
 What makes you special?

IBM/Security

Audit & Compliance

Alfonso Ponticelli
Software Group - Security

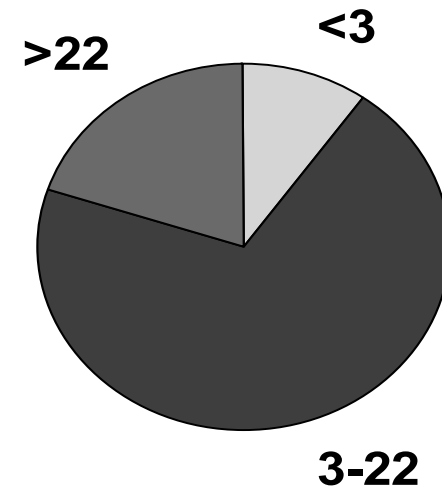


IBM Governance and Risk Management 
Maximize Value, Manage Risk

IT Policy Compliance Group Study

- **75%** delle aziende ha più di 3 incidenti di sicurezza in un anno riguardanti l'accesso a dati ritenuti importanti
- “Cosa abbiamo trovato attraverso questo studio tuttavia è che **le aziende che hanno avuto i risultati migliori sono quelle che hanno investito di più sulla sicurezza e la conformità alle policy**”
- “Le aziende migliori sono quelle che **non solo hanno raggiunto la conformità a regolamentazioni o standard, ma che effettivamente verificano e controllano quanto stabilito almeno una volta alla settimana**”

Incidenti in 1 anno



Source: “Taking Action to Protect Sensitive Data,” IT Policy Compliance Group, March 2007
http://www.itpolicycompliance.com/research_reports/data_protection/read.asp?ID=9

Security e compliance challenges

- **Aumento del numero di standard di Sicurezza**
 - Le normative sono una decina (Basilea II, ISO17799, Dlg. 196/2003, SOX...)
 - Le iniziative di compliance aumentano in ogni settore di industria
 - Migliorare monitoring e controllo, al fine di gestire i rischi e quindi evitare penali e perdita di business
- **Aumento della complessità**
 - Diversità di tecnologie e di infrastrutture complicano il processo di compliance
 - Evoluzione tecnologica (Web 2.0) che trasformano per complessità la compliance in una sfida
- **Aumento dei costi**
 - Difficile sapere a priori il costo di un'attività di audit sulle moderne infrastrutture, eterogenee e distribuite
 - Non risultare compliance e non prevenire gli incidenti di security incide fortemente sui costi aziendali



- **43% dei CFO pensano che migliorare la governance, i controlli e il risk management siano l'obiettivo prioritario**



Sottovalutare la Governance & Risk Management può essere disastroso

January 29, 2007 03:00 PM

TJX Stored Customer Data, Violated

Visa Payment Rules The company held on too long to cardholder data...

InformationWeek

By Larry Greenemeier

Bacs system failure hits 400,000 salary payments Up to 400,000 people will receive their salary three days late because the Bacs payment processing system - used by every bank in the UK - experienced a failure on Wednesday. By Will Hadfield. Friday

ComputerWeekly.com

FBI loses 3-4 laptops a month, auditor says

AP Associated Press

February 12, 2007

BusinessWeek

Sidestepping Disaster; Raynor argues for a governance structure that will allow for safer growth by Dean Foust March 19, 2007

CIO

Telstra's \$11M Network and IT Overhaul in Trouble February 14, 2007 — **CIO** — Australian telecommunications giant Telstra is struggling to successfully upgrade its IT infrastructure...

IT glitch 'could hit elections'

Burnley Council says problems could be nationwide IT problems could cause disruption for more than 100 councils at May's local elections, the BBC has learned.

March 27, 2007, BBC Staff Writer

BBC NEWS

Bill Would Punish Retailers For Leaks of Personal Data by Joseph Pereira (February 22, 2007)

THE WALL STREET JOURNAL.

February 15, 2007

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 more in the online library.

By: Larry Greenemeier

EETIMES ONLINE

Head Of Nuclear Agency Leaving Under Pressure Over Security Lapses

AP Press Release, January 5, 2007

USA TODAY



InformationWeek

BUSINESS INNOVATION POWERED BY TECHNOLOGY

Massive Insider Breach at DuPont

February 15, 2007 – 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 more ...

- “Per le aziende il modo migliore per difendersi da incidenti interni è prevedere adeguati processi di monitoraggio sugli accessi alla rete ed ai database e la definizione di apposite soglie oltre le quali identificare un’attività che a secondo dell’utente può classificarsi anomala.”

Cosa si è verificato:

- Dipendente passa al competitor
- Ha eseguito accessi al database
- Ha trasferito 180 documenti sul nuovo laptop

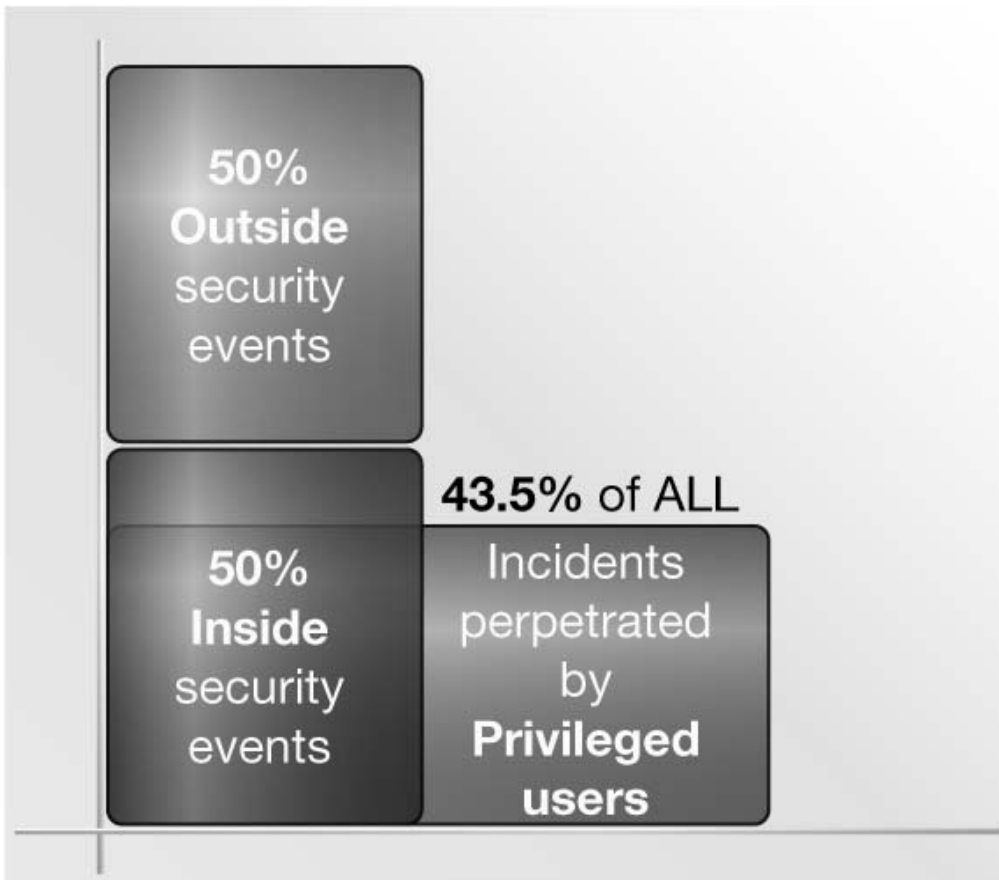
Carnegie Mellon CERT:

- “75% di furti di informazioni riservate, vengono eseguiti dai propri dipendenti”
- “45% aveva già accettato un lavoro con un’altra azienda”



Source: InformationWeek, Feb. 15, 2007

Gli attacchi interni sono quasi sempre dipendenti dai privilegi



- Il numero di attacchi provenienti dall'interno rispetto all'esterno è approssimativamente uguale (CSI/FBI Survey 2005)
- 87% degli attacchi interni possono essere attribuiti ad utenti privilegiati (USSS/CERT Insider Threat Survey 2005)
- 43.5% del numero globale di incidenti di sicurezza possono essere dipendenti dai privilegi utente.
- Il gruppo di utenti privilegiati rappresentano <5% di una azienda



Cosa vi chiederà un auditor

- Violazione di privacy:
 - Esistono DBA che accedono ad informazioni riservate?
 - Esistono usi impropri delle applicazioni HR?
 - Si verificano usi non legittimi di identità?
- Violazione delle policy di sicurezza:
 - Si verificano delle modifiche all'infrastruttura non autorizzate?
 - Ci sono utenti root che hanno disattivato il tracciamento delle operazioni?
 - Quando sono stati cancellati i log di sistema?
 - Chi ha eseguito uno stop di uno o più processi del sistema?
- Amministratori che violano la segregation of duties:
 - Esistono transazioni che vengono inizializzate ed approvate dalla stessa utenza?
 - Esistono amministratori che creano ed approvano identità ed autorizzazioni sul sistema?

Ma la domanda a cui dovrete rispondere:

Sono in possesso di tutti gli strumenti per collezionare i dati necessari per i report che possano evidenziare violazione di policy?



The Top Five I.T. Control Weaknesses

http://www.cio.com/article/8097/_The_Top_Five_IT_Control_Weaknesses



JULY 1, 2005 | CIO MAGAZINE

The Top Five I.T. Control Weaknesses

Auditors saw the same problems over and over. Here they are, in order of frequency.

BY BEN WORTHEN

1. Failure to segregate duties within applications, and failure to set up new accounts and terminate old ones in a timely manner. This was the biggest. Most companies didn't have processes in place to make sure that when people switched divisions, their access to applications changed to reflect their new responsibilities. The CIOs interviewed for this article all reported establishing manual controls to address this problem for the first audit. Even Microsoft.



2. Lack of proper oversight for making application changes. In most organizations, a system administrator was responsible for all the changes to an application. But in order to pass the IT audit, CIOs had to appoint a person to make a change and another to perform quality assurance on it. And it had to be demonstrated that this procedure was being followed.

3. Inadequate review of audit logs. Most CIOs assigned someone to review application audit logs to make sure that systems were running smoothly. But with Sarbanes-Oxley, just performing the check no longer cuts it; you have to prove that it was done. In other words, you have to create an audit log of your audit log.

4. Failure to identify abnormal transactions in a timely manner. This is a classic IT problem that can often be fixed by making changes to the application so that it notifies you when there is a transaction that doesn't conform to preestablished rules.

5. Lack of understanding of key system configuration. It turned out that many IT departments weren't as smart as they thought they were. The solution to this weakness is simple: better training.

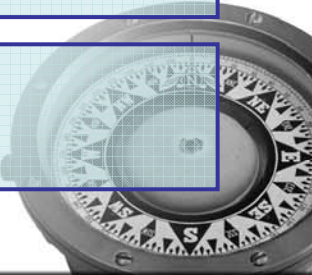
Omissione della segregate duties all'interno delle applicazioni, ed omissione della gestione del ciclo di vita delle utenze con cancellazione dei vecchi account, in tempo reale.

Assenza di adeguata supervisione sui processi di change del sistema.

Inadeguati processi per l'analisi dei logs

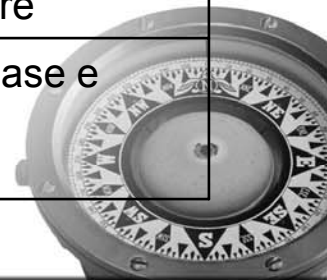
Difficoltà nell'identificare transazioni anomale in tempo reale

Difficoltà nel comprendere la configurazione del sistema



Cosa è rilevante ?

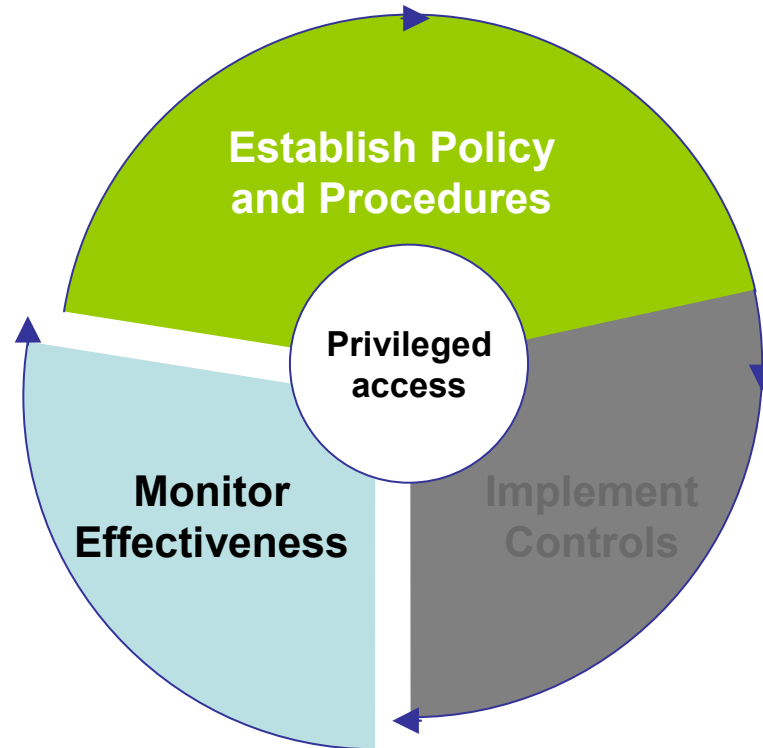
Categoria	Descrizione
Eventi di autenticazione	Eventi di logon / logoff
Eventi di gestione	Start di server, stop, back-up, restore
Change management	Modifiche di configurazione, modifiche sui processi di auditing, modifiche sulla struttura dei database, attività di manutenzione
Gestione utenze	Creazione di nuove utenze, modifica dei privilegi utente, attività di cambio password
Diritti di accesso	Comportamento di tutti i DBA includendo gli accessi ai dati, DBCC (Database Console Command), call a stored procedure
Accesso ai dati sensibili	Tutti gli accessi ai dati sensibili immagazzinati nei database e quindi operazioni di: select, insert, update, delete



La soluzione: la gestione degli utenti

Le difficoltà

- Syslog non sono sufficienti
- Ogni sorgente ha la sua sintassi
- Non basta archiviare ma bisogna poter effettuare interrogazioni
- Enorme quantità di dati





