RSA

The Security Division of EMC

RSA, The Security Division of EMC

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On September 18, 2006

- EMC completed the acquisition of RSA Security
- EMC announced the completed acquisition of Network Intelligence
- RSA Security became RSA, The Security Division of EMC

RSA SECURITY

+

Network Intelligence CORPORATION

+

EMC²

where information lives®

RSA

The Security Division of EMC

The Mission of RSA, the Security Division of EMC

- Continue investment in – and commitment to – current products, solutions and markets
- Drive the information-centric security strategy for EMC which will enable customers to cost-effectively secure critical information assets wherever they live and at every step of the way

RSA
The Security Division of EMC

RSA enVision

Enterprise Platform for Compliance, Security and Log Management

RSA enVision

Market-Proven Leadership

Vision	An enterprise platform for compliance & security operations
Market Presence	Over 700 major enterprise and government accounts
Technology	Patent-pending Internet Protocol Database™ (IPDB) *All the data for compliance and security success*

Technology Partners

Network	Security	Operating System	Application	Other
- Cisco - Juniper - Nortel - Foundry	- Symantec - ISS - McAfee - Check Point - RSA	- Microsoft - Linux / Unix - Sun / HP - IBM AS400/Main	- MS Exchange - Oracle - MS SQL	- Websense - Bluecoat - Apache - EMC / NetApp

Accolades

Gartner	InfoWorld	Forrester
"Leader, 3rd Year in a Row" "Only vendor with all the data"	***"Excellent"*** "2005 Appliance bake-off winner"	***"Leader"*** "Largest Market Presence"

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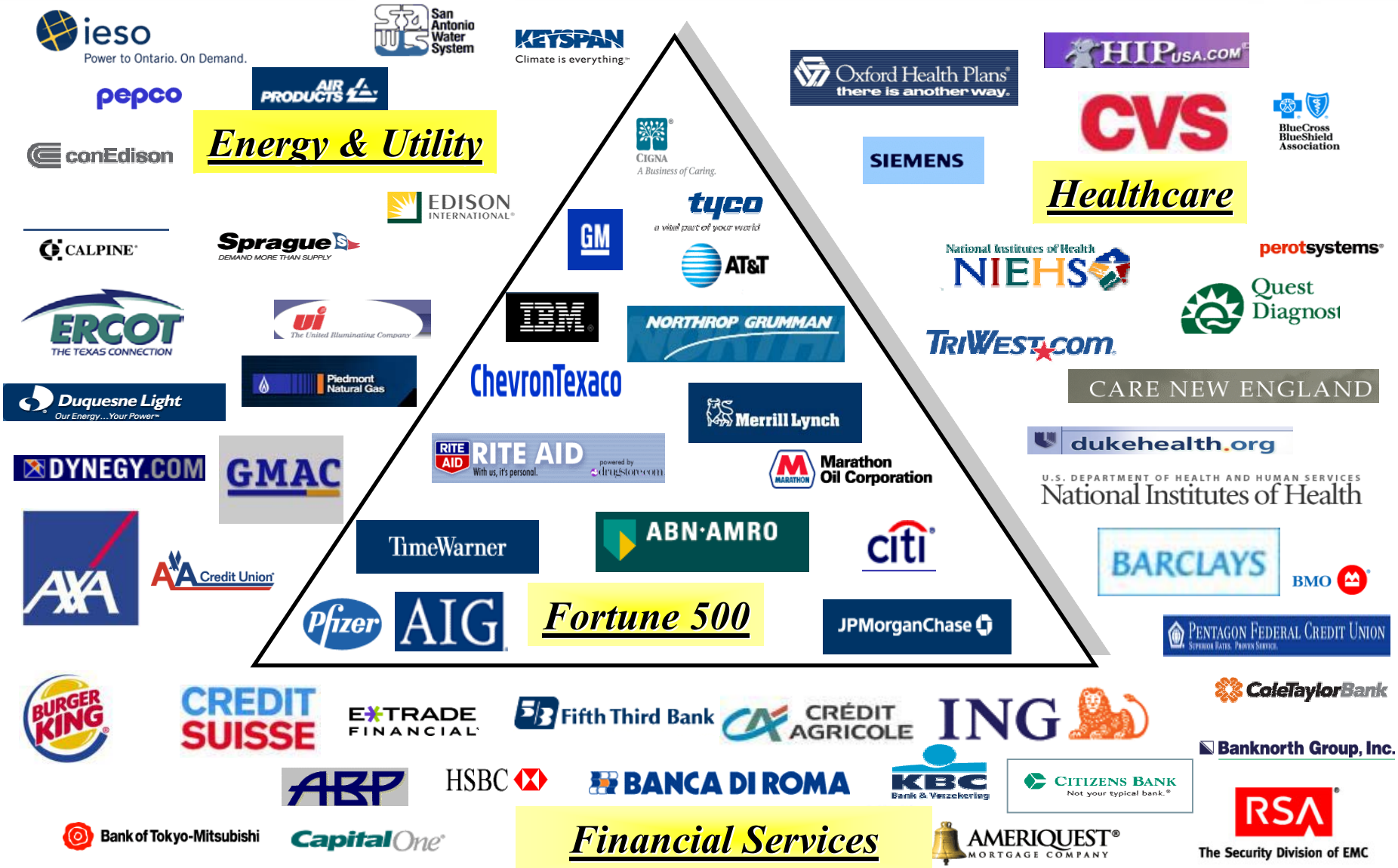
RSA enVision

