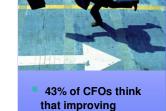


Compliance Challenges

Companies face increased pressure to achieve and maintain compliance – all with limited resources, time and budget

- "Through 2010, public companies that do not adopt a compliance management architecture will spend 50 percent more annually than their peers to achieve Sarbanes-Oxley compliance."
 - Gartner Group
- "As companies look to make SOX compliance more efficient and repeatable and improve controls reliability, technology is becoming a key enabler of these efforts...Corporate governance, including Sarbanes-Oxley, remains one of the top five priorities for North American IT organizations in 2006."
- Forrester Research



64% of CIOs feel that the most significant challenges facing IT organizations are security, compliance and data protection

governance, controls

and risk management is their top challenge.

CFO Survey: Current state & future direction, IBM Business Consulting Services

IBM Service Management Market Needs Study, March 2006

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Who Causes Security Breach Incidents?

- Malicious or unintentional insiders
 - 87% of insider incidents are caused by privileged or technical users
 - Many are inadvertent violations of:
 - Change management process
 - Acceptable use policy
 - Others are deliberate, due to:
 - Revenge (84%)
 - "Negative events" (92%)
 - Either way, too costly to ignore:
 - Internal attacks cost 6% of gross annual revenue
 - $-\,$ Costing \$400 billion in the US alone
- Sophisticated outsiders
 - Efforts to penetrate corporate defenses through their high-level employees' information are on the rise
 - Phishing, Whaling, etc.

Sources: Forrester research, IdM Trends 2006; USSS/CERT Insider Threat Survey 2005; CSI/FBI Survey, 2005; National Fraud Survey; CERT, various documents

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Privileged or technical

users (87%)







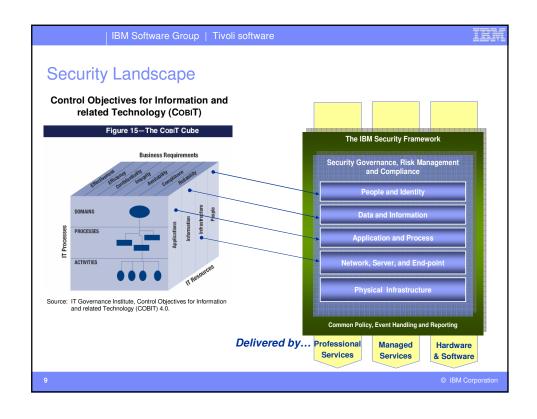
Why Should You Care?

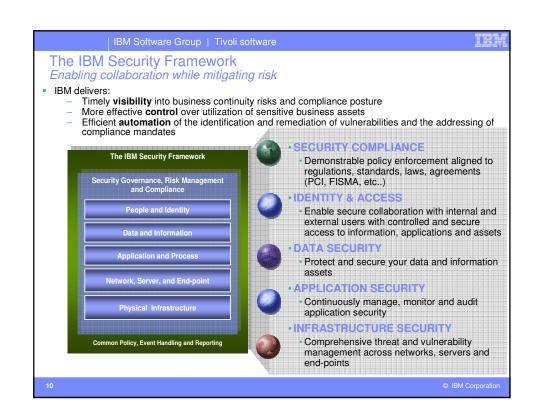
- Your auditors care
 - Industry and government regulations (e.g. PCI, SOX, etc)
 - Fines and penalties for non-compliance
- Your CEO cares
 - Brand and corporate image and integrity
 - Customer retainment / attrition
- Business risks:
 - Intellectual Property
 - Legal and Regulatory Exposures
 - Your Customer Information
 - Customer Confidence
 - Cost of Remediation
 - Business Disruption
 - Your Job



