WHAT

10 RULES OF RISK MANAGEMENT
IN 10 MOVIE QUOTES

WHEN **26TH SEPTEMBER 2012**

WHERE **RANT FORUM, LONDON**

What are we talking about?

- Ten risk management “rules”
- Ten famous movie quotes, and four bonus questions
- There are prizes!
- One prize per person, per question
- Only one prize per person, offer valid only on the night of RANT, 24th September 2012, family and friends of TandTSEC are not eligible to enter, no purchase necessary, no cash alternative, the judges decisions are final, no correspondence will be entered into, by participating in tonights RANT you agree to applaud and cheer heartily at the end and speak well of Mr Langford and his affiliates for at least three generations; local laws may prohibit participation and winners will be responsible for their own personal tax liability to the full cash value of the prize and upon acceptance of said prize will abide by these rules and any conditions.

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#1

“You’re gonna need a bigger boat”

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POLICE CHIEF MARTIN BRODY

JAWS

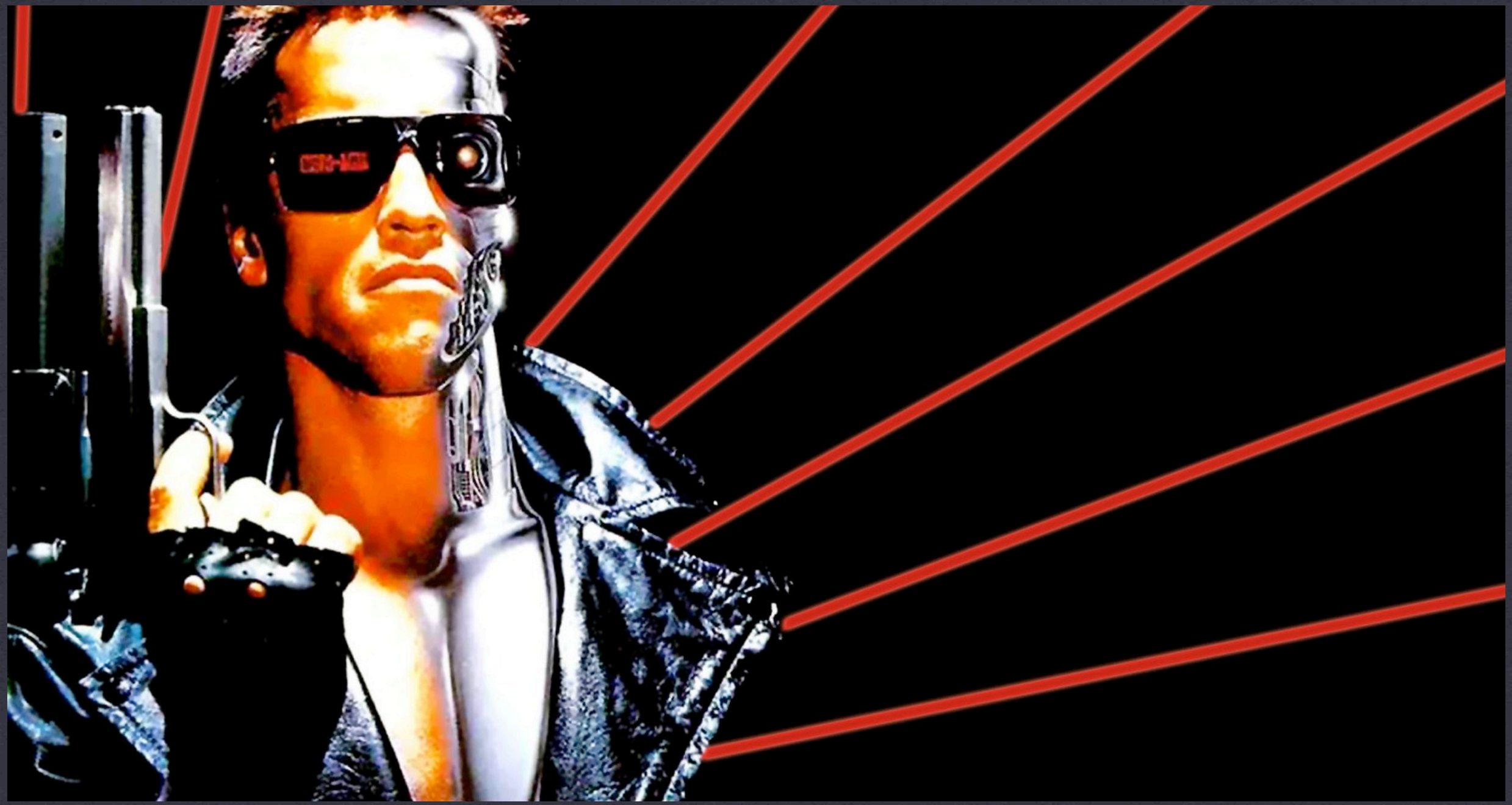
So what?

