



Protection of consumer information has become a significant business issue Many government agencies are requiring disclosure of security breaches 22 states have security breach similar legislation Source: www.Privacyrights.org Similar United States legislation has been proposed Source: http://www.epic.org/privacy/bill_track.html Industry organizations are also increasing scrutiny of security procedures.

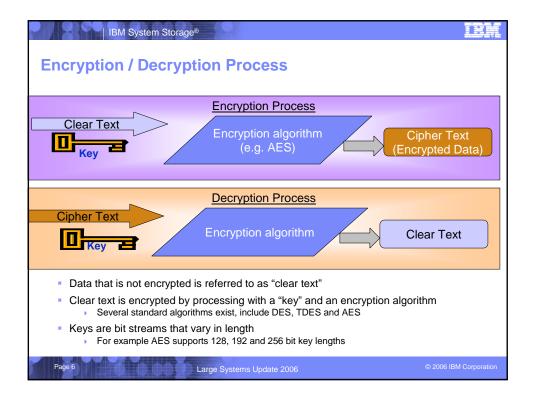
- Source: Payment Card Industry Security Audit Procedures Version 1
- Over 93 million consumer records containing personal information compromised since 2/2005
 - Source: www.Privacyrights.org

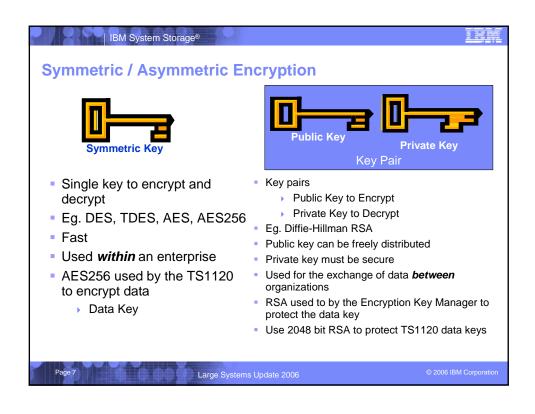
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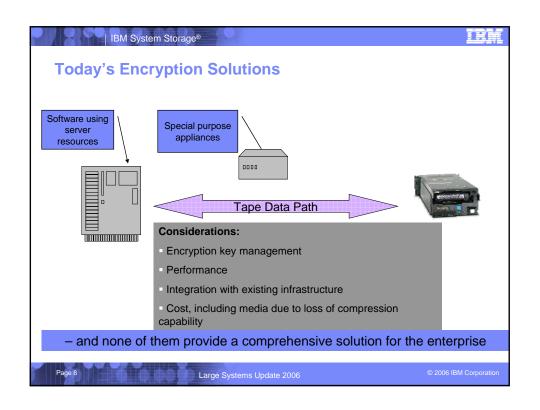
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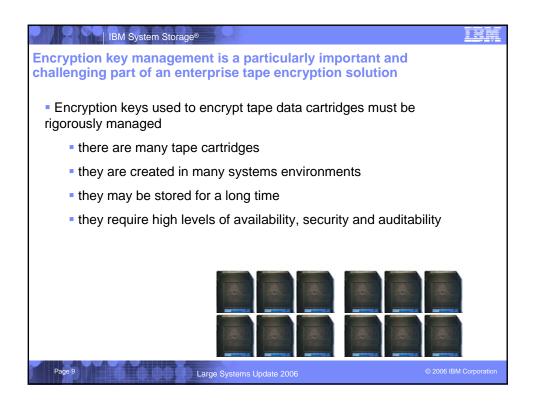
For example.... Feb 25, 2005, Bank of America backup tape containing 1.2M records were stolen Apr 20, 2005, same happens to Ameritrade, 200k records lost May 2, 2005, do Time Warner, 600k records June 6, 2005, CitiFinancial, 3.9M records July 6, 2005, City National Bank, unknown number of records Dec 16, 2005, LaSalle Bank, 2M mortgage records lost, DHL found the tape 4 days later and the horror story continues, check for yourself! NB! In US, these issues have to be made public. Nobody knows the extent of losses in other countries!