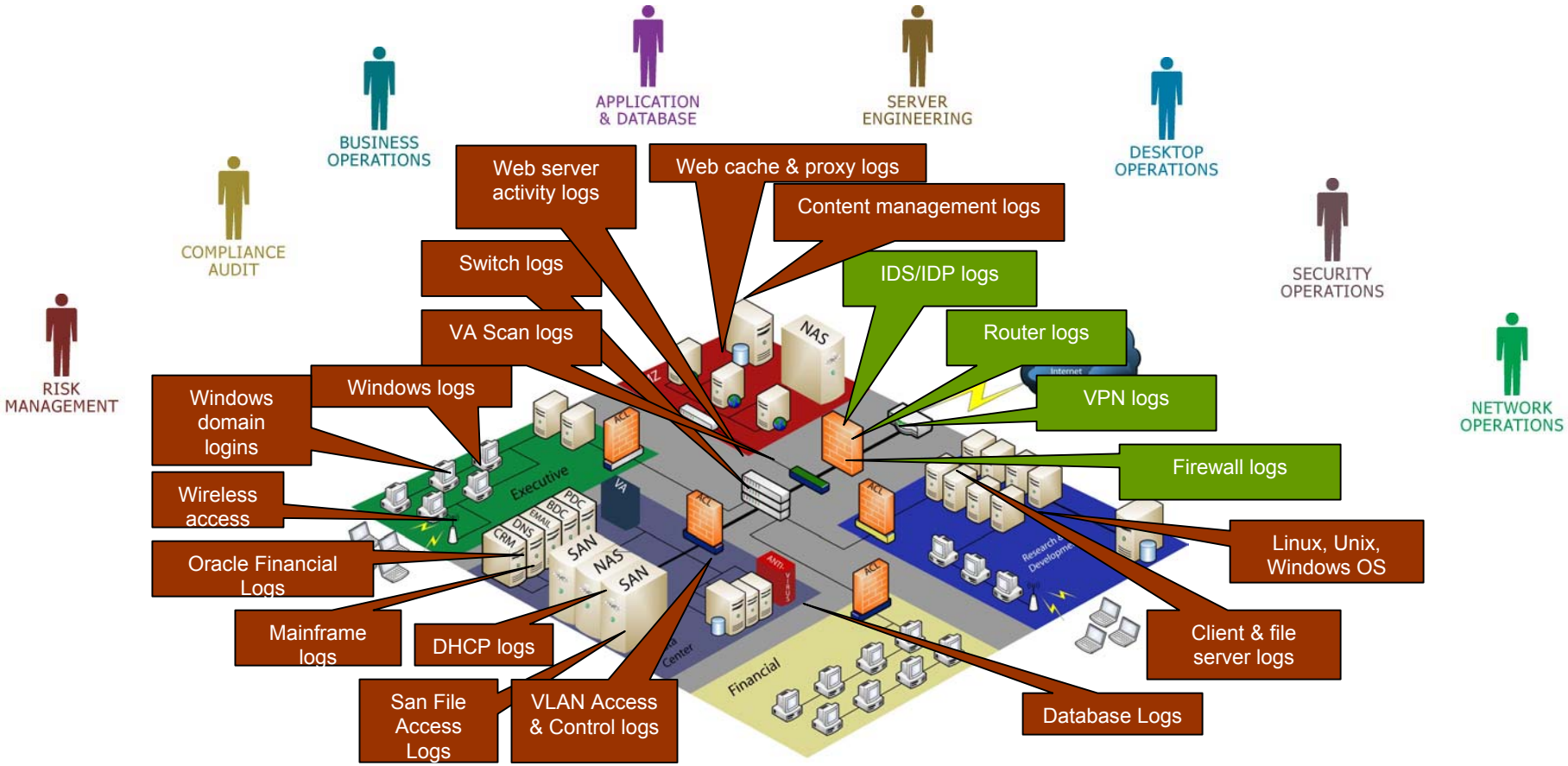
Market-Proven Leadership

- *700+ customers*
- *50% of Fortune 10*
- *40% of top Global Banks*
- *30% of top US Banks*



The Enterprise Today

Mountains of data, many stakeholders