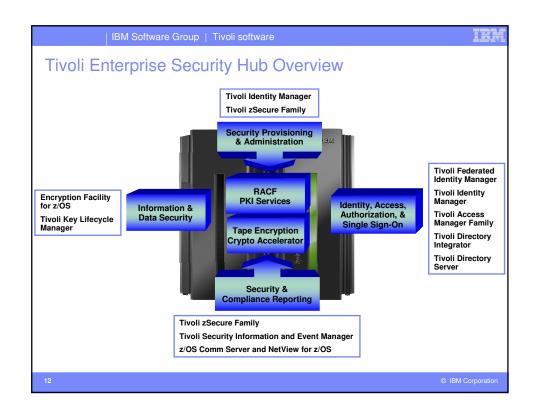
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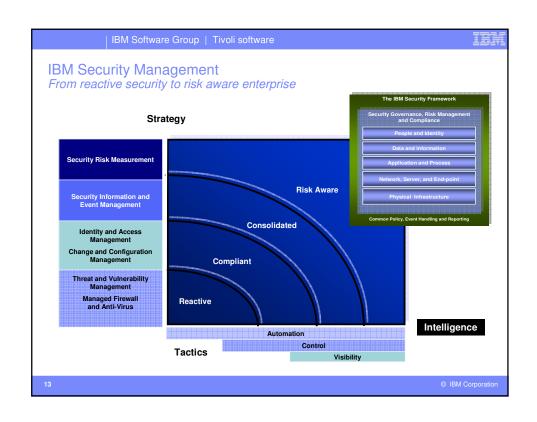
Consequences of a PCI-Related Security Breach Financial Risk Average cost of data-loss incident = \$197 per record Merchant banks may pass on substantial fines Up to \$500,000 per incident from Visa alone Civil liability and cost of providing ID theft protection Compliance Risk Exposure to Level 1 validation requirements Operational Risk Visa-imposed operational restrictions Potential loss of card processing privileges

