



# **Sicurezza e IT: i processi di Auditing, Compliance & Risk Management**

La soluzione IBM Tivoli-Consul e un caso reale

# Agenda

- **10:00 - 10:20 Benvenuto e introduzione – IBM e l’acquisizione di Consul**  
Giulio Peri, IBM Tivoli Security Sales Leader – South West Europe
- **10:20 - 10:45 Overview: Auditing, Compliance e Risk Mgmt: l’approccio IBM**  
Raffaella D’Alessandro, IBM Security & Privacy Services Consultant
- **10:45 - 11:30 La soluzione IBM Tivoli-Consul**  
Monica Galiano, IBM Tivoli Security Pre-Sales
- **11:30 - 11:45 Coffee Break**
- **11:45 - 12:00 Demo**
- **12:00 - 12:45 Case History: l’esperienza di un cliente nell’area Insurance**  
Brian Jensen, Royal & Sun Alliance
- **12:45 - 13:00 Chiusura**
- **13:00 Buffet Lunch**



# **Consul Risk Management, Inc.**

## Strengthening IBM's Security Management Solution

Giulio Peri  
Sales Leader – South West Europe  
IBM Tivoli Security

## Commitment to comprehensive security management

***IBM is investing to provide greater value to our clients, who face increasing security and compliance challenges***

- Leveraging the IBM portfolio of software, professional services, and systems hardware to help clients achieve comprehensive security, compliance, and data protection
- Providing end-to-end IBM Service Management software offerings, with deep security and compliance management capabilities for complex infrastructures
- Enhancing cross-IBM value by enabling the mainframe to be the hub for enterprise security management
- Delivering integrated coverage across distributed and mainframe platforms, and helping clients to implement secure service-oriented architectures (SOA)

## Acquisition Rationale

***Our clients are looking for integrated security management across mainframe and distributed environments and are seeking more efficiency in managing compliance efforts***

- **64% of CIOs feel that the most significant challenge facing IT organizations is Security, Compliance and Data Protection**
- **63% of IT executives also cite complying with government regulations as a key challenge<sup>1</sup>**

***We are rounding out the IBM portfolio to help clients more fully address compliance management in a heterogeneous environment, starting with infrastructure compliance and positioning them for broader business process compliance in the future***

<sup>1</sup> IBM Service Management Market Needs Study, March 2006

# Compliance challenges – industry context

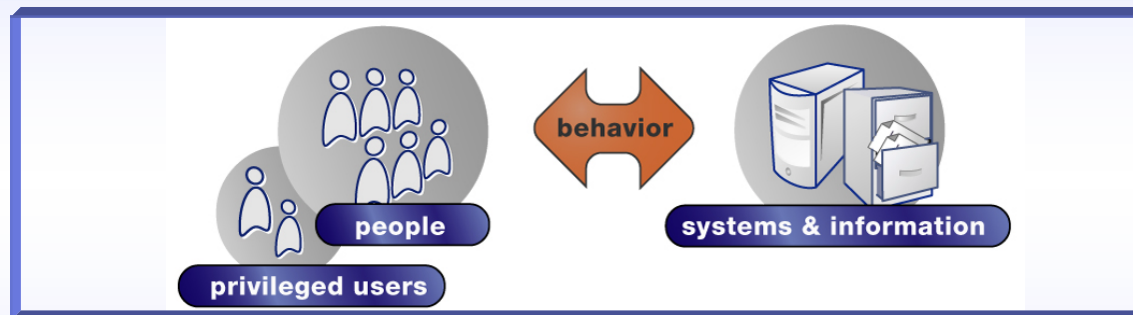
**86% of internal security incidents are perpetrated by a company's most privileged and technical users such as administrators, outsourcers, consultants, or other power users.\***



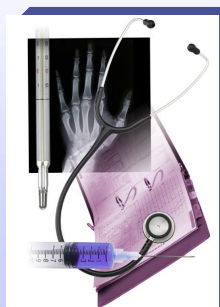
Detect when an authorized but unfamiliar identity accesses a system containing future design concepts



Identify when an authorized user accesses an abnormal number of customer records



Be alerted when an unauthorized user attempts to access pricing data server



Validate that medical records have been kept private



Observe that the database administrator has accessed the payroll records

\* U.S Secret Service and CERT Coordination Center/SEI -- Insider Threat Study: Computer System Sabotage in Critical Infrastructure Sectors May 2005

## Massive Insider Breach At DuPont

A research chemist who worked for DuPont for 10 years before accepting a job with a competitor downloaded 22,000 sensitive documents and viewed 16,706

The Delaware U.S. attorney on Thursday revealed a massive insider data breach at chemicals company DuPont where a former scientist late last year pleaded guilty to trying to steal \$400 million worth of company trade secrets. He now faces up to a decade in prison, a fine of \$250,000, and restitution when sentenced in March.

Carnegie Mellon CERT Comments:  
**“75% of ... confidential information thefts studied ... were committed by current employees”**

**“45% had already accepted a job offer with another company”**

What occurred:

- **Employee leaving for competitor**
- **Accessed database**
- **Transferred 180 documents to new laptop**
- **Tried to steal \$400M in Trade Secrets**

Source: InformationWeek, Feb. 15, 2007

## What is Consul Risk Management?

# Consul Risk Management

Consul Risk Management, founded in 1986, was a privately owned company based in Delft, Netherlands, with a principal office in Herndon, Virginia.

### Consul Risk Management's Business Focus

- Providing compliance and audit management software that speeds the delivery and lowers the cost of tracking, investigating and reporting on non-compliant usage of information technology (IT) applications and systems, such as unauthorized access by privileged users.