How do you collect & protect all the data necessary to secure your network <u>and</u> comply with critical regulations?

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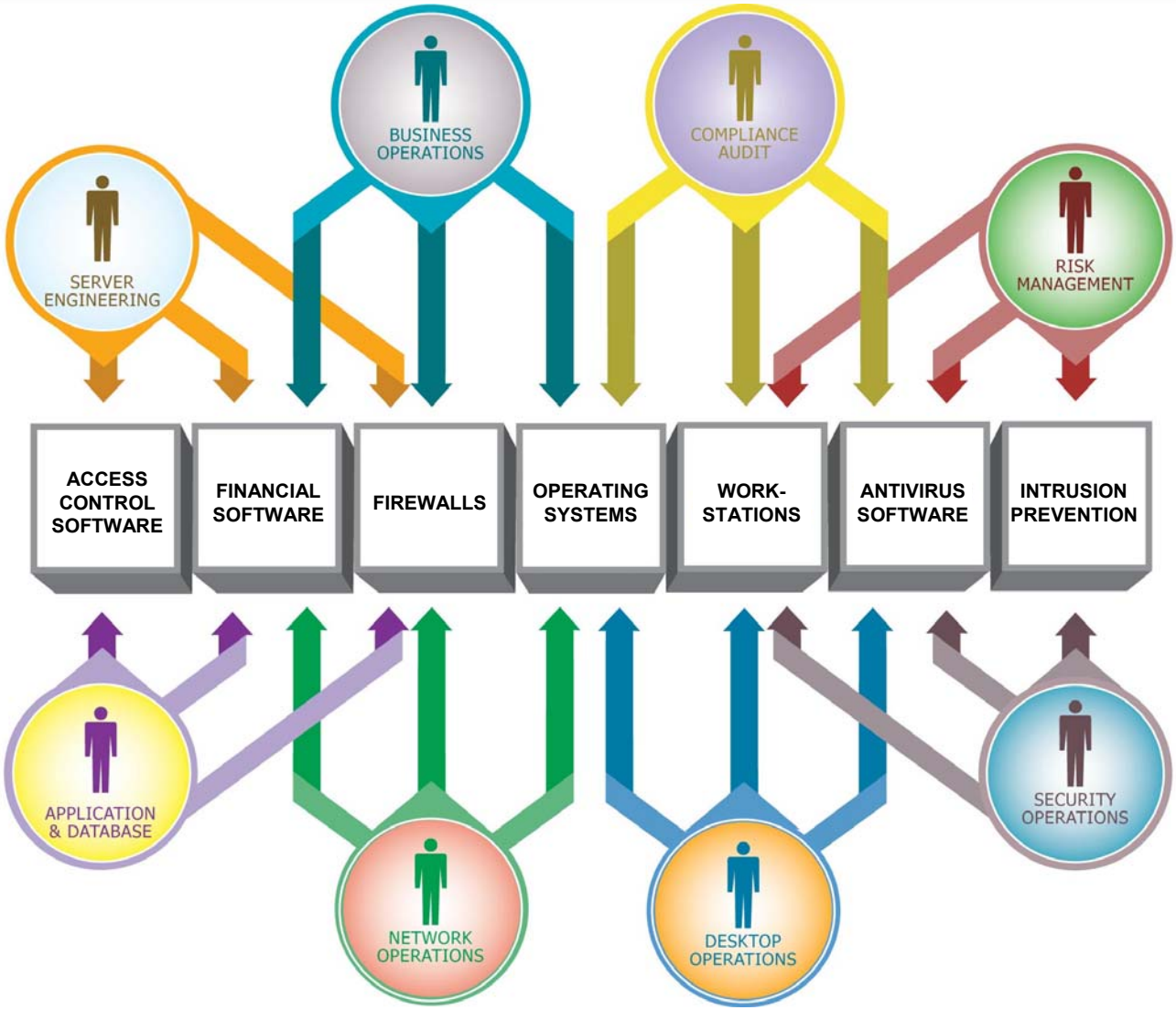
Growth of Enterprise Silos