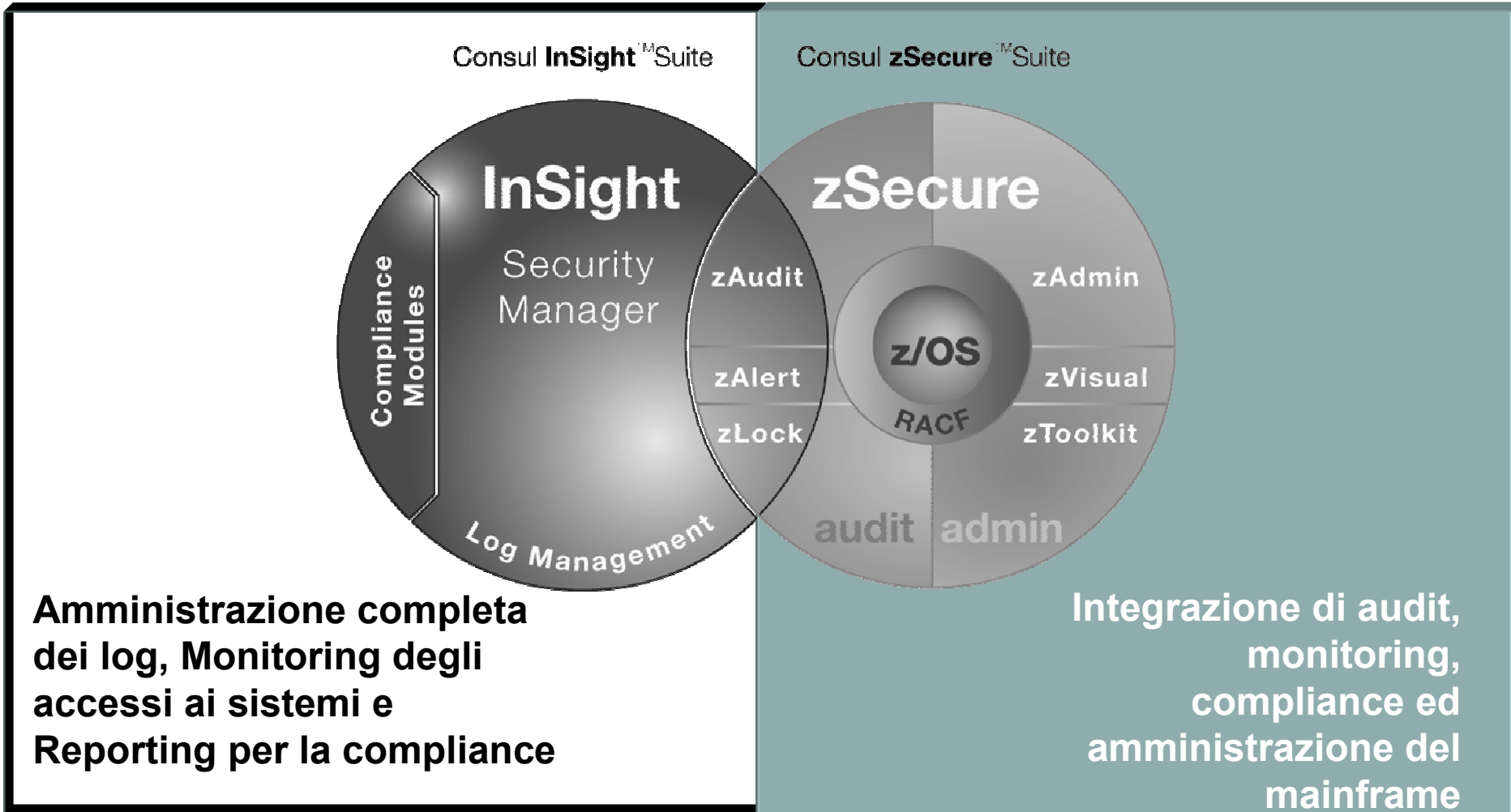
* What makes you special?

Tivoli Compliance Insight Manager

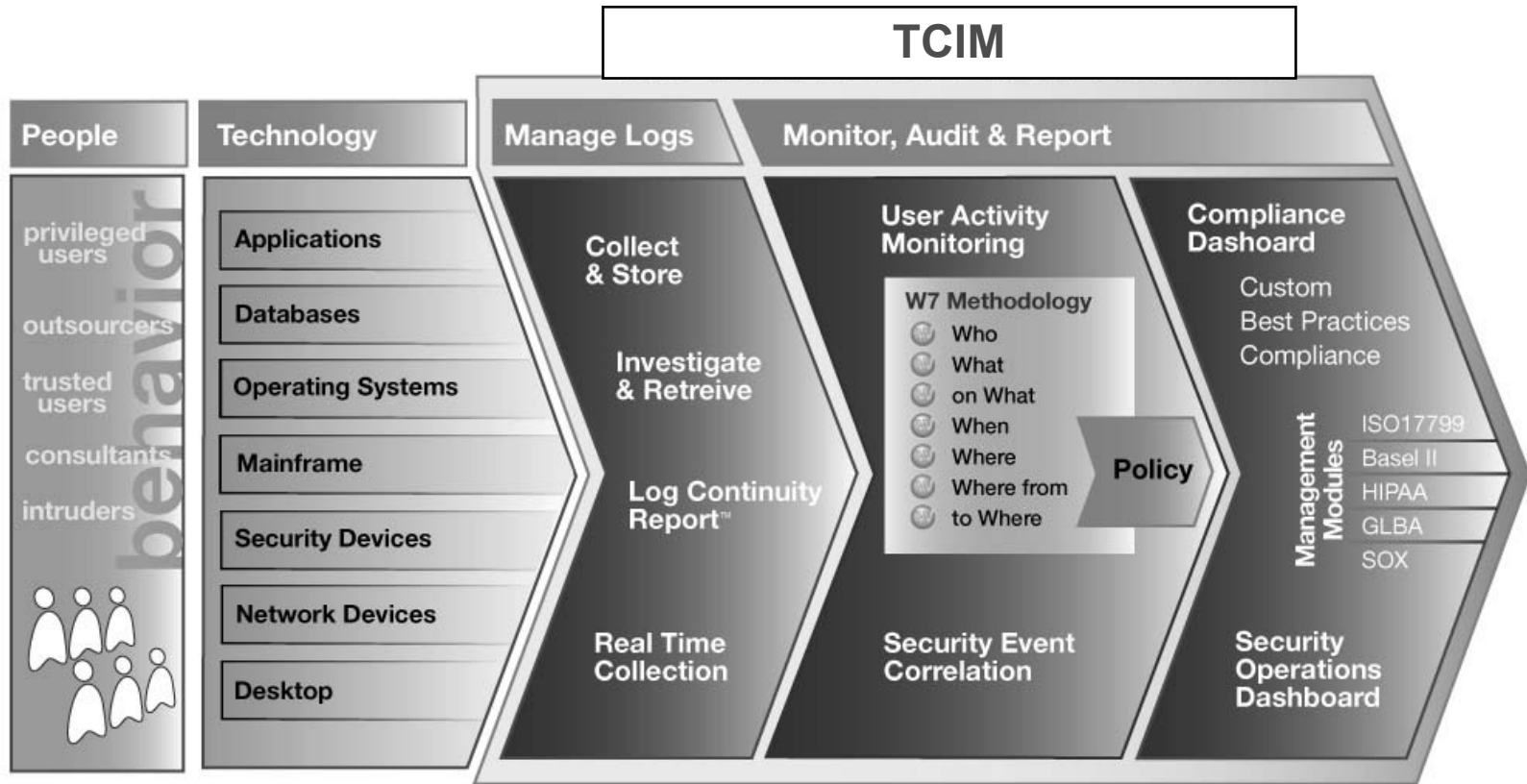


IBM Governance and Risk Management *
Maximize Value, Manage Risk

Tivoli Compliance: soluzione



Introduzione... IBM Tivoli Security and Compliance Insight




TCIM: i problemi che aiutiamo a risolvere

“Ho bisogno di produrre report per i miei auditor”

