

Security Cogs & Levers

(Based Loosely on my chapter from "Beautiful Security" by O'Reilly)



Mark Curphey - Product Unit Manager
Microsoft IT - Information Security Tools Team

First Topic: Introduction

Second Topic: Tomorrows Technology vs. Today's Security Technology

Third Topic: Five Year View – Things to Watch

Fourth Topic: Something We Are Building Now

Fifth Topic: Interesting Quotes from Famous People

First Topic: Introduction

Alistair Darling | Govt loses discs | The Sun |HomePage|News - Windows Internet Explorer
http://www.thesun.co.uk/sol/homepage/news/article488795.ece data breach in uk

THE Sun
Paper | Online | Mobile
Thursday, November 22, 2007

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Got a story? 63000

Govt bunglers lose 25m names

By ONLINE REPORTERS
Published: 21 Nov 2007
ADD YOUR COMMENTS

THE Metropolitan Police are now leading the hunt for two computer discs lost by the Government containing highly sensitive personal details of HALF the population.

The news comes as it is revealed that the junior official at the centre of the scandal has been put into a safe house.

The move is thought to help stop him being targeted by organised criminals who might try to get the password to the files from him.

Chancellor Alistair Darling yesterday stunned MPs as he confessed the data included names, addresses, dates of birth, National Insurance numbers — and even bank or building society details.

The discs — containing info on **EVERY** family receiving Child Benefit — went AWOL after taxmen amazingly sent them to another department 250 miles away by



WHAT'S BEEN LOST

1. YOUR NAME
2. YOUR ADDRESS
3. YOUR DATE OF BIRTH
4. YOUR NI NUMBER
5. YOUR BANK DETAILS
6. YOUR CHILD BENEFIT NO.

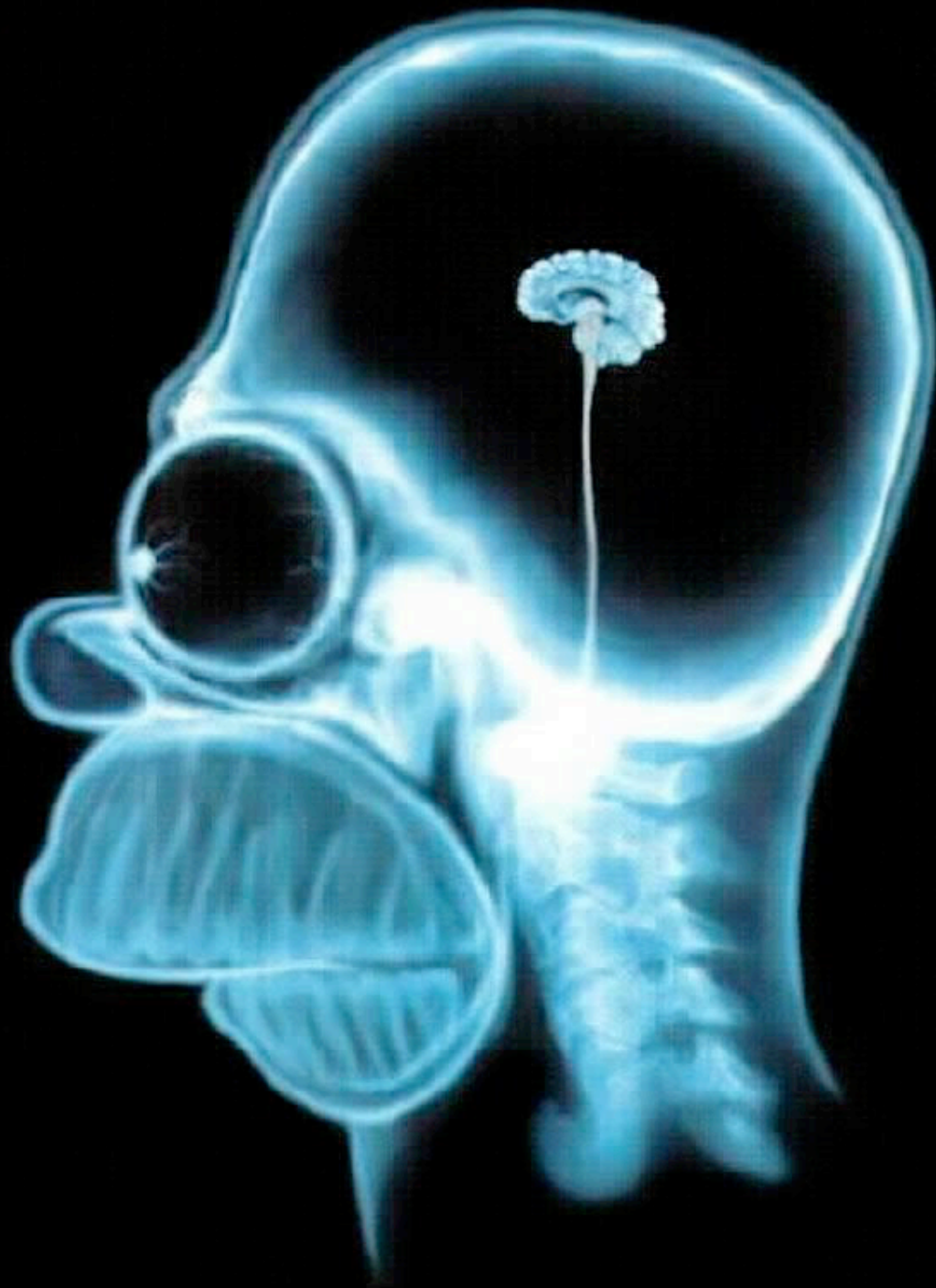
Disc-gruntled ... Alistair Darling arrives for Cabinet meeting yesterday

How crisis unfolded

MARCH 2007: A junior official at HM Revenue and Customs (HMRC) provides the National Audit Office (NAO) with a full copy of HMRC's child benefit data, in breach of security procedures. The information is later safely returned.