Redundant Information Management



RSA®
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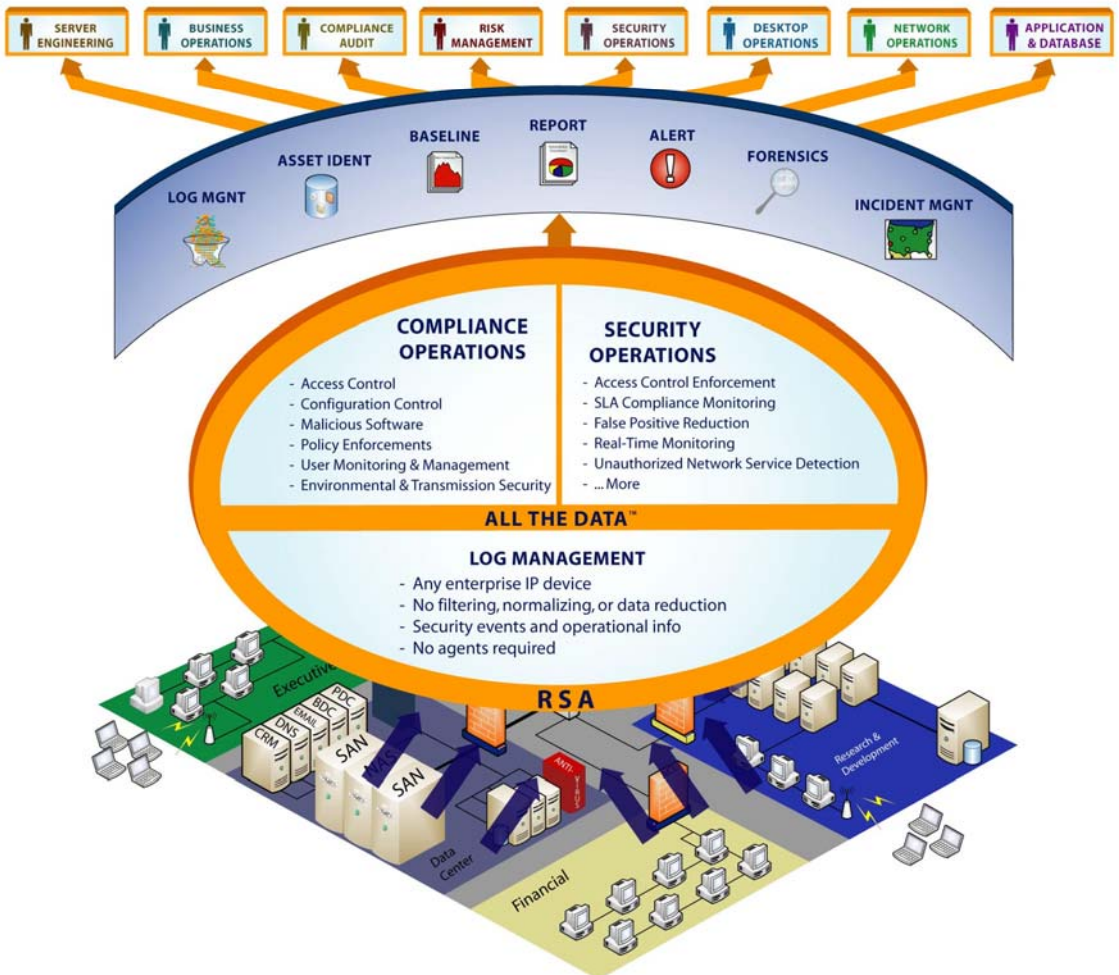
RSA enVision