Don’t underestimate your risks

- Even if you are small, you are still a target [1]
- Ensure you measure you risks effectively and accurately
- Don’t think “unlikely” events will not happen
- Be realistic and avoid “wild dog syndrome”
- Plan for failure, these risks are real and not just reference points

#2

“I’ll be back”



THE TERMINATOR

THE TERMINATOR

So what?

Risks don’t go away

- Even if you have mitigated, avoided, transferred or accepted
- Risks are always present, just less likely or somewhere else
- Review them regularly, at least annually
- What has changed? Likelihood, Ease of Exploitation?
- Even company’s risk appetite can change

#3

"Badges? We ain't got no badges. We don't need no badges! I don't have to show you any stinkin' badges!"

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“GOLD HAT”

THE TREASURE OF THE SIERRA MADRE

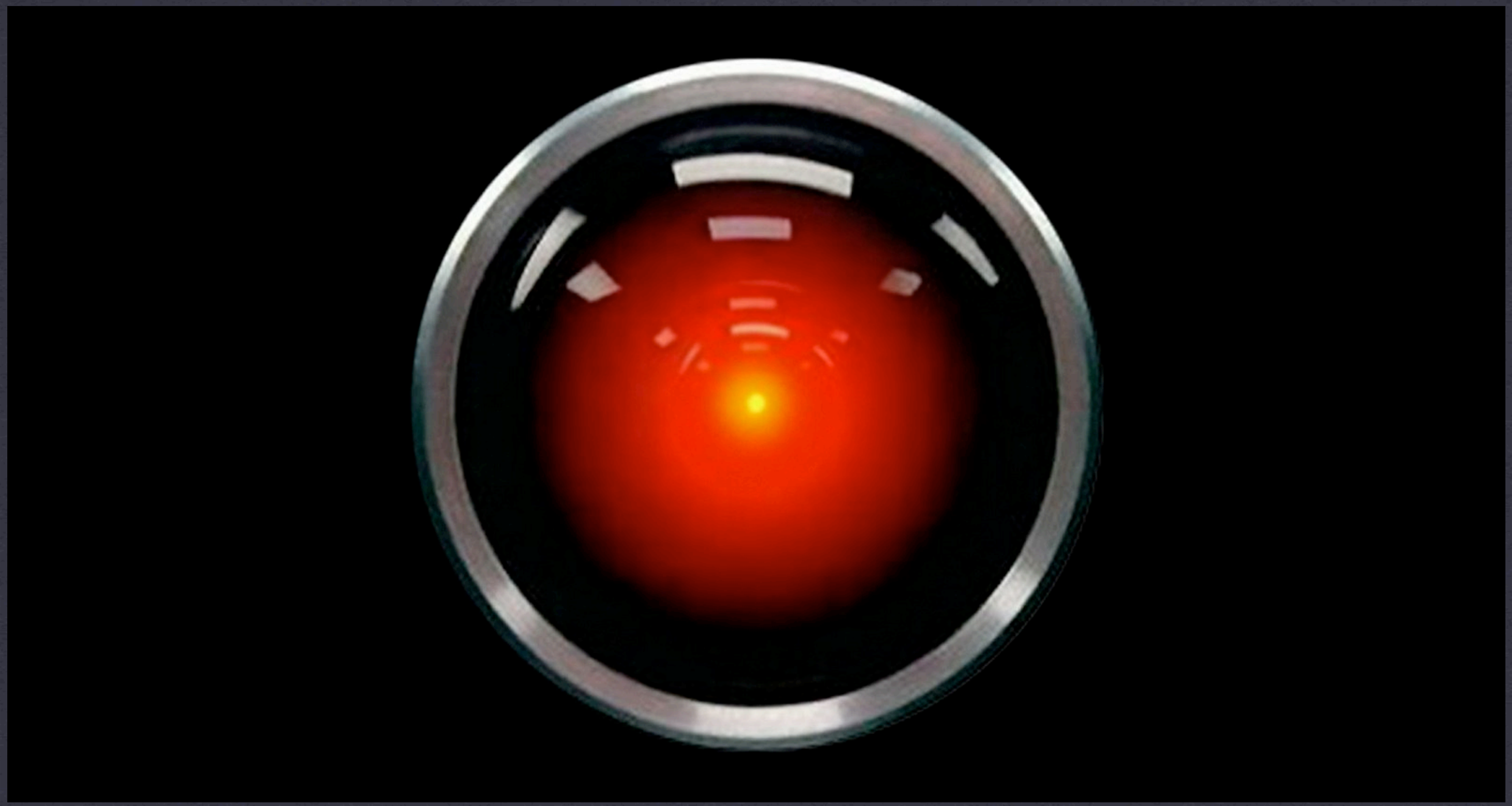
So what?