“Il mio staf non possiede tempo ed esperienza ma necessita di eseguire la scansione dei logs”

“Ho bisogno di storicizzare i log per analisi forense”



Communicate
Comprehend
Capture

“Ho bisogno di dimostrare di possedere una struttura di IT security controls”

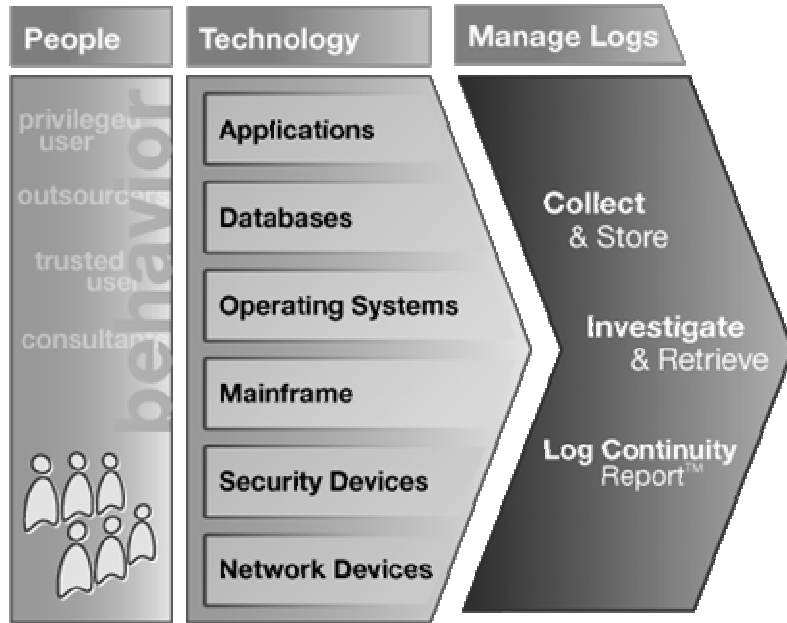
“Sono interessato ad individuare i privilegi che permettono determinate azioni”

“Non ho idea di quale log collezionare e come farlo”



Enterprise Log Management

Capture



Funzionalità:

- Sicuro, affidabile accentratore di log da qualunque piattaforma
- Cattura in automatico i syslogs
- Pieno supporto su attività di collect di eventi da log nativi
- Immagazzina in modo efficiente e compresso i dati in un depot
- Accesso ai dati quando necessario
- Ricerca su tutti i log
- Reports sui dati raccolti

Benefici:

- Riduzione dei costi grazie all'automatizzazione e centralizzazione del collect dei dati
- Essere sempre "audit ready"!



Implementation time: plug and play.

Log Continuity Report
 Prova istantanea per auditors e regulators che evidenzia che il vostro processo di log management è completo e continuo.

Dashboard History Continuity Activity Investigate Retrieval

Portal > Log Manager > Continuity Report

Log Continuity Report

> Graph

location

type

CRM007
Public Website
Web Server Public
Internet Banking Public

CRM013
Private Banking Server
Private Banking Website

CRM014
HR Data Server

CRM015
FTP server Partners

CRM023
Partner Webserver
IIS Partner Site

CRM024
EMEA mail

0:00 4:00 8:00 12:00 16:00 20:00

hour day week month year

June 24, 2005

> List of Logfiles

#	Size	Start Date	Time	End Date	End Time	Eventsource Type	Eventsource Name	Machine
3	33 kb	June 25, 2005	10:00	June 25, 2005	12:00 (GMT +1)	IIS	Public website	CRM007
5	21 kb	June 25, 2005	11:00	June 25, 2005	12:00 (GMT +1)	Windows Server	Web Server Public	CRM007
2	1.3 Mb	June 25, 2005	12:00	June 25, 2005	13:00 (GMT +1)	SAP	Internet Banking Public	CRM007
3	5 kb	June 25, 2005	13:00	June 25, 2005	13:17 (GMT +1)	Windows Server	Private Banking Server	CRM013
3	213 kb	June 25, 2005	14:00	June 25, 2005	16:30 (GMT +1)	IIS	Private Banking Website	CRM013
1	94 kb	June 25, 2005	15:00	June 25, 2005	19:00 (GMT +1)	Windows Server	HR Data Server	CRM014

Extra Information

Help

Actions

- Export to PDF
- Export to Excel
- Retrieve selected Logfiles
- Regenerate Report
- Adjust Schedule

View

- Hide Timezone (GMT +1)
- By Audited Timezone
- By Browser Timezone
- By Other Timezone

Filters

Sorting

- Start Date
- Start Time
- Audited Machine

Legend

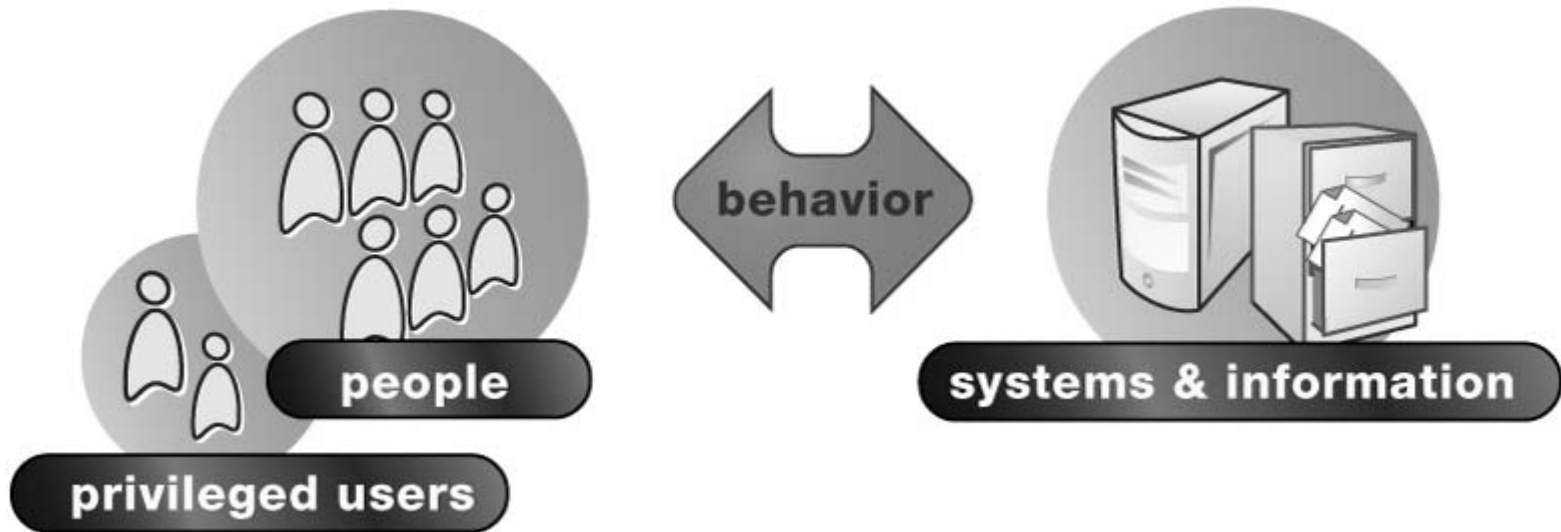
- Continuity Logfile
- Missing Logfile
- Missing Sub Logfile
- Failed collect, not collected yet
- Delayed collect, possible lost
- Archived Logfile
- Corrupt Logfile

Report information

Done My Computer

Cosa stanno facendo gli utenti sulla mia rete?