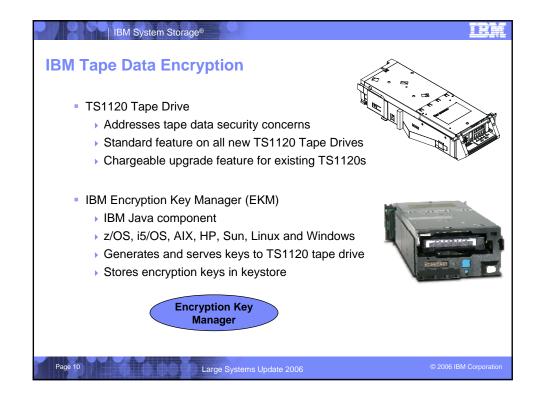


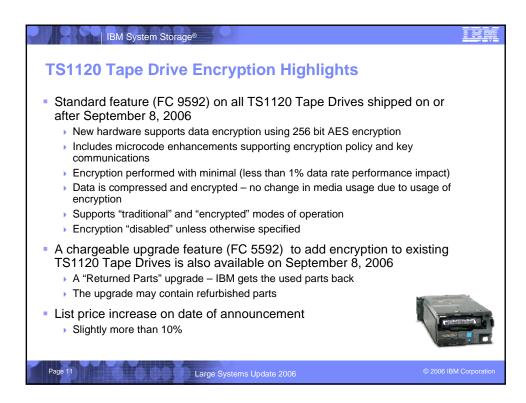


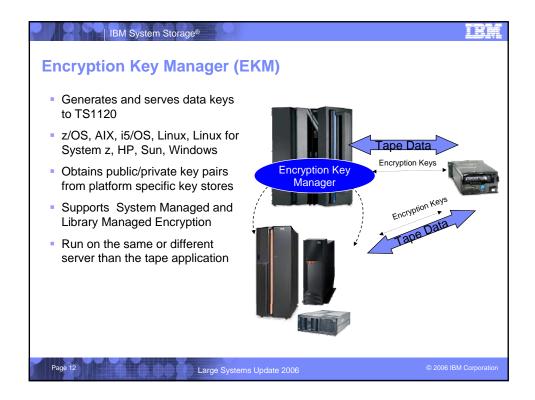


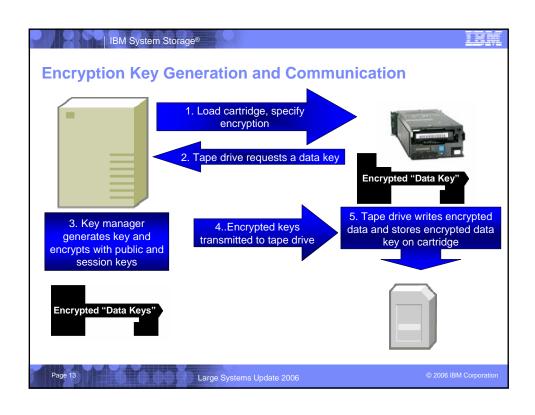


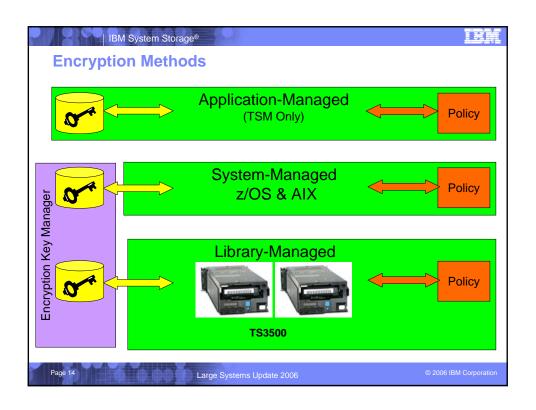


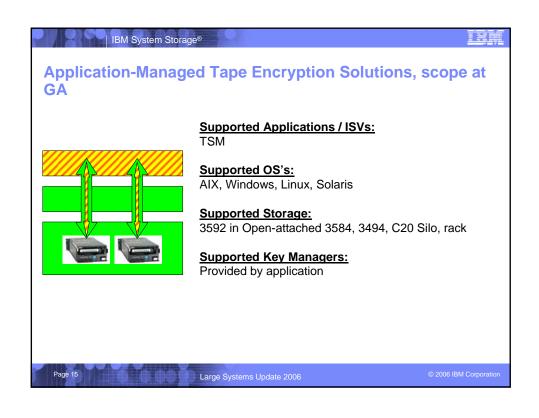


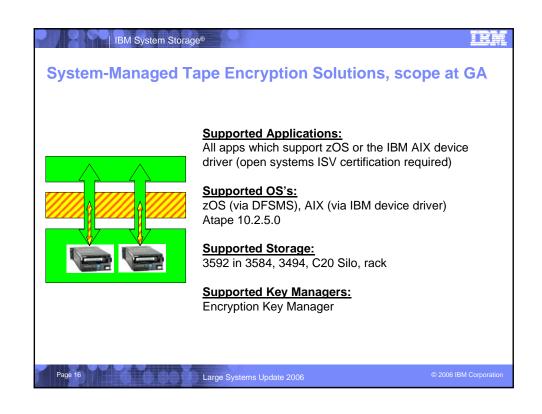


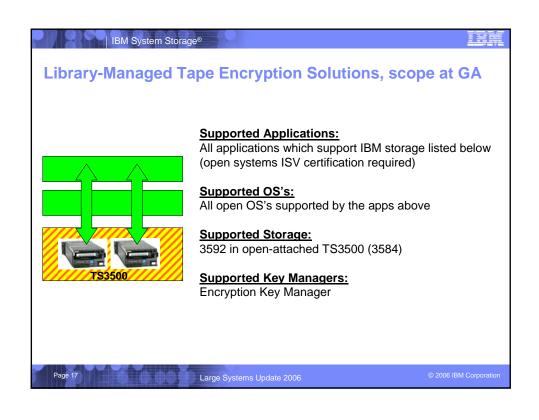


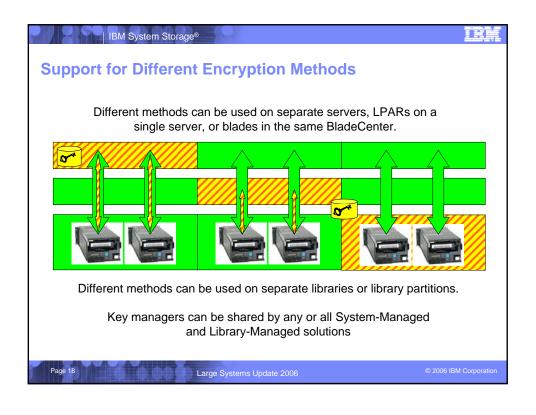












Encryption	Policy	Policy	Data Key	
<u>Method</u>	Encrypt?	Key Label?	<u>Generation</u>	
Application	TSM Devclass	NA	TSM	
System Open	Atape Device Driver	Encryption Key Manager (EKM)	Encryption Key Manager (EKM)	
System zOS	DFSMS Data Class or JCL DD	DFSMS Data Class, JCL DD or EKM	Encryption Key Manager (EKM)	
Library	TS3500 (3584) Web Interface	TS3500 (3584) Web Interface or EKM	Encryption Key Manager (EKM)	

Application or System Hosting Tape Application	Encryption Management Methods	Encryption Key Manager Required?	Tape Sub-systems supported	Date Supported
Fivoli Storage Manager (AIX, Window Servers)	Application Managed	No	TS3500, 3494, Silo, Rack	9/29/2006 – (5.3.4)
z/OS	System Managed Only	Yes	TS3500, 3494, Rack, Silo, 3592 J70 and C06	10/27/2006 (z/OS 1.6 & 1.7) 11/17/2006 (z/OS 1.8)
AIX	System, Library and Application	Yes for System and Library No for Application Managed	System – TS3500, 3494, Rack, & Silo Library – TS3500 Only Application (TSM) – TS3500, 3494, Silo, Rack	AIX 5.2 and later System & Library Managed— 9/8/2006 TSM Application Managed — 9/29/2006
5/OS, HP, Sun, Vindows, Linux, .inux for System z	Library Managed	Yes	TS3500	9/8/2006 – TS3500 Support for all open systems 9/8/2006 – EKM support on Linux, i5/OS, AIX 12/1/2006 – EKM Support on HP, Sun. Windows