Security Event and Information Management Solutions



A Platform for Compliance & Security Operations

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Potential Customer

- Organisations in highly regulated industries, such as finance or public sector, that face a compliance burden
- Companies with complex, highly distributed infrastructure and operations
- Organisations that need to retain information for security audit purposes

Issues

- Information is a core strategic asset for all organisations
  - The inability to secure it threatens business availability
- The best perimeter defences cant keep pace with external threats; they are useless against internal threats
- Jay Heiser, research VP at Gartner, said "professional outsiders and motivated insiders" will pose the greatest threat to companies during 2007 with both intent on stealing valuable data.
- Controlling the threat from within is a priority, especially for large organisations
- The compliance burden is increasing
  - Companies need to ‘prove’ compliance
  - There are significant volumes of audit information that need to be collected and kept
  - There are multiple departments or groups collecting event and audit information

Issues

- Every day, millions of events occur within enterprise networks and systems. Some of them will threaten security or compliance. The analysis task is enormous!
  - When someone accesses a file or logs into the network this event is logged and stored as a piece of data in a log file
  - The value comes in how it is leveraged for compliance, security, or business continuity
- As enterprise networks and data traffic grow, the volume and sensitivity of log files is exploding
  - Capturing the data is more and more challenging: there are mountains of data and many stakeholders
  - Complexity prevents security

The drivers

- Compliance to:
  - Italian Dlg 231/2001 art. 6
  - D.L.vo n. 196 - 27 Giugno 2003
  - SOX, ANNEX11 (EU), ISO27001
- There's a critical requirement for:
  - Access control enforcement
  - Security information and event management
- Which demands accurate information:
  - Real time
  - Historic and in detail
  - Presented in an easy-to-digest, swift-to-act upon format

Art. 5.
Responsabilita' dell'ente
italian Dlg 231/2001

- 1. L'ente e' responsabile per i reati commessi nel suo interesse o a suo vantaggio:
  a) da persone che

  rivestono funzioni di rappresentanza, di amministrazione o di direzione dell'ente o di una sua unita' organizzativa dotata di autonomia finanziaria e funzionale nonche' da persone che esercitano, anche di fatto, la gestione e il controllo dello stesso;

b) da persone sottoposte alla direzione o alla vigilanza di uno dei soggetti di cui alla lettera a).

- 2. L'ente non risponde se le persone indicate nel comma 1 hanno agito nell'interesse esclusivo proprio o di terzi.

Art. 6.
Soggetti in posizione apicale e modelli di organizzazione dell'ente

- …l'ente non risponde se prova che:
- a) l'organo dirigente ha adottato ed efficacemente attuato, prima della commissione del fatto, modelli di organizzazione e di gestione idonei a prevenire reati della specie di quello verificatosi;
- b) ***il compito di vigilare sul funzionamento e l'osservanza dei modelli di curare il loro aggiornamento e' stato affidato a un organismo dell'ente dotato di autonomi poteri di iniziativa e di controllo;***
- c) le persone hanno commesso il reato eludendo fraudolentemente i modelli di organizzazione e di gestione;
- d) ***non vi e' stata omessa o insufficiente vigilanza da parte dell'organismo di cui alla lettera b)…***

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D.L.vo n. 196 - 27 Giugno 2003

- **Art. 31. Obblighi di sicurezza**

- 1. I dati personali oggetto di trattamento *sono custoditi e controllati, anche in relazione alle conoscenze acquisite in base al progresso tecnico, alla natura dei dati e alle specifiche caratteristiche*

- del trattamento, in modo da ridurre al minimo, mediante l'adozione di idonee e preventive misure di sicurezza, i rischi di distruzione o perdita, anche accidentale, dei dati stessi, di accesso non autorizzato o di trattamento non consentito o non conforme alle finalità della raccolta.