Comprehend



87% degli incidenti interni sono causati da utenti privilegiati.



Come faccio a capire il senso di tutto questo?

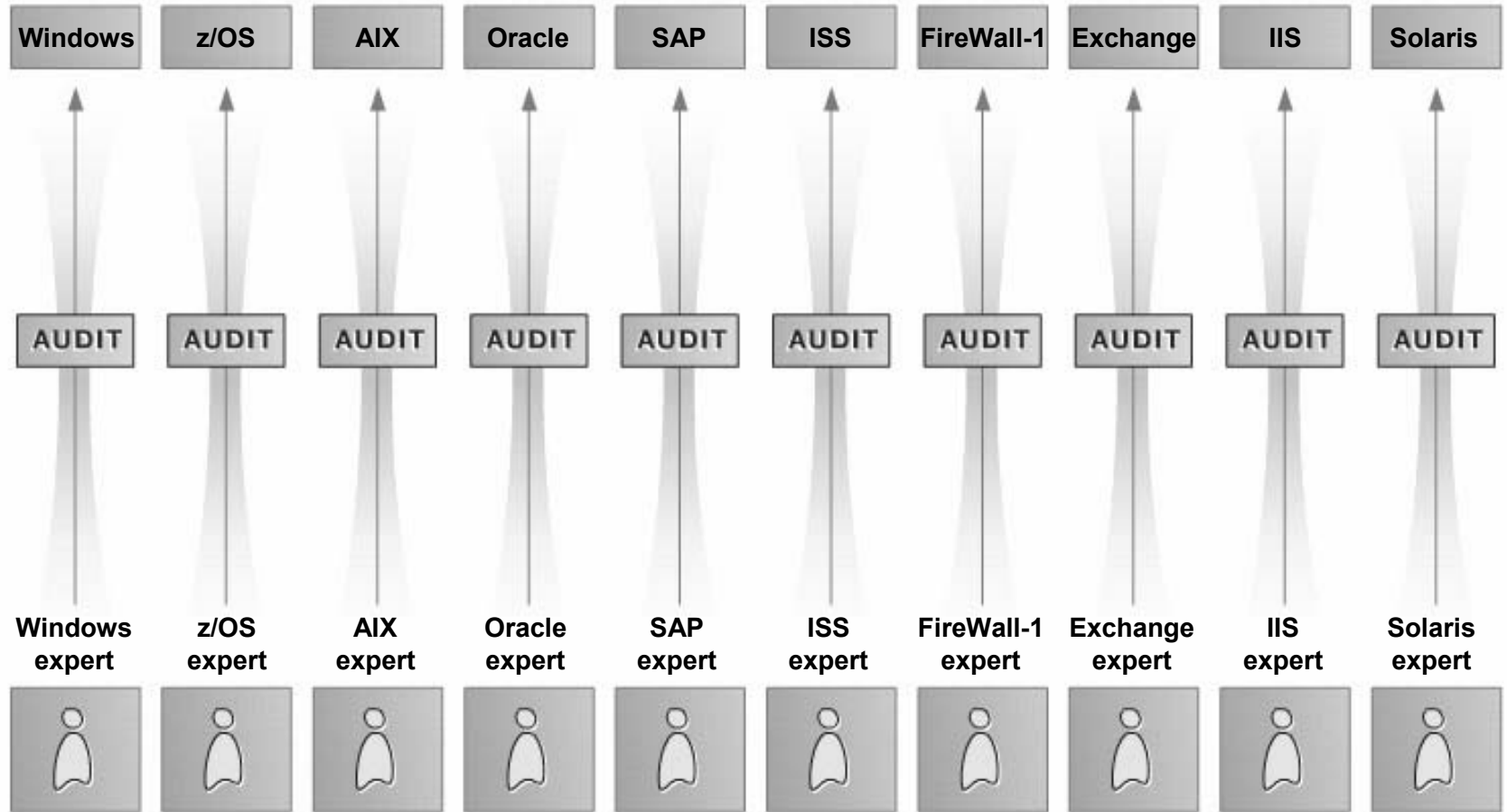
Comprehend

The screenshot displays three terminal windows. The top-left window shows a security audit log for system ID 2074 on APPLES, detailing a batch process login for user SYSTEM. The top-right window shows a security audit log for system ID 2073 on CYGNUS, detailing a network login for user MQM from IP 241059594. The bottom window shows system logs for authentication failures and session closures for user MQM. Red boxes highlight the IP address 'xyzz.bananajunior.com', the username 'MQM', and the process name 'MQMTC_P2_BG164'. Red arrows connect these elements across the different windows to illustrate their context.