The CRISC doesn't make you ready

- Or any other qualification
- You need experienced as well as eager people
- They help in the first rounds of an interview only
- Qualifications demonstrate existing foundation knowledge only
- They are too often presented as evidence of experience

#4

“Open the pod bay doors HAL”



DR. DAVE BOWMAN

2001: A SPACE ODYSSEY

So what?

You can’t just rely on technology

- Technology, has, does and will fail
- But so will humans!
- Complement your technological controls with soft controls
- All of your staff and people are security advocates
- Technology helps with automation and the mundane

#5

“I see dead people”

COLE SEAR

THE SIXTH SENSE

So what?

Be careful of professional burnout

- “Burnout” in infosec professionals is increasingly recognised [2]
- One study found 70 to 80 hours per week is *normal*
- Job creep is common, with responsibilities split
- Perpetual work (more risks, viruses, incidents), no end in sight
- The economy has made this worse

#6

“My precious”

GOLLUM

LORD OF THE RINGS: THE TWO TOWERS

So what?

Look after your (precious) data

- Do you know what systems your data resides in?
- Do you know what country it resides in?
- Do your people know where it should reside?
- Do you know how long you have had it for?
- Do you know what regulatory and legal requirements you have?

#7

“Houston, we have a problem”

JIM LOVELL (JACK SWIGERT)

APOLLO 13

So what?

Risk Management? Incident Management?

- Both identify / detect
- Both classify /assess
- Both apply resources / recover
- Both control / resolve
- How closely tied is your incident management to your risk management programme?

#8

“Nobody puts baby in a corner”

JOHNNY CASTLE

DIRTY DANCING

So what?

Manage risks from the top down

- Your organisational structure will often reflect your success
- Who do you escalate enterprise risks to?
- A formal process of escalation must exist for it to be effective
- The “tone at the top” must be supportive
- Empowerment to deal with risks must exist at all levels

#9

“No Mr Bond, I expect you to die”

AURIC GOLDFINGER

GOLDFINGER

So what?

Don’t reveal your internal documents

- Internal documents appear outside, everywhere, all the time! [3]
- At best it is embarrassing
- At worst it results in competitive loss, lawsuits, financial loss
- Categorise ALL documentation, educate, use technology
- Get your basics covered, build on these foundations

#10

“They’ve done studies, you know. Sixty percent of the time, it works every time.”

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RON BURGANDY

ANCHORMAN

So what?

Lies, damn lies and statistics

- "*Reduce phishing click throughs by 75%!*" [4]
- "*...successfully trained over 7000 employees*" [5] (Fox Entertainment)
- Statistics are often used to sell and also to scare you to buy
- Use statistics carefully and responsibly
- If you can't "reverse" the statistic, don't use it or believe it

Bonus Round #1

Name this film

Risky Business

Bonus Round #2

Name this film

Maximum Risk

Bonus Round #3

Name this film

Risk

Bonus Round #4

Name this film

Paul Blart Mall Cop

Questions

Thank You

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Copyright & Credits

- “Jaws” Universal Studios
- “The Treasure of the Sierra Madre” Warner Brothers
- “2001: A Space Odyssey” MGM/Warner Brothers
- “Goldfinger” United Artists
- “Anchorman: The Legend of Ron Burgandy” Dreamworks Pictures
- “Dirty Dancing” United Artists
- “Apollo 13” Universal Pictures
- “Terminator” Orion Pictures
- “Risky Business” Warner Brothers
- “Paul Blart Mall Cop” Columbia Pictures
- “Risk” *Unknown*
- “The Lord of the Rings: The Two Towers” new Line Cinema
- “The Sixth Sense” Hollywood Pictures
- “Maximum Risk” Sony/ Columbia

1. krebsonsecurity
2. Security Burnout & The Register
3. Google “leak of internal documents”
4. KnowBe4 Internet Security Awareness Training
5. TerraNova Security Awareness

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