



RSM Bentley Jennison

# Data Leak Prevention



**TREND**  
MICRO

**Steven Snaith**

*RSM Bentley Jennison*

**Stephen Johnston**

*Trend Micro*

**PCWorld**

 **HM Revenue  
& Customs**

 SearchOracle.com



 **Nationwide**

**PA** Consulting  
Group





SKIPTON FINANCIAL SERVICES

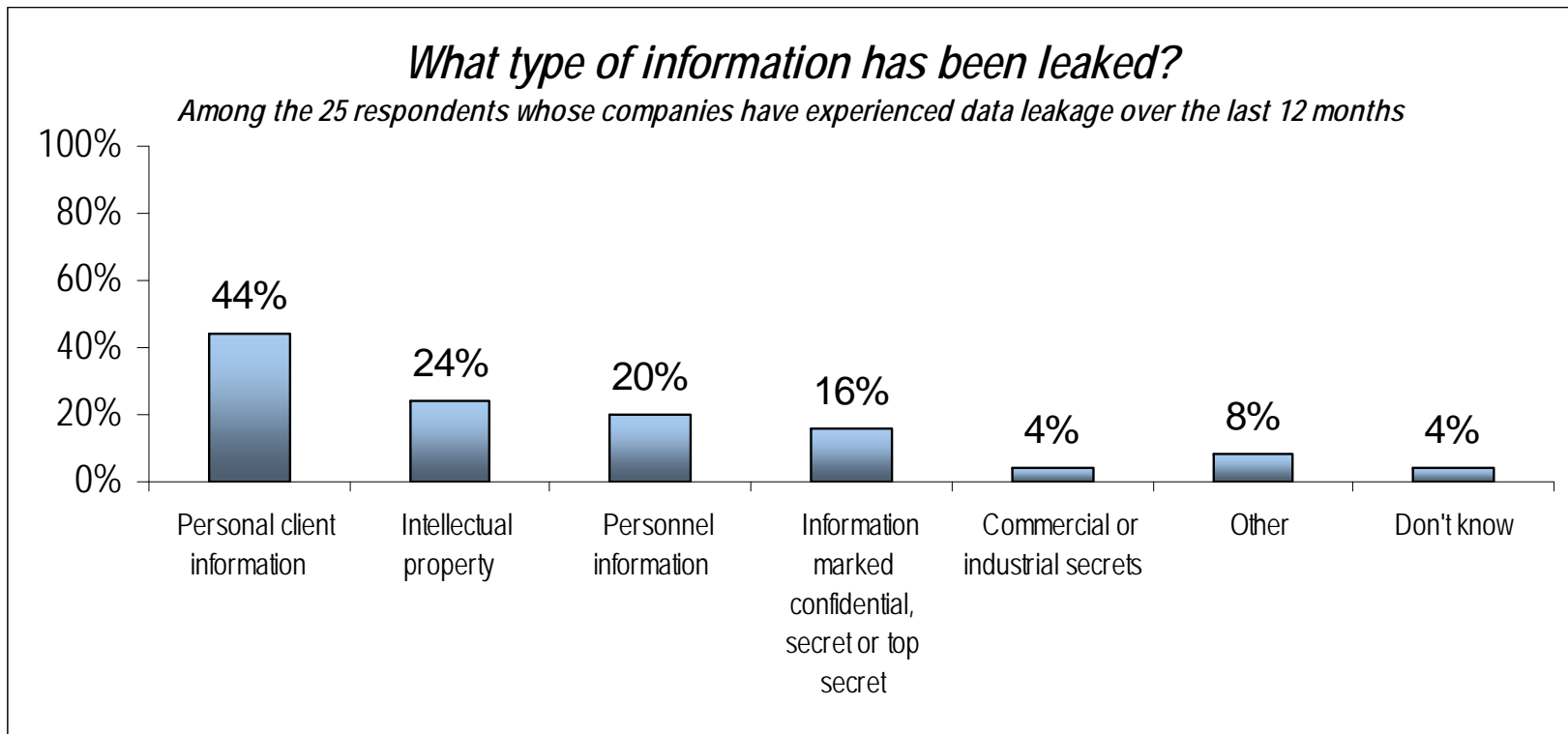
 defence

 **EDS**  
an HP company



Always giving you extra

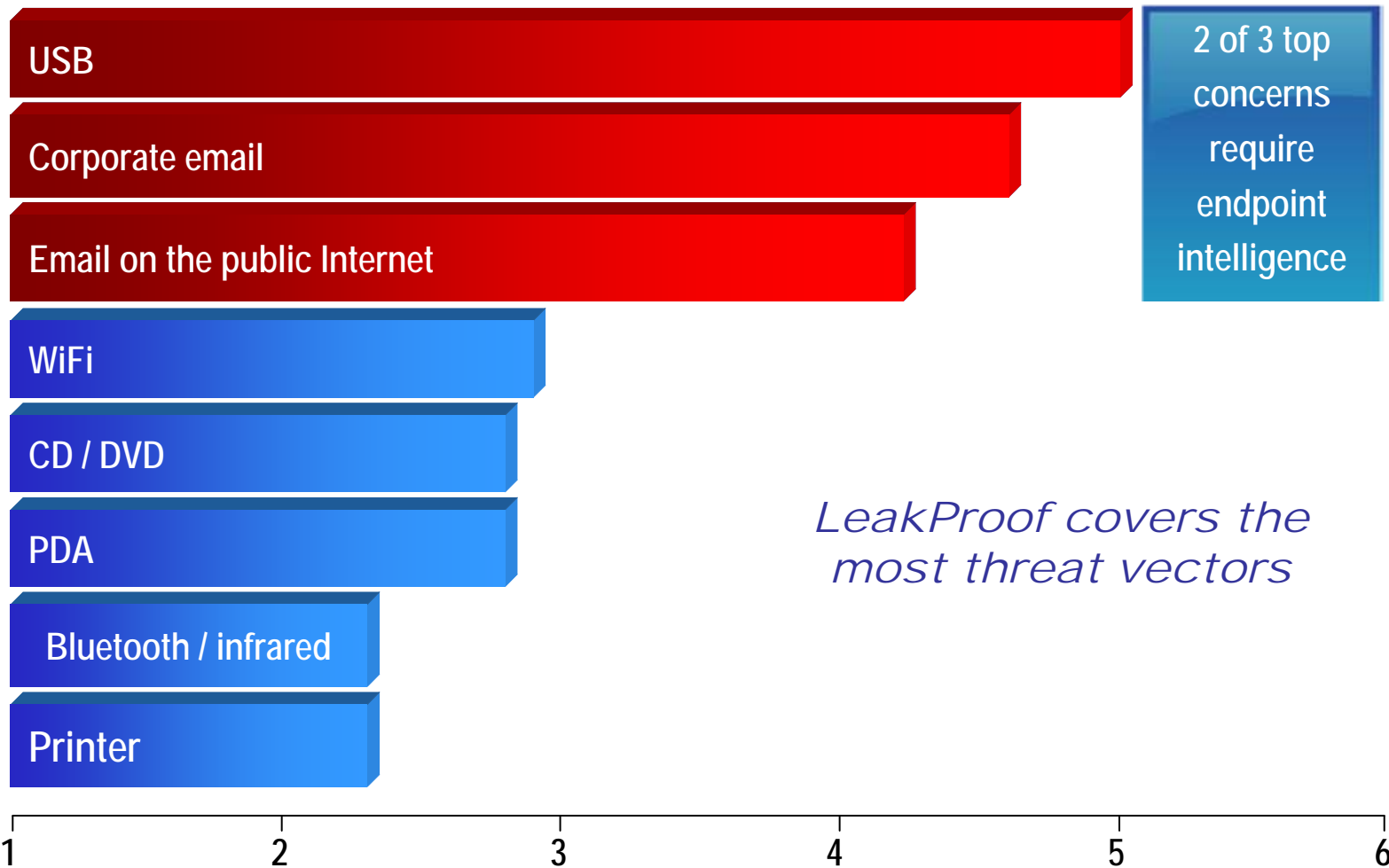
YOUR **M&S**



Source: IDC MidMarket (100-5000 employees) Data Leak Survey, Feb. 2008

# And some more

- Top leakage concerns of customers



# Example: NHS – Most common causes



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- Poor data disposal methods
- Use of removable storage
- Poor physical security over access to sensitive / controlled data areas
- Poor control over systems users
- Data Faxed or e-mailed in error – cannot rely on return request certificates.

- Reputation
- Financial
- Legislative !!:-
  - *The Human Rights Act 1998*
  - *The Data Protection Act 1998 (DPA)*
  - *The Data Protection (Processing of Sensitive Personal Data) Order 2000*
  - *The Common Law Duty of Confidentiality*
  - *The Computer Misuse Act 1990*
  - *Access to Health Records Act 1990*
  - *Access to Medical Reports Act 1988*
  - *The Crime and Disorder Act 1998*
  - *The Freedom of Information Act 2000 (FOI)*
  - *The Regulation of Investigatory Powers Act 2000*