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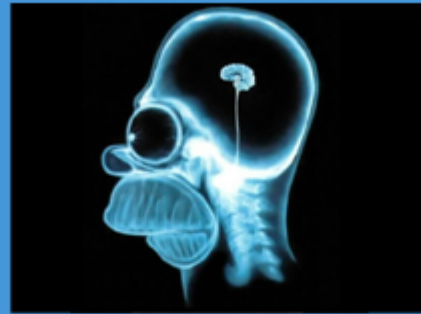


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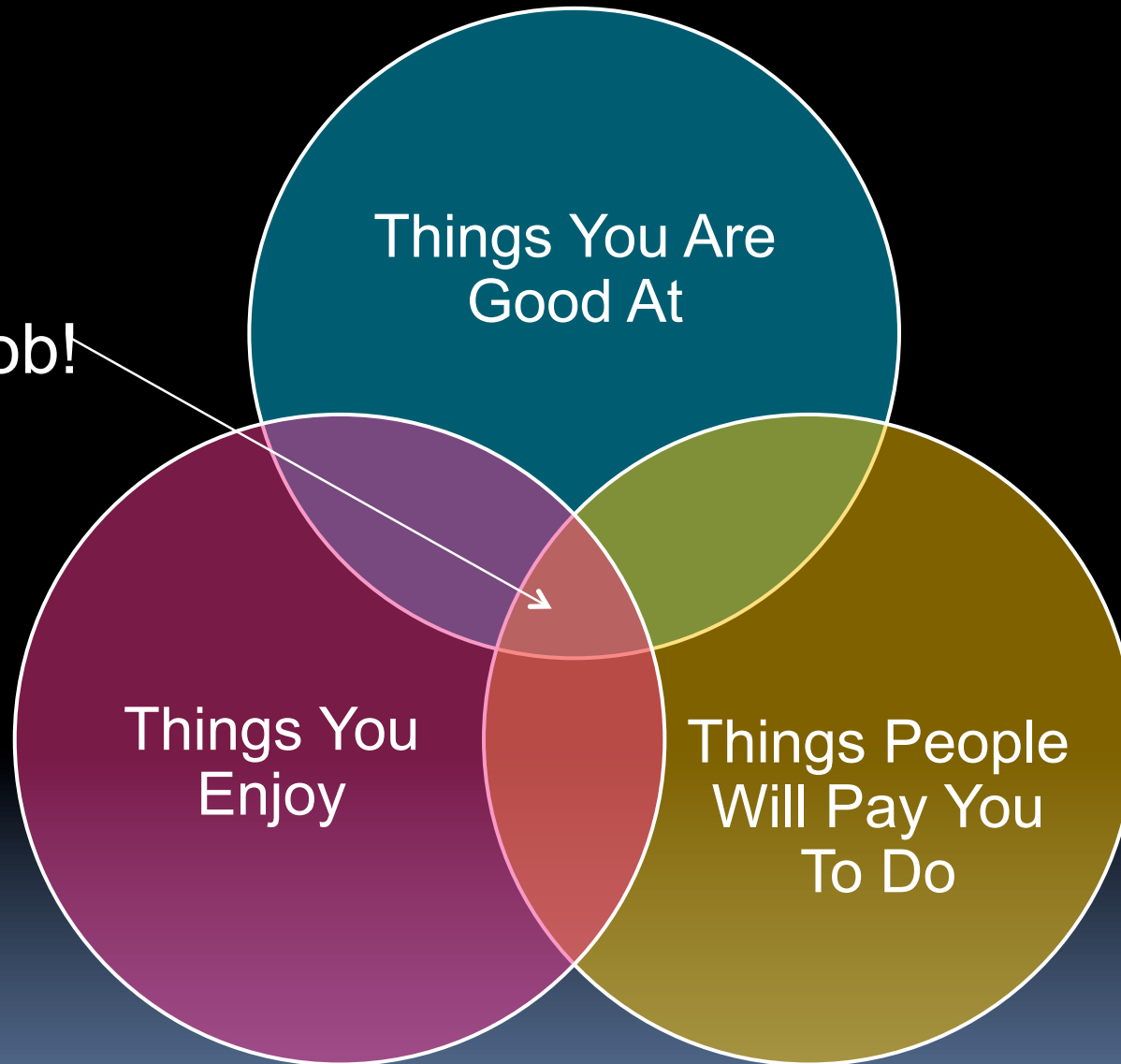
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Ideal Job!




$$\Pr[T_A < 1, T_B < 1] = \Phi_2(\Phi^{-1}(F_A(1)), \Phi^{-1}(F_B(1)), \gamma)$$

$$S = f(\text{---})$$

Security is a function of ...

$$S = f(^{\circ}\text{WFFF})$$

Degrees of Warm Fuzzy Feeling

$$S=f(p,d)+Rn$$

(Prayer, Denial) + Number of Days till Retirement

$$S=f(n)$$

Where n is the number of security guys you know

$$S=f(1/n)$$

Where n is the number of security standards documents you have read

$$S = f(\#B * \#FCA)$$

Number of people you can blame multiplied by the number of friends you have that can cover your back-side

$$S = f(\text{Bu} : \text{Br})$$

Builders versus Breakers

Second Topic : Tomorrows Technology versus Today's
Security Technology

Time for some video.....