Enterprise Data Protection

Secure Data Access & Data Protection

Two sides of the same coin

Secure Data Access

- Growing number of authorized users need access to business and personal information
- Organizations need to establish trust/confidence in the digital identities
- Specific access privileges need to be given based on the identity of the person or resource trying to access the data

Data Protection

- Increasing sophistication of attacks and rate of fraud
- Organizations need to protect data at rest and in transit
- Encryption policy must be developed and implemented on a consistent basis
- Trusted digital identities are critical to keeping out unauthorized users

Need for Enterprise Data Protection

Growing Data Privacy Legislations

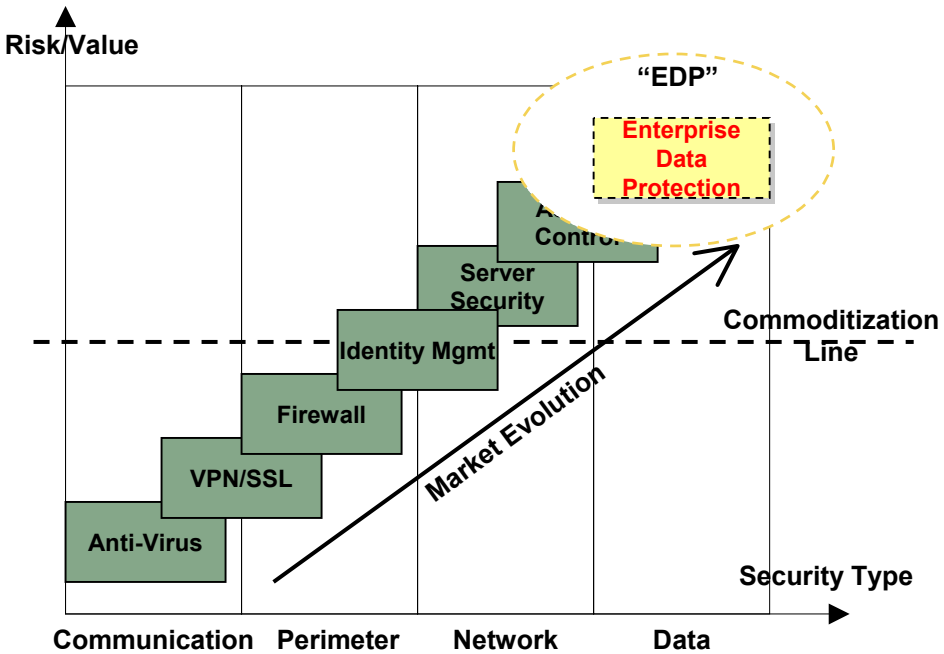
- US: growing State & Federal-level data breach legislations gaining speed (i.e. CA & 30+ states)
- Europe: Data Privacy Directive
- APAC: Japan PIPA Act on Data Privacy

Tougher Industry Vertical Regulations

- PCI on consumer credit card data
- GLB on sensitive financial data
- HIPAA on patients records

Significant Bottom-line Impact

- Cost to Choicepoint $11MM
- Cost to Card Systems: out of business
- Cost to Customer Loyalty: 20% switch rate



"EDP" = A new market focus emerging in the enterprise market to better protect consumer data privacy, driven by regulatory pressure