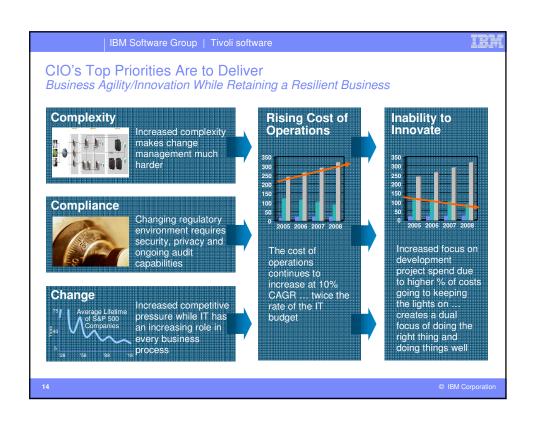


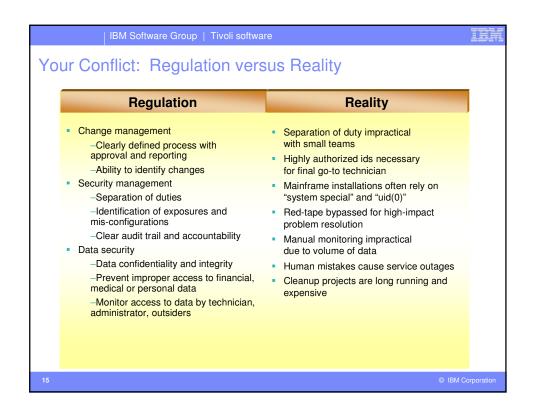


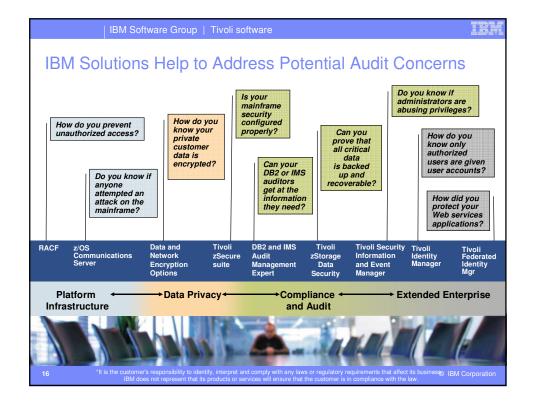


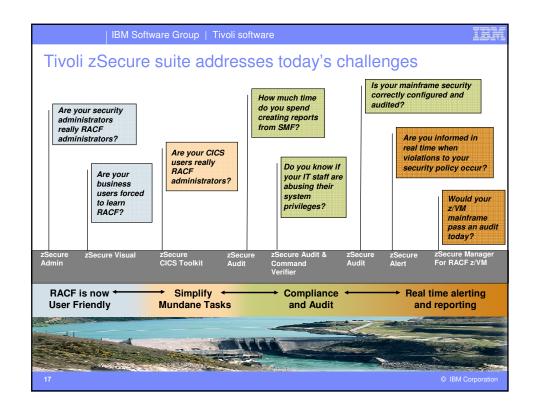


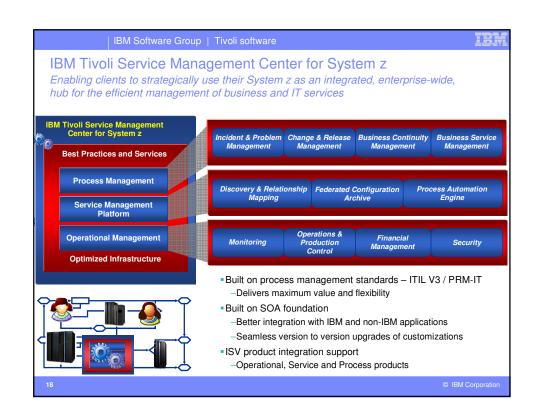




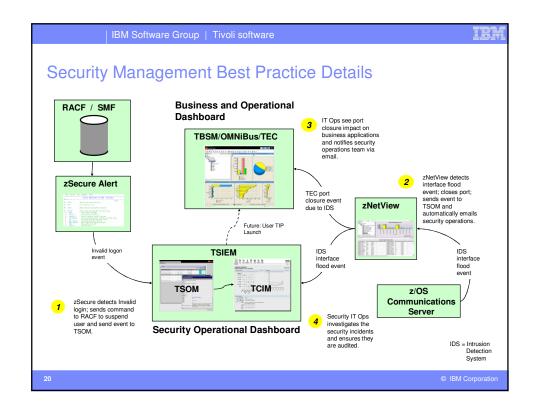


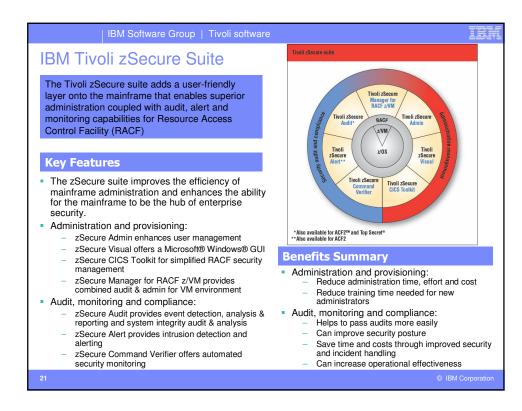




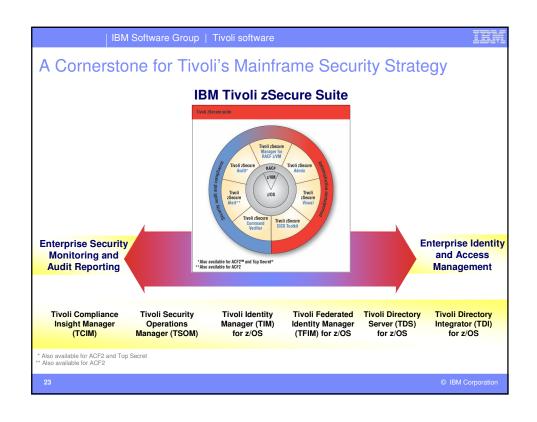


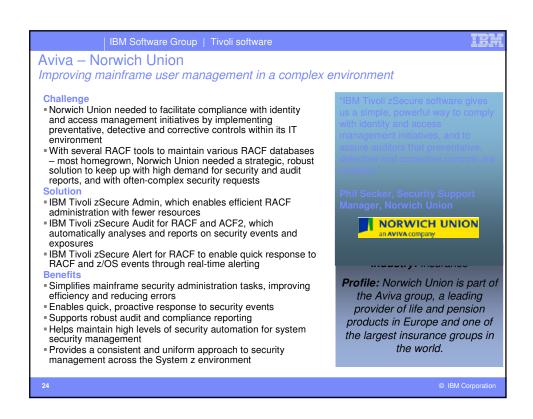














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Challenge

As the number of industry regulations increased and the complexity of its operating environment grew, ING needed to reduce the time and cost of providing its 113,000 employees with secure access to data and services.