1. Futurists (~~High~~ Long)
2. Hollywood (Medium)
3. Reality (~~Low~~ Short)









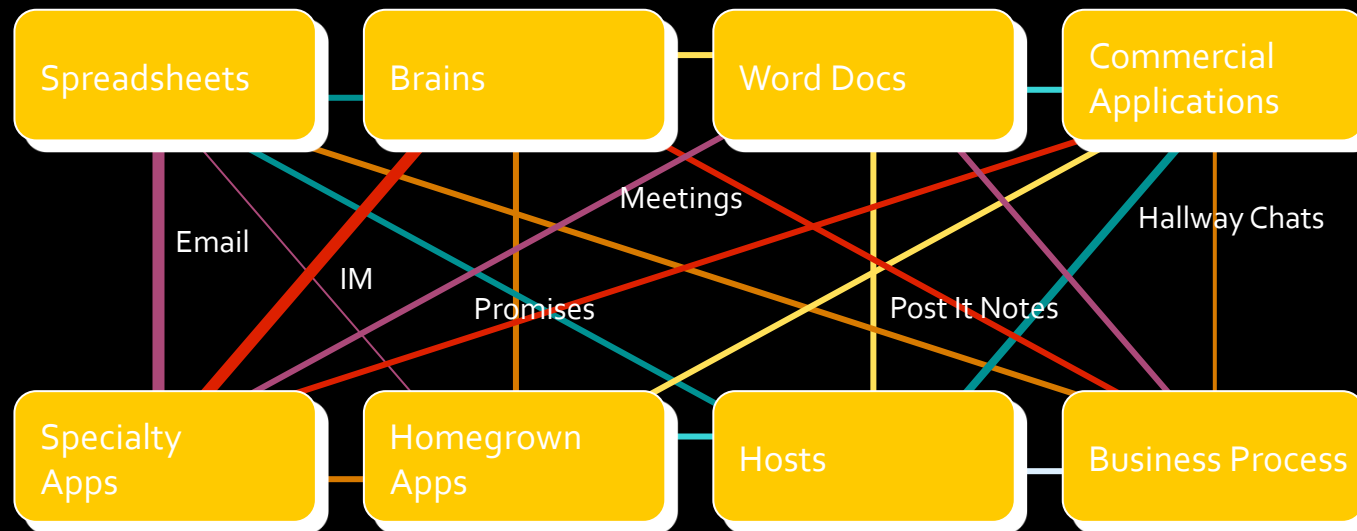


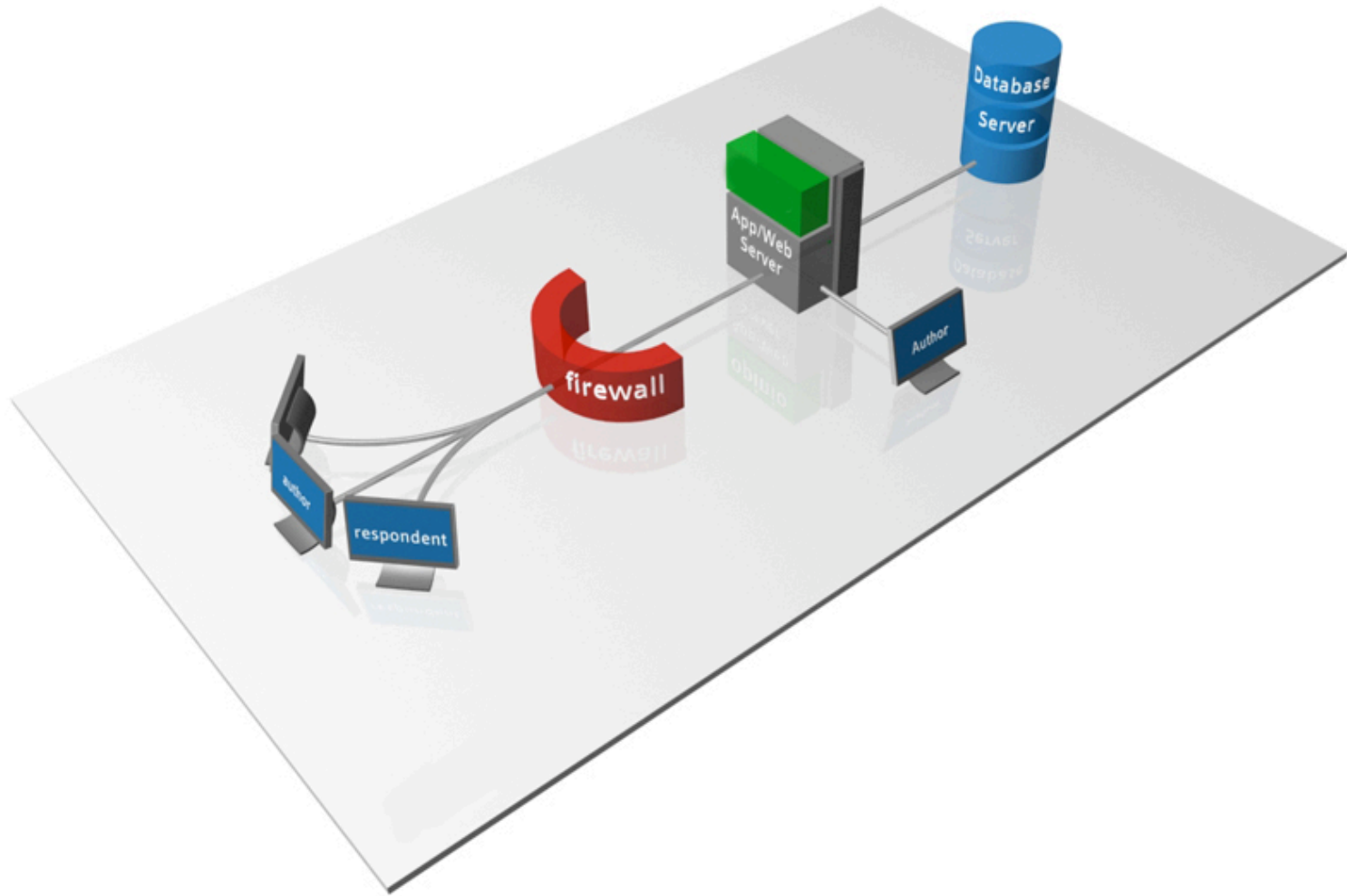


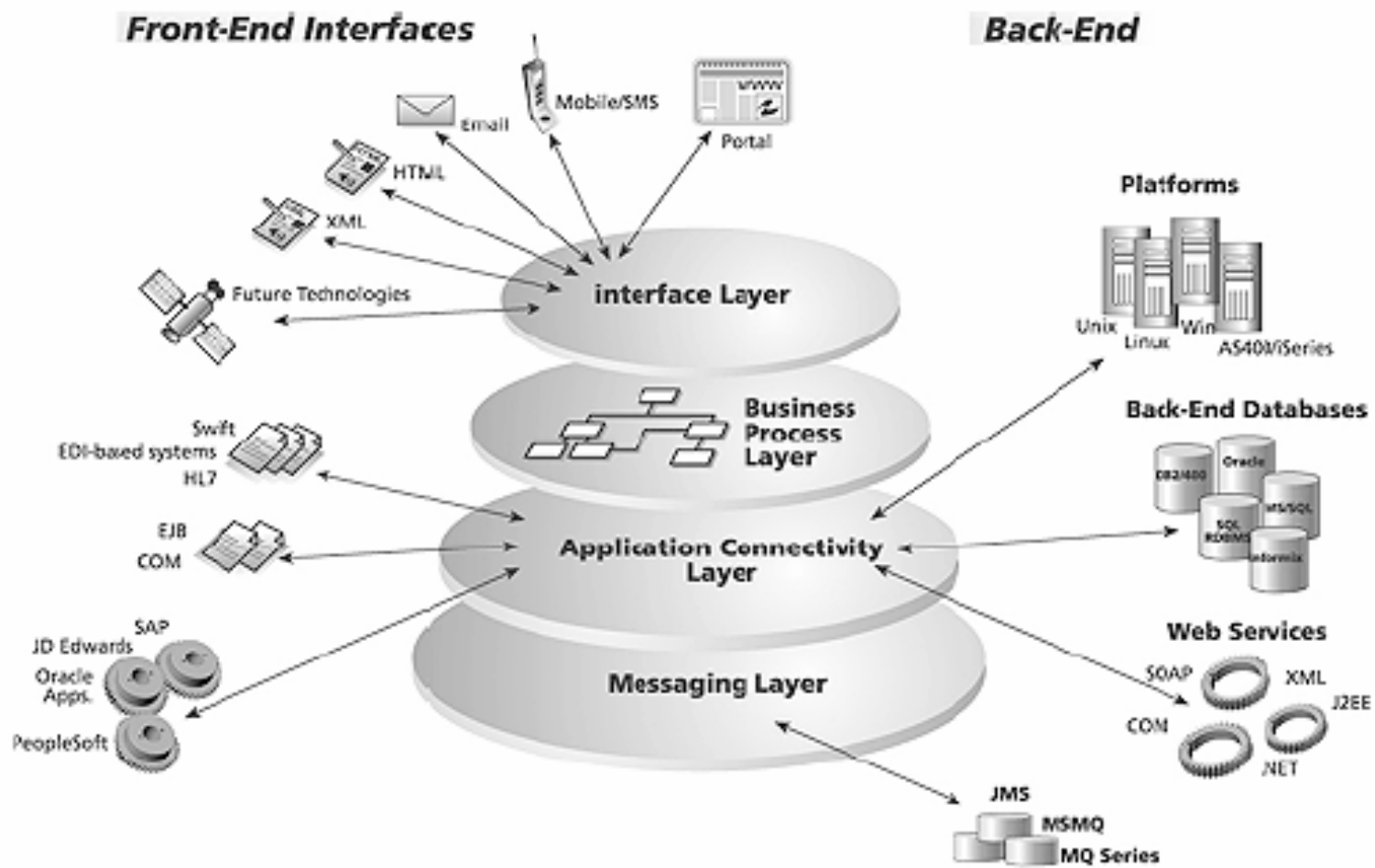
What is the World's Most Widely Used Corporate Information Risk Management Tool?