  - *The Environmental Information Regulations 2004*
  - *The Re-use of Public Sector Information Regulations 2005*
  - *The National Health Service Act 2006*
  - *The Civil Contingencies Act 2004*

## A Practical Example:

- Data mapping
- Asset classification
- Logical access
- Legislative compliance
- Asset disposal
- Control of portable media
- Policies and procedures
- Education
- Encryption
- End Point monitoring and prevention

*Are your policies and procedures and supporting controls robust?  
**How do you enable your policy?***

# How do I enable my policy?



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Address  
the “Who, What,  
Where and  
When”

Where and  
when is my data  
at risk?

At Rest,  
In Use,  
In Motion

Who has  
access to my  
data, what do they  
do with it?

What data  
do I have and  
where is it?

# LeakProof™ Secures From the Endpoint



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## Client software

- Intelligent
  - Fingerprint, Regex, Keyword, Meta-data
- Interactive
- Invisible
- Independent
- Robust

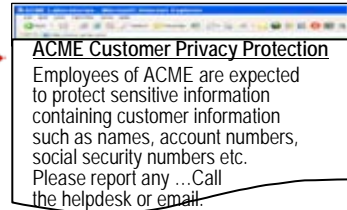
Anti-leak client



Protect



Educate



Justify



Discover



DataDNA server



## Enterprise Management

- Policy
- Visibility
- Workflow

- Data leakage will always occur
- Its about what steps that can reasonably be taken
- A collective solution is the most powerful
- User education!

# Questions