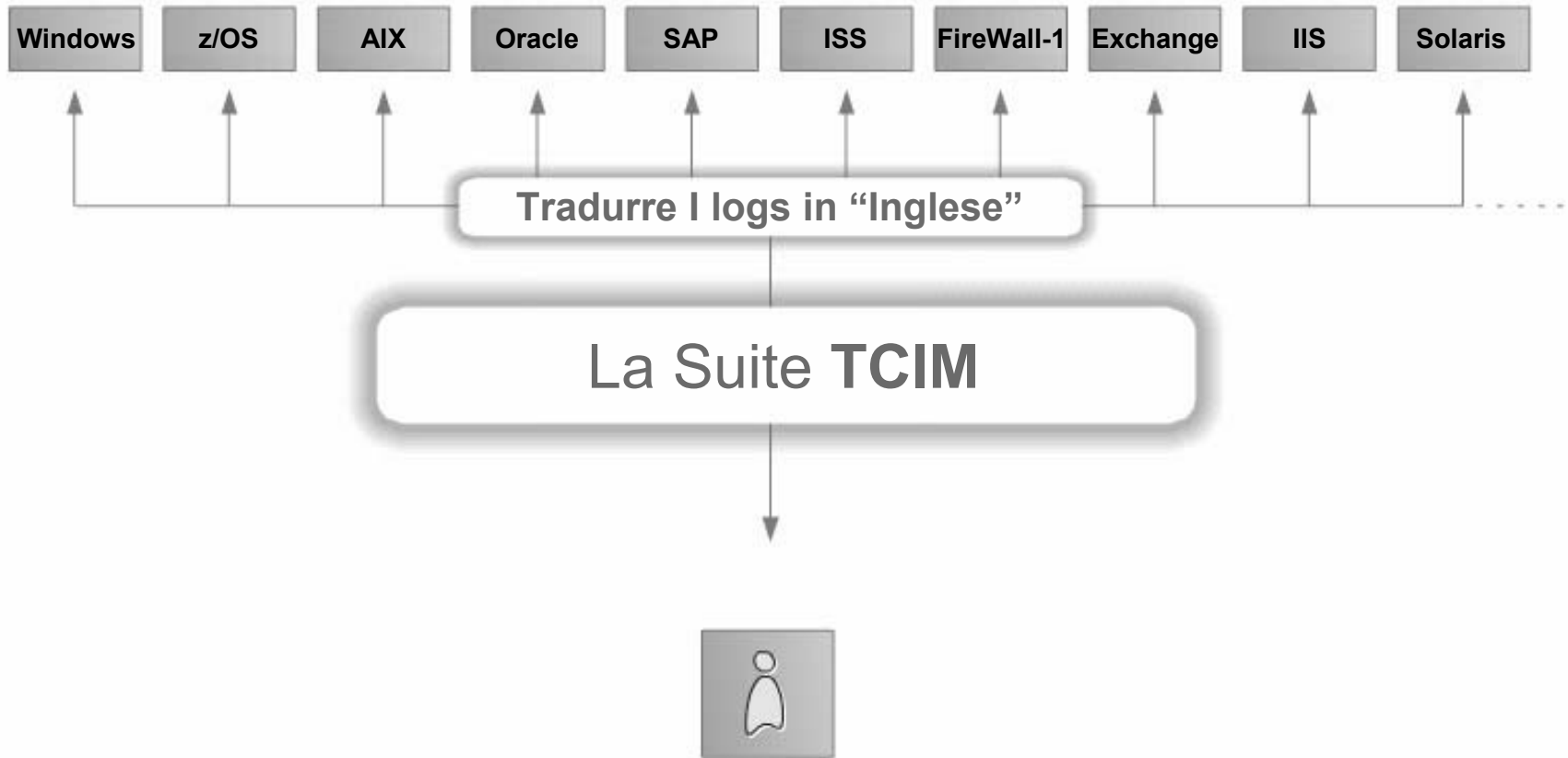
Dopo aver catturato i dati, Tradurli è il prossimo passo

Comprehend



Ora tutti i log della vostra azienda in un unico linguaggio

Comprehend



Consul InSight storicizza le vostre informazioni di security e compliance risparmiando tempo e soldi attraverso l'automatizzazione di processi di monitoring sull'azienda.

Tradurre i Log in Inglese – con la metodologia Consul W7

- **Who** l'ha fatto **What** tipo di azione **on What**?
- **When** l'ha fatto e **Where, From Where** e **Where To**?

Comprehend

We do the hard work, so you don't have to!!



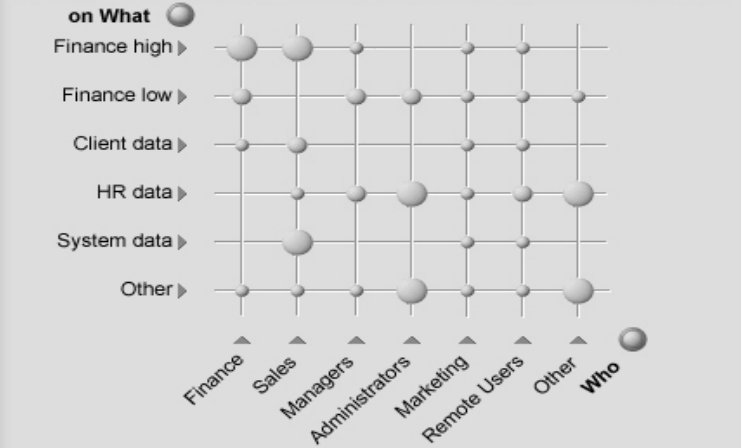
Compliance Dashboard
 I log dopo W7 – Bilioni di log files riassunti in un unico grafico!

- Dashboard
- Trends
- Reports
- Policies
- Groups
- Settings
- Regulations
- Log off

Compliance Dashboard

Enterprise Overview Settings

Events by top event count by "on What" and "Who" for Oct 1, 2005 till Nov. 28, 2005.



Trend graphic Settings

Percentage of Exceptions for Oct 1, 2005 till Nov 28, 2005



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Database Overview



Name: AggrDb
 Status: Loaded & Selected
 Loading Date: Nov 29, 2005
 Content: Aggregation of all collected material for the last 90 days.

Full Audit and Compliance Reporting

Communicate

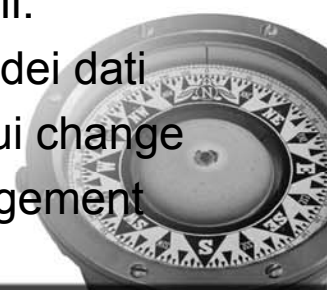


Capabilities:

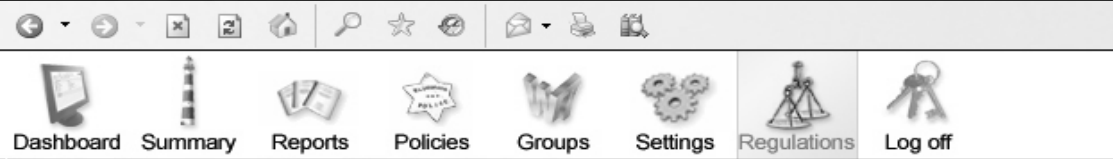
- Centinaia di reports
- Moduli di Compliance
- Alert di Special attention
- Reports Custom

Benefits:

- Riduce l'impegno richiesto per l'audit
- Reports istantanei, salva tempo
- Riduce i rischi di minacce a dati sensibili:
 - Protezione dei dati
 - Controllo sui change
 - User management



Moduli di compliance predisposti – con riduzione dei tempi del proprio staff e riduzione dei costi di audit



Dashboard > Regulations > Sarbanes Oxley Regulation Reports

Sarbanes Oxley Regulation Reports

Title	Description
Sarbanes Oxley (FFIEC 1.1.1.4) Security Policy report	No description given
Sarbanes Oxley (FFIEC 1.3.1.1) Classification report	No description supplied
Sarbanes Oxley (6.3, 8.1.3) Security alert	Alerts sent in response to policy exceptions or special attention exceptions.
Sarbanes Oxley (8.1.2) Operational change control	Changes to the operating environment such as system updates, DBA activity etc.
Sarbanes Oxley (8.1.6) External contractors	Exceptions and failures caused by External Contractors.
Sarbanes Oxley (8.3) Malicious attacks	Exceptions and failures due to Malicious attacks.
Sarbanes Oxley (8.4.2) Operator log	Actions performed by the IT Admin staff.
Sarbanes Oxley (8.5) Network management	Actions and events caused by users on Network Services.
Sarbanes Oxley (8.7.4.1) Mail server	Exceptions and failures for the Mail Server assets.
Sarbanes Oxley (8.7.6) Publicly available systems	Actions and exceptions on Publicly Published Data.
Sarbanes Oxley (9.2.4, 9.7) Review of user access rights	Actions performed by administrators on users.
Sarbanes Oxley (9.2.4.c, 9.7) System access and use	Successes and failures against key assets
Sarbanes Oxley (9.3) User responsibilities and password use	Logon failures and successes either locally or remotely.
Sarbanes Oxley (9.4) Network access control	Actions performed on and events and exceptions generated by Network or Router.
Sarbanes Oxley (9.4.4) Node authentication	Authentication of connections to remote computer systems
Sarbanes Oxley (9.4.5) Remote diagnostic port access	Detection of accesses to the diagnostic ports on servers.
Sarbanes Oxley (9.5.3) User identification and authentication	Logon/Logoff successes and failures.
Sarbanes Oxley (9.5.5) System utilities	Usage of system utilities
Sarbanes Oxley (9.6) Application access control	Actions, Exceptions and events on HR Data, Sensitive Data, User Sensitive Data, System, Financial Data, Proprietary Data and General Data.
Sarbanes Oxley (9.6.1) Information access restrictions	Who accessed sensitive or private data successfully or unsuccessfully.
Sarbanes Oxley (9.6.2) Sensitive system isolation	Exceptions and failures against sensitive systems data in asset groups User, HR Data, Source Code, and Financial Data
Sarbanes Oxley (9.7.2.3) Logging and reviewing events	Exceptions and failures recorded by the InSight system.
Sarbanes Oxley (9.8.1) Mobile worker	Exceptions and failures for mobile workers.