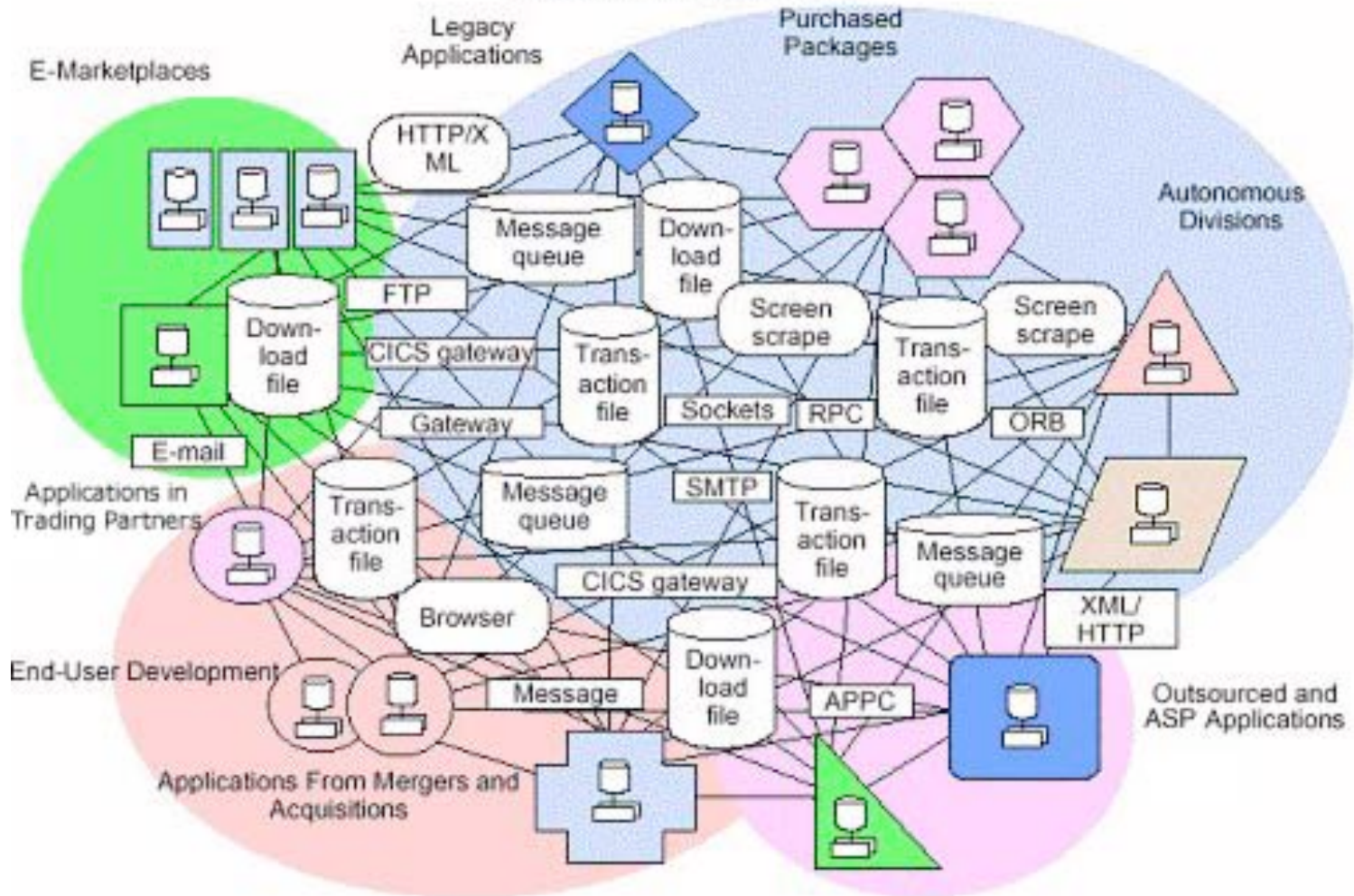
A Typical Security Team?








Spaghetti-Like Architecture



The fundamental processes of security maybe common but few security teams are the same

