TOKIO MARINE KILN

Cyber Insurance

Laila Khudairi
Underwriter

TOKIO MARINE
KILN

The Source…

TOKIO MARINE KILN

Hacktivism…

State sponsored…

Criminal gangs…

For fun…

Rogue employees…

Human error…

The Attacks…

TOKIO MARINE KILN

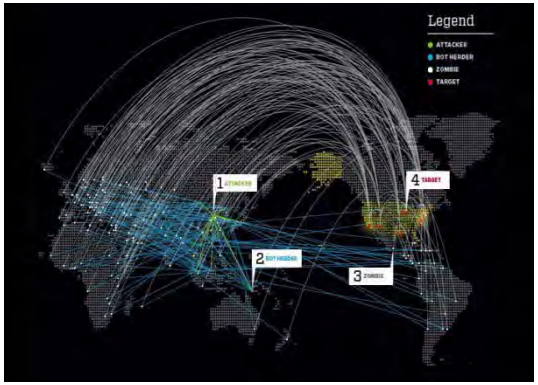
Malware…

Code exploits…

Ransomware…

Phishing…

Denial of Service…



Unauthorised Access…

The Cover...

Notification Costs

Computer Forensics

Reputational Harm

Extra Expense

Loss of Income

Data Restoration

The Real Life Cost…

"cyber crime in Italy costs €2.45 billion in 2012 and 62% of Italians have experienced cybercrime at least once in their lives"

- The Norton Cyber Crime 2012 report

Matteo Renzi

- Matteo Renzi's website hacked for 24 hours in a DDoS attack
- Usernames, emails, passwords and telephone numbers of 430,000 of Renzi's political organisation's members, including donors and supporters.

The Real Life Cost for Italy…

€105 Average cost per compromised record

€ 1.98m Average Organisational cost of a data breach

18,983 – Average number of breached records

Average data breach size has increased by 2.5% in 2015

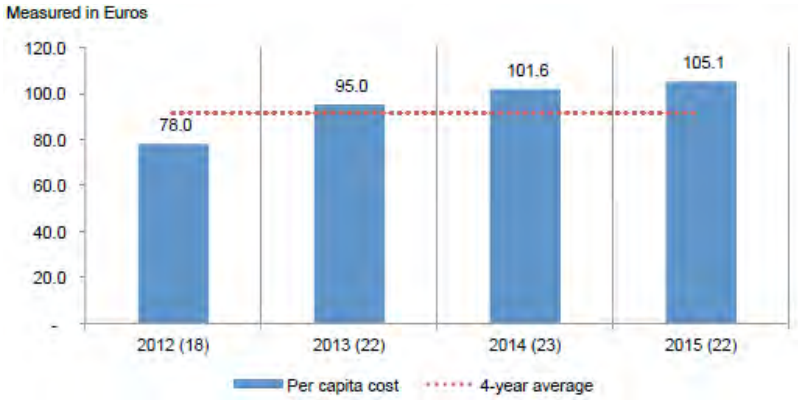
- 41% of data breaches were caused by malicious or criminal attack of data
- 27% involve human error

Companies that experienced a data breach involving malicious or criminal attacks had a per capita breach cost of €125

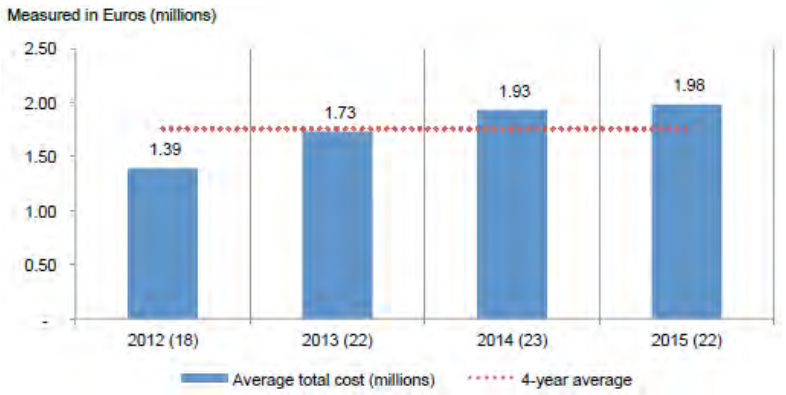
22 Italian Companies from 12 different industry sectors
Ponemon Institute Germany Research Report, May 2015