Help

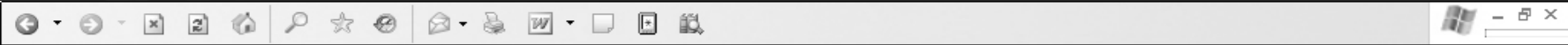
Please login into the Consul InSight Suite. This will give you access to all the products available with this specific username.

If you forgot your username and/or password please contact your administrator.

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Dashboard Summary Reports Policies Groups Settings Regulations Log off



Dashboard > Reports > User by Event type

User by Event type



Parameter Setup

What (event type)

- | | | | |
|---|--|---|--|
| <input checked="" type="checkbox"/> Add : Privilege / Success | <input type="checkbox"/> Load : Module / Success | <input type="checkbox"/> Read : File / Success | <input type="checkbox"/> Stop : Service / Success |
| <input type="checkbox"/> Authenticate : User / Failure | <input type="checkbox"/> Logoff : User / Success | <input type="checkbox"/> Receive : Message / Success | <input type="checkbox"/> Update : Parameter / Failure |
| <input checked="" type="checkbox"/> Clear : Auditlog / Success | <input type="checkbox"/> Logon : User / Failure | <input type="checkbox"/> Restart : System / Success | <input type="checkbox"/> Use : Service / Success |
| <input type="checkbox"/> Complete : Process / Success | <input type="checkbox"/> Logon : User / Success | <input checked="" type="checkbox"/> Start : Process / Success | <input type="checkbox"/> Use : Service / Success |
| <input checked="" type="checkbox"/> Grant : Privilege / Failure | <input type="checkbox"/> Read : Access / Success | <input type="checkbox"/> Start : Service / Success | <input checked="" type="checkbox"/> Write : Config / Success |
| <input checked="" type="checkbox"/> Grant : Privilege / Success | <input type="checkbox"/> Read : Config / Success | <input checked="" type="checkbox"/> Start : System / Success | <input type="checkbox"/> Write : Log / Success |

Submit Reset

Summary report

Who (Name)	Logonname	What (Event type)	#Events
Administrator	WINDOWS_NT01\Administrator	Add: Privilege / Success	294
Administrator	WINDOWS_NT01\Administrator	Clear: Auditlog / Success	1150
Administrator	WINDOWS_NT01\Administrator	Grant: Privilege / Success	334
Administrator	WINDOWS_NT01\Administrator	Start: System / Success	7
ROOT	LIN_SERV\ROOT	Add: Privilege / Success	5
ROOT	LIN_SERV\ROOT	Grant: Privilege / Success	7
ROOT	LIN_SERV\ROOT	Start: Process / Success	42
ROOT	LIN_SERV\ROOT	Start: System / Success	306
ROOT	LIN_SERV\ROOT	Write: Config / Success	42
System	NT AUTHORITY\SYSTEM	Start: Process / Success	494
System	NT AUTHORITY\SYSTEM	Start: System / Success	178
Michael Myers	WINDOWS_NT01\Managers\Michael076	Clear: Auditlog / Success	2
Michael Myers	WINDOWS_NT01\Managers\Michael076	Grant: Privilege / Failure	1
Eric Sanders	WINDOWS_NT01\Sales\Eric887	Start: Process / Success	18

1 2 3

Extra Information

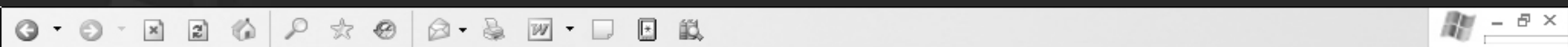
Help >

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Navigation menu with icons for Dashboard, Summary, Reports, Policies, Groups, Settings, Regulations, and Log off. The 'consul' logo is visible on the right.

Dashboard > Reports > Events by Type

Events by Type

Event type	#Events	#Pol.Excp.	#Spec.Att	#Fail.
Accept : IMAP4Connection / Success	1565	145	0	0
Accept : NNTPInterface / Success	5646	421	0	0
Accept : POP3Connection / Success	45641	4563	0	0
Accept : SMTPConnection / Success	51556	455	0	0
Add : Privilege / Success	65	0	50	0
Authenticate : User / Failure	61	61	0	61
Clear : Auditlog / Success	4	4	4	0
Close : IMAP4Connection / Success	12656	564	0	0
Close : POP3Connection / Failure	16	16	0	16
Close : POP3Connection / Success	4685	1855	0	0
Complete : Process / Success	156478	0	0	0
Configure : SSLConnectivity / Failure	87	87	87	87
Connection : Syslog / Success	16861	1857	0	0
Connection : Telnet / Success	1566	0	0	0
Deliver : Message / Failure	15	0	0	15
Deliver : Message / Success	5679	0	0	0
Execute : IMAP4Request / Success	1576	1576	0	0
Execute : POP3Request / Success	4147	4147	0	0
Execute : UnauthenticatedReque / Success	14575	14575	0	0
Grant : Privilege / Failure	16	0	0	16
Grant : Privilege / Success	114	0	0	0
Inbound : ICMP / Failure	20	20	0	20
Inbound : Syslog / Failure	175	175	0	175
Initialize : IMAP4Interface / Success	156	156	0	0

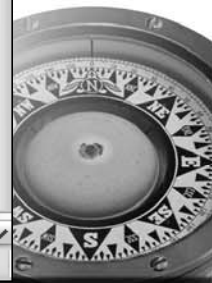
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Filtrare le informazioni

- Dashboard
- Summary
- Reports
- Policies
- Groups
- Settings
- Regulations
- Log off

Dashboard > Summary > All Events

All Events of Finance database

Time period setup

Month Day Year Hour Min.