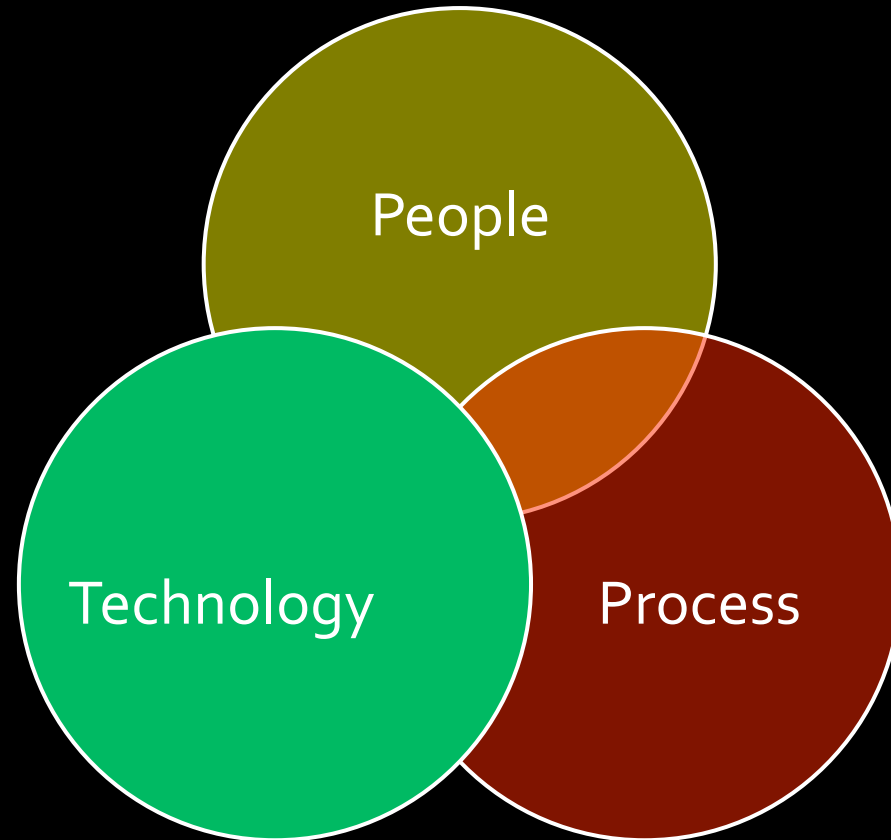


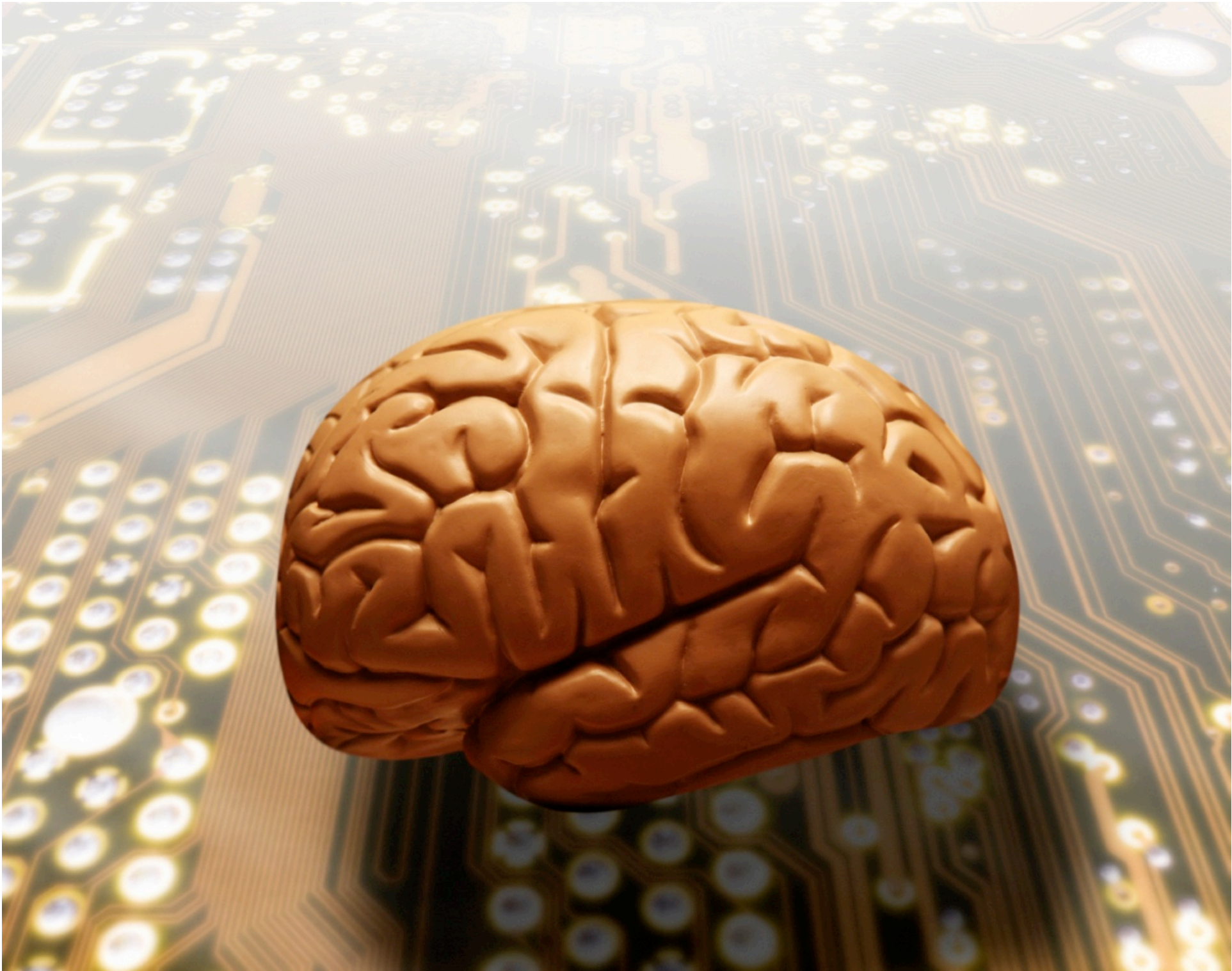


“The underlying technology most people are using to build security management tools on simply wasn’t designed for the purpose……” – Fortune 100 CSO