Solution

- IBM Tivoli Identity Manager, IBM Tivoli Directory Integrator, IBM Tivoli Access Manager for e-business, IBM WebSphere Application Server, IBM eServer pSeries
- IBM Global Services

Benefits

- Projected savings of total €15 million (US \$20 million) a year through process improvements.
- Projected 50% reduction in number of staff needed to manage identities
- Decrease in turn-on time for new users from one week to less than 24 hours.
- Anticipated 25% savings in help-desk costs through self-service of password resets.
- Reduction in time and cost of regulatory compliance.



"With IBM Tivoli identity management technology, we can transform a convoluted process into a model of efficiency. Once fully implemented, this will save us a total of €15 million a year and help us reduce the number of staff needed to manage employee identities by 50 percent."

Dion Kotteman
 Program Manager
Global Information Risk
Management, ING

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Philips International BV Securing company assets and strengthening compliance

Challenge

- Ensure total control of global funds network
- Comply with regulations such as Sarbanes Oxley and Tabaksblat, the corporate governance code for Netherlands

Solution

 Implemented IBM Tivoli Compliance Insight Manager to protect company assets and comply with regulations

Benefits

- Total control of all data activities and traffic
- Constant control and evidence of commercial payment processes
- Established complete protection against manipulation of information

PHILIPS
sense and simplicity

"Thanks to IBM Tivoli Compliance Insight Manager, we can now validate all the treasury data published in our annual report with greater confidence than ever before."

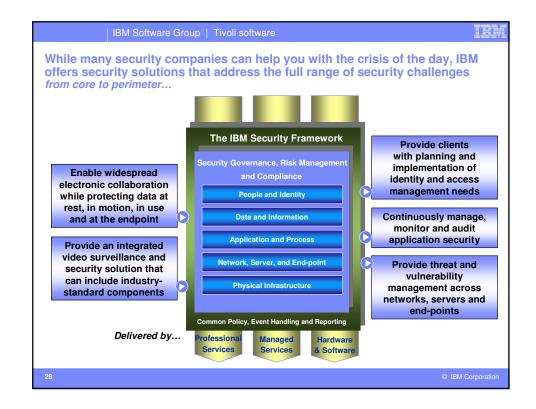
Gabriel van de Luitgaarden Senior Vice President



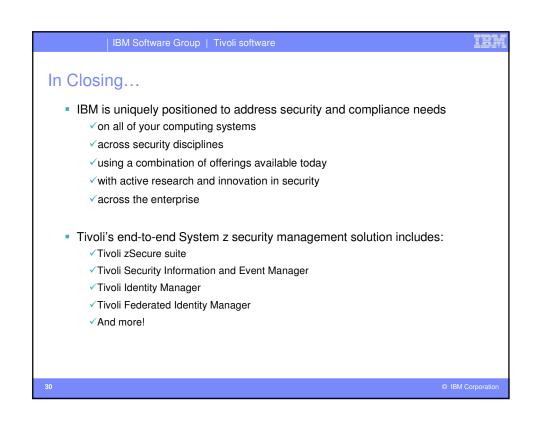
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Thank You!

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 - Enforce Policy Compliance on RACF zSecure Command Verifier
 - http://www-306.ibm.com/software/os/systemz/telecon/19jun/index.html
 - Optimizing RACF Security for z/VM zSecure Manager for RACF z/VM
 - http://www-306.ibm.com/software/sw-events/webcast/X659588E45662G80.html
- SHARE, Aug 10-15, 2008
 - Demos at z security pedestal at Expo booth
 - Lunch and Learn session on Tuesday, 8/12 @ 12:15pm
 - Education sessions and hands-on labs for zSecure

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Resource Center

zSecure online customer forum

http://www-128.ibm.com/developerworks/forums/forum.jspa?forumID=1255

CCR2 Newsletter Article

http://www.ibm.com/software/tivoli/features/ccr2/ccr2-2007-09/innovative-mainframe.html

zSecure data sheets, solution sheets, and white papers

http://www-306.ibm.com/software/tivoli/products/zsecure/

zSecure Manuals

- http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp?topic=/com.ibm.zsec ure.doc/welcome.htm
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