Start time: October 1 2005 0 40

End time: November 28 2005 14 40

Execute Reset

Time zone: GMT-05:00 New_York, Nipigon, Pangnirtung

Summary report

Severity	When	#	What	Where	Who	from Where	on What	Where to
1	Fri Nov 25, 2005 15:34:18 GMT					Finance Server	PROCESS : ./ Notepad.exe	Finance Server
70	Fri Nov 25, 2005 15:34:18 GMT					Finance Server	AUDITLOG : ./ -	Finance Server
1	Fri Nov 25, 2005 15:34:21 GMT	1	Column Filter: / Success	Finance Server	ROOT	Finance Server	PROCESS : ./ Notepad.exe	Finance Server
1	Fri Nov 25, 2005 15:34:28 GMT	1	What (detail): *Aud*	Mainframe FIN	Administrator	Mainframe FIN	PROCESS : ./ Notepad.exe	Mainframe FIN
1	Fri Nov 25, 2005 15:35:02 GMT	1	Where (detail): / Success	HR Server	ROOT	HR Server	PROCESS : ./ Process2212024768	HR Server
30	Fri Nov 25, 2005 15:35:02 GMT	2	Who (detail): *Adm*	Finance Server	Administrator	Finance Server	FILE : DataSmartinvest / *	Finance Server
1	Fri Nov 25, 2005 15:35:24 GMT	1	Where From (detail): / Success	Mainframe FIN	Janice Peterson	Mainframe FIN	PROCESS : ./ Runemacs.exe	Mainframe FIN
1	Fri Nov 25, 2005 15:35:24 GMT	1	On What (detail): / Success	Mainframe FIN	Administrator	Mainframe FIN	PROCESS : ./ Emacs.exe	Mainframe FIN
1	Fri Nov 25, 2005 15:35:24 GMT	1	On What (detail): / Success	Mainframe FIN	Administrator	Mainframe FIN	PROCESS : ./ Runemacs.exe	Mainframe FIN
1	Fri Nov 25, 2005 15:37:34 GMT	1	Where To (detail): / Success	Web Server	ROOT	Web Server	PROCESS : ./ Eventvwr.exe	Web Server
2	Fri Nov 25, 2005 15:37:35 GMT	1	Grant : Privilege / Success	Web Server	Tim Doherty	Web Server	OBJECT : ./ / Handle0	Web Server
2	Fri Nov 25, 2005 15:37:41 GMT	1	Grant : Privilege / Success	Web Server	Administrator	Web Server	OBJECT : ./ / Handle0	Web Server
2	Fri Nov 25, 2005 15:37:48 GMT	1	Grant : Privilege / Success	Web Server	Marcus Jacobs	Web Server	OBJECT : ./ / Handle0	Web Server
2	Fri Nov 25, 2005 15:38:21 GMT	1	Grant : Privilege / Success	Web Server	Ross Hinkings	Web Server	OBJECT : ./ / Handle0	Web Server
2	Fri Nov 25, 2005 15:38:28 GMT -5	1	Grant : Privilege / Success	Finance Server	Marcy Hoover	Finance Server	OBJECT : ./ / Handle0	Finance Server
30	Fri Nov 25, 2005 15:38:28 GMT -5	1	Read : Access / Success	Finance Server	ROOT	Finance Server	FILE : DataSmartinvest / Default.cfg	Finance Server
30	Fri Nov 25, 2005 15:38:28 GMT -5	2	Read : File / Success	Finance Server	Administrator	Finance Server	FILE : DataSmartinvest / *	Finance Server
70	Fri Nov 25, 2005 15:38:28 GMT -5	7	Read : Access / Success	Finance Server	ROOT	Finance Server	FILE : DataSmartinvest inadmin / *	Finance Server

Filter settings

Column Filter: / Success

What (detail): *Aud*

Where (detail): / Success

Who (detail): *Adm*

Where From (detail): / Success

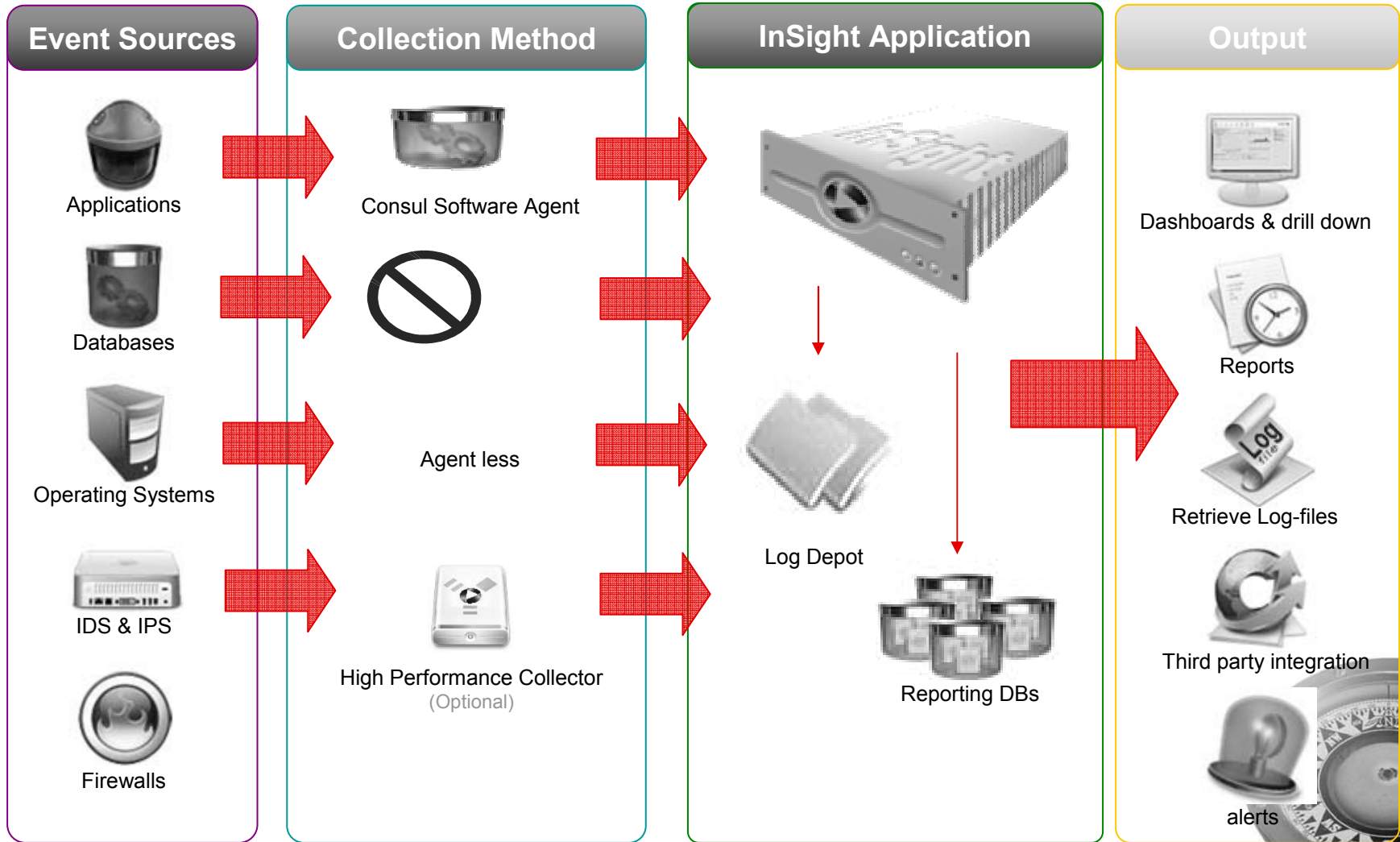
On What (detail): / Success

Where To (detail): / Success

Apply Clear Cancel

Use ? and * as wildcards and \ as escape character.

Architecture





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