Third Topic: Five Year View – Themes to Watch

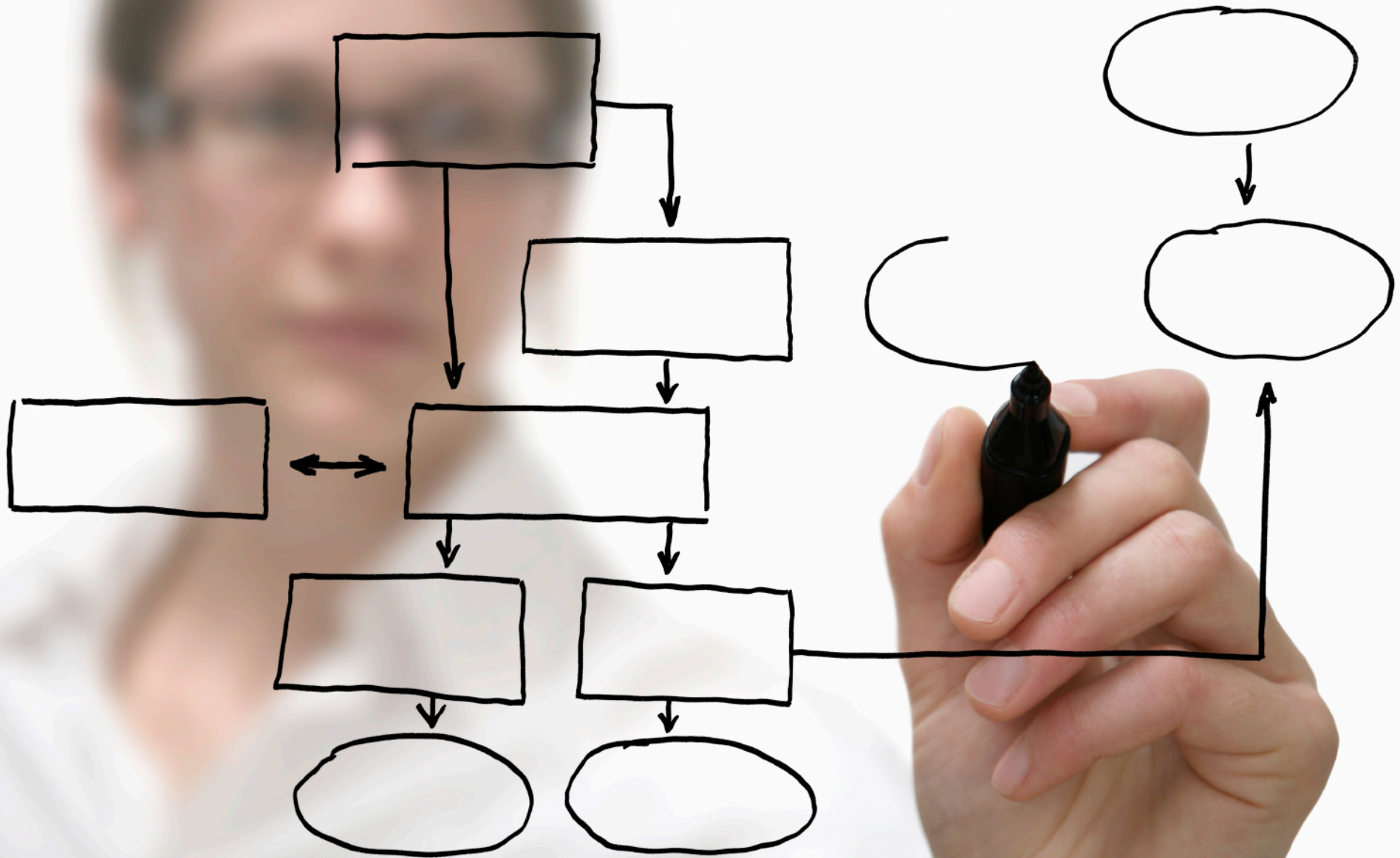
1. Systems Thinking
2. Social Networking
3. BPM
4. Super Crunching
5. Platforms
6. Identity



