
1 General Processor	\$1,452,500	Processor Maintenance	\$80,868	Utilities	\$0		
1 zIIP Processor	\$125,000	)				DB2 MLC Incremental	\$33,840
IBM Storage (42TB)	\$1,449,801	Storage Maintenance	0			zOS MLC (zNALC)	\$34,944
TOTAL	\$3,027,301	TOTAL	\$80,868	TOTAL	\$0	TOTAL	\$68,784
1	Distributed Hardware Distributed Software						<b>;</b>
OT	С	ANNU	JAL	0	гс	ANN	UAL
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 \$35,81 Prepaid \$107,456 in year 1 for 3 years	
TOTAL	\$3,711,408	TOTAL	\$154,090	TOTAL	\$991,148	TOTAL	\$333,259
06 - Consolidating Data on System z v1.5.ppt						45	



# Diver 10,000 Licenses World Wide Owns 96% of Relational System z Market Place Over 3,000 TBs of Production Data Over 8 Million Clients Over 700 ISV Applications and Packages Many, Many More Customer References