### Consul Risk Management's Key Products:

- Consul InSight Suite
  - Full enterprise security audit and compliance management for distributed and System z platforms, including centralized log management, interpretation, and compliance-focused reporting.
  - Products: Consul InSight Security Manager, standard and 'exceptional' event collectors, mainframe plug-ins for enhanced auditing for IBM RACF (i.e. zAudit, zAlert, zLock), and compliance modules for specific regulations and legislation (e.g. SOX, ISO 17799)
- Consul zSecure Suite
  - Mainframe-based IBM RACF security audit and management tools for System z
  - Products: InSight zAudit (audit and monitoring), InSight zAlert (intrusion detection), InSight zLock (policy enforcement), zAdmin (RACF administration), zVisual (distributed administration), zToolkit (CICS interface)



## What Problem Does Consul Risk Management Solve?

**Consul Risk Management** provides IT organizations of all sizes a powerful solution for monitoring business compliance processes, automatically providing alerts when information or technology assets are at risk, when data is inappropriately accessed, or if compliance processes have been breached.

- **How can I effectively monitor business compliance processes?**

I have a multitude of internal business controls in place that must be audited. How can I quickly and constantly assess how I'm doing, especially relative to specific regulations or legislation?

- **How can I discover when information or technology assets are at risk?**

I have a huge set of logs that must be collected, managed and interpreted for risks.  
How can I centralize & automate this process?

- **How can I find inappropriate access to data?**

I have privileged and trusted users accessing my internal business systems. How can I ensure that they are only accessing the proper information?

### **Consul Risk Management Competitive Advantages**

Fine-grained W7 (Who, What etc.)  
Analysis

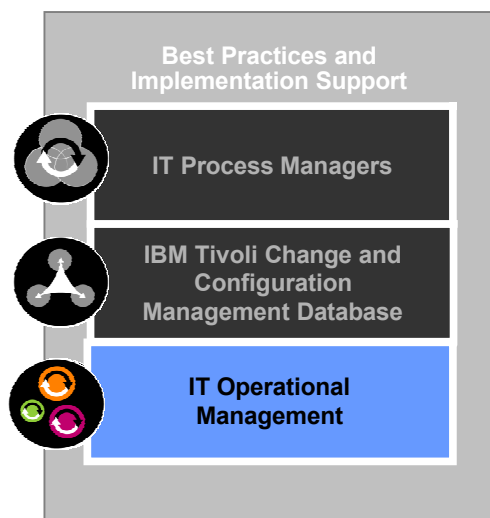
Specific Compliance Modules

Privileged User Management

Distributed & z Support for Log  
Management and Correlation

## Why Was Consul Risk Management Acquired by IBM?

# Consul Risk Management

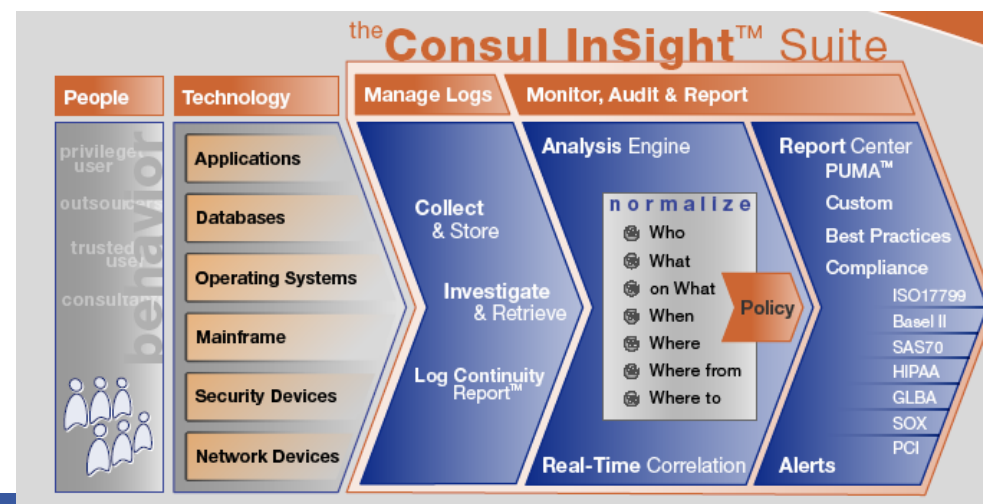


- **Supports IBM's vision for IT Service Management**
  - Offers a complete compliance and audit management platform for the IBM Tivoli Identity and Access Management solutions
  - Provides an integration point for IBM's security management technologies (TSOM, TSCM, ISS)
- **Offers clear value for customers**
  - Timely, powerful reporting against regulatory and legislative requirements
  - Efficient and effective analysis and management of huge numbers of sources of security-related information
  - Proactive auditing for privileged and trusted user access of applications and systems

# How to get customers started with Consul Risk Management

## Compliance and Audit Management

- Challenge
  - Collective analysis of huge numbers of security-related logs
  - Reporting to corporate executives on audit status relative to specific regulations and legislation
- Solution
  - Deploy Consul InSight Security Manager with appropriate collectors and compliance modules (including zSecure for System z support)
- Benefits
  - Compliance and audit processes automated
  - Internal audit status reported quickly and effectively
  - Costs lowered across IT infrastructure



# Consul customer success stories – Hundreds worldwide

Financial, Banking & Insurance	Retail & Manufacturing	Transportation & Utilities
Outsourcers and Service Providers	Government & Education	Healthcare