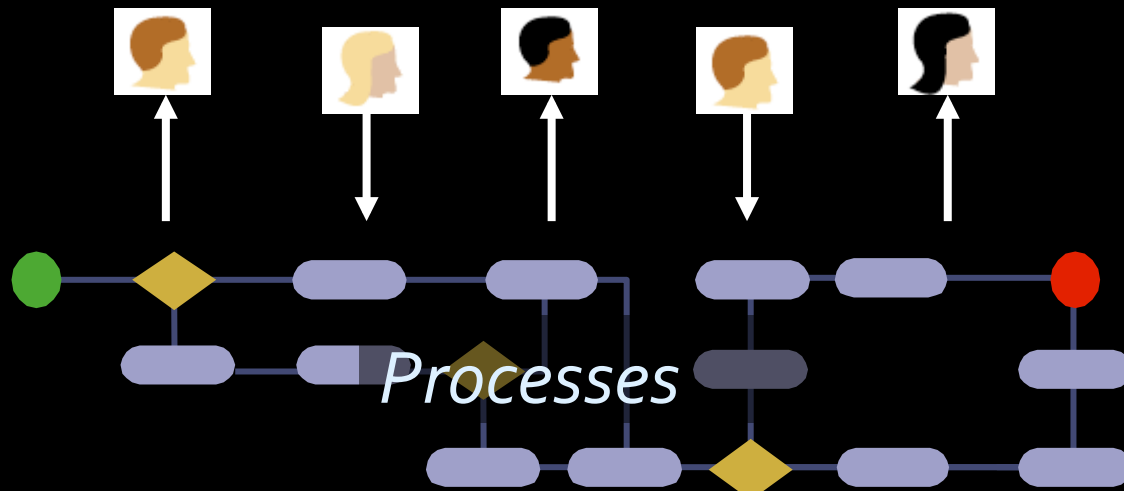


Imagine if we could effectively share knowledge?