- Source: Morgan Stanley, 2005

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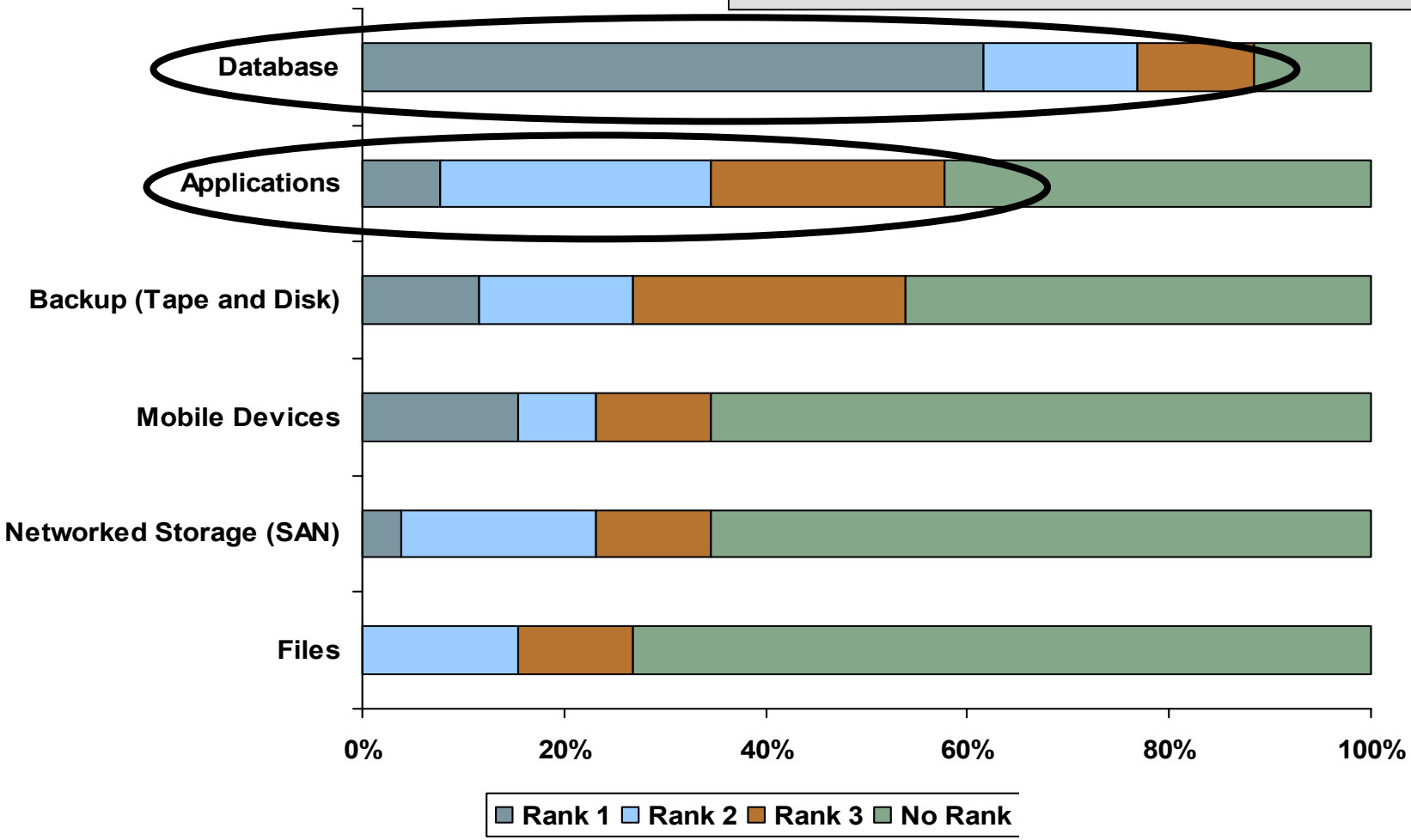
Issues Associated with Enterprise Data Protection

- Companies are being driven by regulations and data privacy concerns to encrypt their corporate and customer data
- No link between a company's security policy and application development – no enforcement
- Application developers often lack the necessary security expertise which hampers enterprise-wide adoption
- Core security engineers in short supply
- Apps being launched with no/insufficient security – vulnerability!
- Key management critical, but difficult to implement
- Improper key management can compromise security and prevent an enterprise data encryption initiative to scale

Priorities for Enterprise Data Protection

Interviewees were asked to rank in order of importance the top three critical IT areas for Data Protection.



TheInfoPro Security Study Wave 5 (9/30/05): F1000 Sample. n=26

Press release

As of March 31, 2007, more than 26,000 organizations worldwide have selected the company's award-winning line of solutions, designed to help secure and leverage critical information wherever it resides in the enterprise.

With technologies engineered and services provided by RSA, customers can effectively assess risk, secure people and data, and assure policy compliance -- core pillars of a comprehensive, information-centric security strategy.

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Thank you!