Cost of a Data Breach on the rise

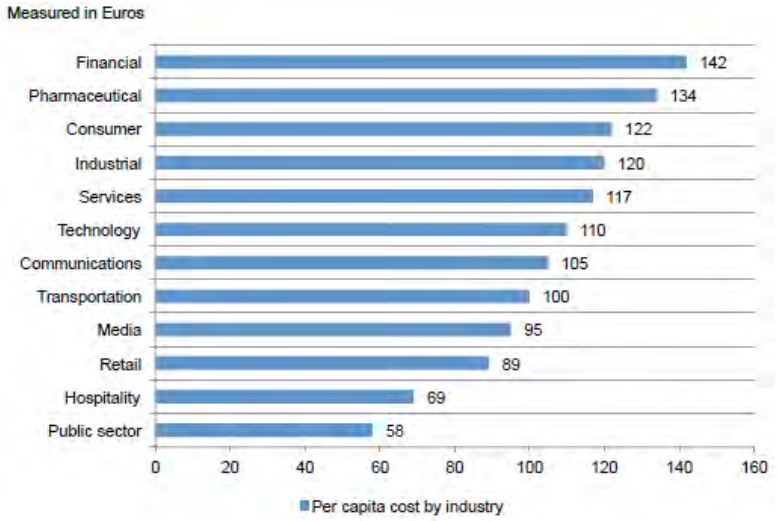
Average per capita cost of data breach over 4 years



Average total organisational cost of data breach over 4 years



Per capita cost by industry classification



22 Italian Companies from 12 different industry sectors
Ponemon Institute Germany Research Report, May 2015

TalkTalk

- 101,000 customer details lost
- 2.5% of the companies 4 million customers
- No financial loss incurred by customers
- Total bill for the attack £60m

TOKIO MARINE KILN

Carphone Warehouse

- Hackers used a DDoS attack
- 2.4 million personal information hacked, including 90,000 credit cards details

]HackedTeam[

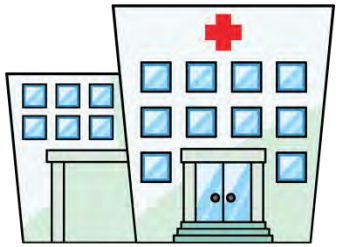
]HT[

- Italian company specialising in covert surveillance and espionage software, on behalf of law enforcement and national security organisations
- Over 400 gigabytes of data, including alleged internal e-mails, invoices, and source code, were leaked via BitTorrent and Mega

Key ‘cyber’ industries

TOKIO MARINE KILN

Healthcare



Retail

Hospitality

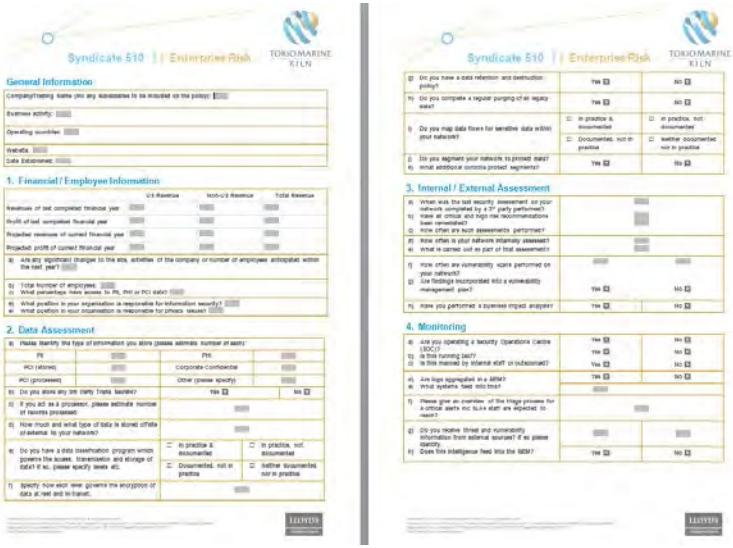
Manufacturing

Financial Institutions

Energy

Route to Market

- Broker and Coverholder network
  - Risks can be bound through a Lloyd's broker or one of our Coverholders
- Proposal Form – completed by IT and Risk Manager
  - VRI's can be given off a small number of key details:
    - Revenue, Records and Industry
- Quote
  - Able to offer up-to EUR 25m


Syndicate 510 | | Enterprise Risk

General Information

1. Financial / Employee Information

2. Data Assessment

Syndicate 510 | | Enterprise Risk

3. Internal / External Assessment

4. Monitoring

What's on the horizon…

TOKIO MARINE
KILN

Questions?