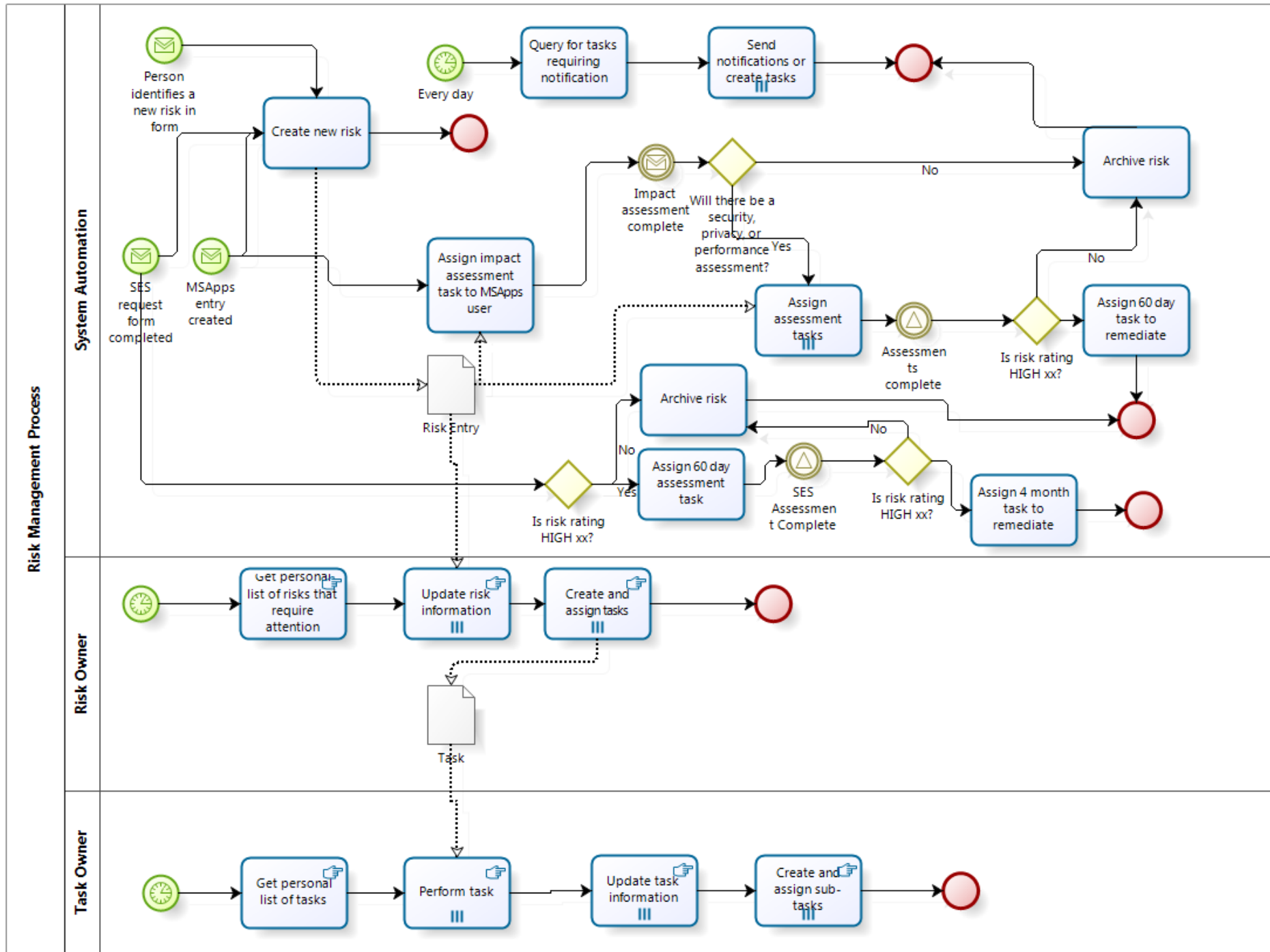


People



Processes

Technology






**Wine Quality = 12.145 + .00117 * winter rainfall + .0614
average growing season - .00386 harvest rainfall**

Most security management people don't want to build software....they just want to build useful applications



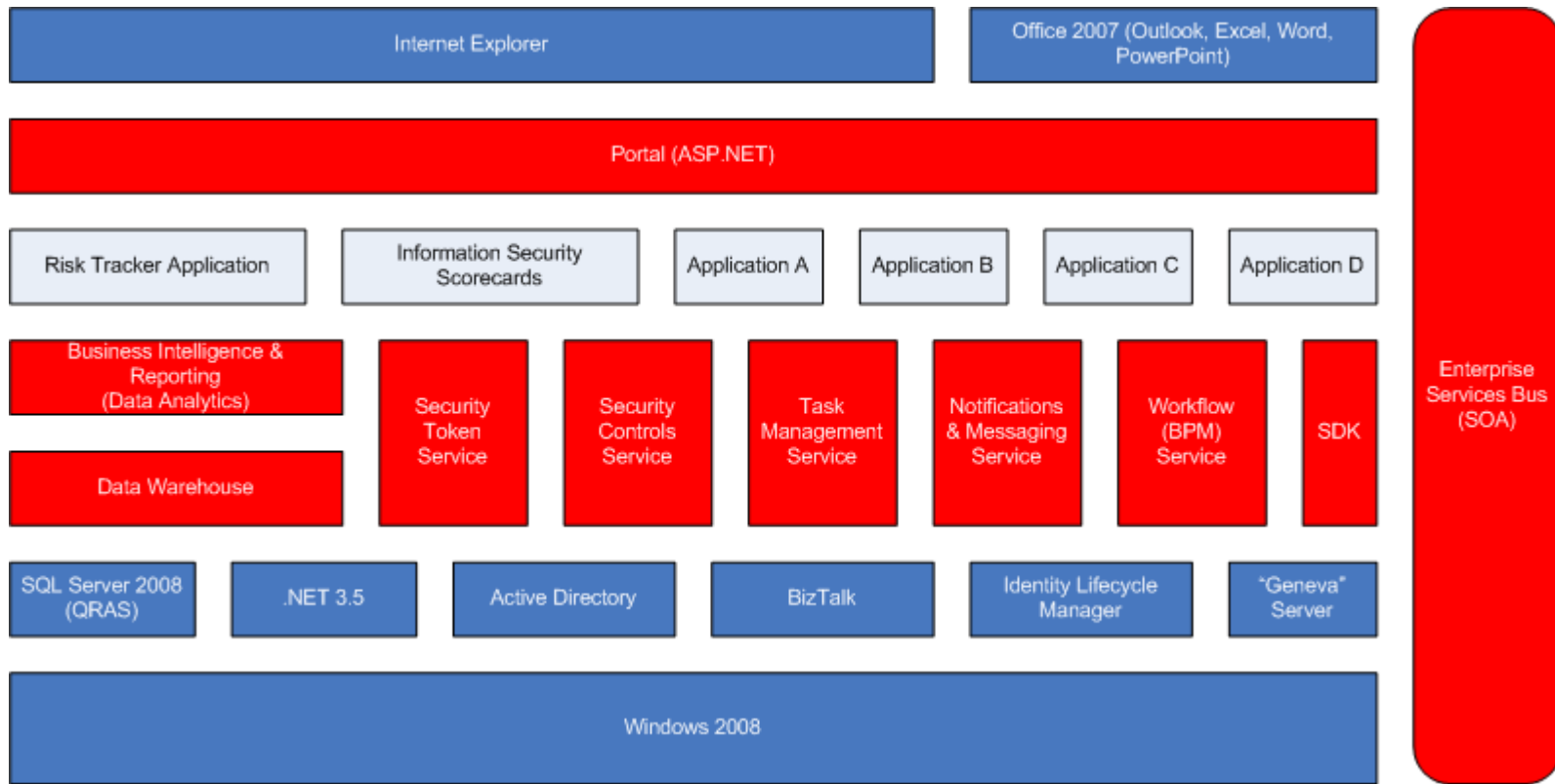


Identity is about a LOT more than user roles and privileges




Fourth Topic: Something We Are building Today

Connected Information Security Framework



Coming Summer 2009 !



Fifth Topic: Interesting Quotes From Famous People

If you think
technology is
the solution then
you don't
understand the
problem!



A fool with a tool is still a fool

*“It is **not** the strongest of the species that survives, **nor** the most intelligent, but the one most responsive to change.”*

—Charles Darwin

“The art of war does not require complicated maneuvers; the simplest are the best, and common sense is fundamental. From which one might wonder how it is generals make blunders; it is because they try to be

clever.” —Napoleon on Simplicity, from Napoleon on Project Management by Jerry Manas.



Chinese proverb : When the wind blows some people build high walls, others build windmills



That's All Folks!