



IARO – Venice 2011

Information Security

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Eporedia**

A Quick Intro - Who are Eporedia?



- **Over 60 years industry experience**
- **Association of Security Professionals**
- **Experts in their field**
- **Diverse business sectors**
 - **Transportation**
 - **Engineering**
 - **Retail**
 - **Banking**
 - **Government**
- **Highly qualified / skilled consultants**
- **ISO27001 auditors and PCI DSS QSA**
- **Proven track record**

Agenda for today



- Information Security – Who Cares?
- General threats to Information, Systems & Processes
- Interesting Facts and Figures
- Areas of risk in your organisations subject to threats
- What can be done to minimise and manage risks

Information Security – Who Cares?



- ❖ Continued evolution of eCommerce and new sales channels
- ❖ Increased sharing of information between enterprises
- ❖ Why should we care about information security?

Recession and the Threat Landscape



- ❖ Gloom for some is boom for others
- ❖ Hacking for Dummies
- ❖ Rise of the Hactivist
- ❖ Job satisfaction



Interesting Facts & Figures (I)



Majority of security incidents still involve internal employees...

- USB memory sticks in car parks
- Chocolate Bars for passwords

Recent US survey reported 90% companies had been hacked at least once.... 41% claimed to have spent up to \$500k on clear-up activities!

Most commonly used passwords are.....
“123456” and “Password”

Interesting Facts & Figures (II)



A credit card number can be purchased for \$1, and a complete identity for \$14 – these are stolen from somewhere !

Over 10 million compromised servers and PCs – are yours part of these?

59% of users surveyed admitted to using their own personal mobile devices for work, with the majority admitting to having connected these to corporate networks.

Pertinent Questions



Q. How many of you have had a breach?

Q. How many know that for sure?

Q. How many can afford headlines like these?

MailOnline



Home **News** U.S. Sport TV&Showbiz Femail Health Science Money RightMind
News Home | Arts | Headlines | Pictures | Most read | News Board



Fired IT manager hacked into company's computer and swapped boss' digital presentation with porn

By DAILY MAIL REPORTER
Last updated at 7:21 PM on 22nd June 2011



NEWS MPs expose injunction threats

WORLD Allies may use Syria sanctions

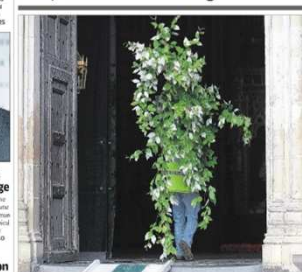
Panic Stations

Sony reveals hackers stole details of 77million PlayStation Network users... credit card numbers may have been among the information taken



SHOWBIZ Hugh's £2-a-day challenge

BUSINESS Ford profits pass £1.5bn



Love blossoms at the abbey
A small tree is carried into Westminster Abbey yesterday as part of the final preparations for Friday's royal wedding. It will be part of an avenue of trees lining the aisle leading to the altar. One 20ft maple, weighing half a tonne, had to be hoisted into the abbey by five workmen from a company to investigate the breach.



Echelon 0 United 2

Click Page

to Aidan Radden
MILLIONS of Sony PlayStation games could have had their credit card details stolen by hackers, the company has just admitted.
A week after its PlayStation Network servers were taken offline, Sony said it had asked users to "bring and reinstall" software.
"The breach's" Traction team were told they've found details on a stack of hard and wanted to keep a close eye on their bank accounts.
Nick Clegg, Sony Europe's head of communications, called the data names, addresses, email addresses, birth dates and PlayStation game titles.
"We're not sure," he added. "While there is no evidence credit card data was taken at the time, we cannot rule out the possibility. If you have provided your credit card data, we're on the safe side we are advising you to use credit card numbers including security code - and expiration date may not have been affected."
"We greatly appreciate your patience, understanding and patience in my situation. I have been notified that these names are quickly and efficiently processed."
"Sony is saying users to be 'especially aware' of email, phone and postal correspondence personal information."
"The company took down the PlayStation Network, which left people, buy and play games, and most services and music, last Wednesday."
"Sony has not confirmed when the network will be coming again but some analysts suggested it could be today, as company's company is to investigate the breach."



Maximising the benefits of a secure business

- ❖ The Joint Security Team – bringing suppliers and the business together to deliver secure solutions
- ❖ Clear understanding of information assets
- ❖ Enterprise Security
- ❖ Proactive Risk monitoring and Risk management
- ❖ Rapid Incident Response
- ❖ Increasing customer and partner confidence (ISO 27001)
- ❖ Managing regulatory compliance (PCI DSS)

How we can assist you



Eporedia can assist you in reducing your risk exposure with:

- Information Security Specialists – consultancy + management
- Experts in PCI DSS and ISO 27001
- System security evaluation and remediation
- Applications code review
- System Penetration Testing
- Information Security Risk Management
- Secure system design and architecture
- Confidential data & equipment secure disposal