



Cyber Security and Privacy: An Optimist's Perspective

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Trinity University Computer Science Colloquium No-Boundary Thinking

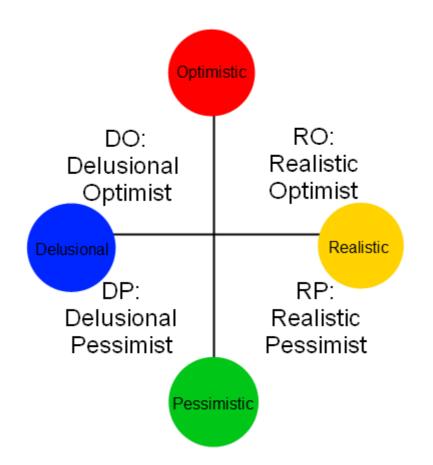
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Pragmatic Optimist

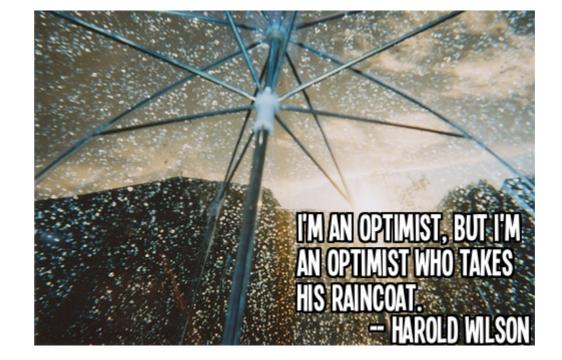




Pragmatic Optimist



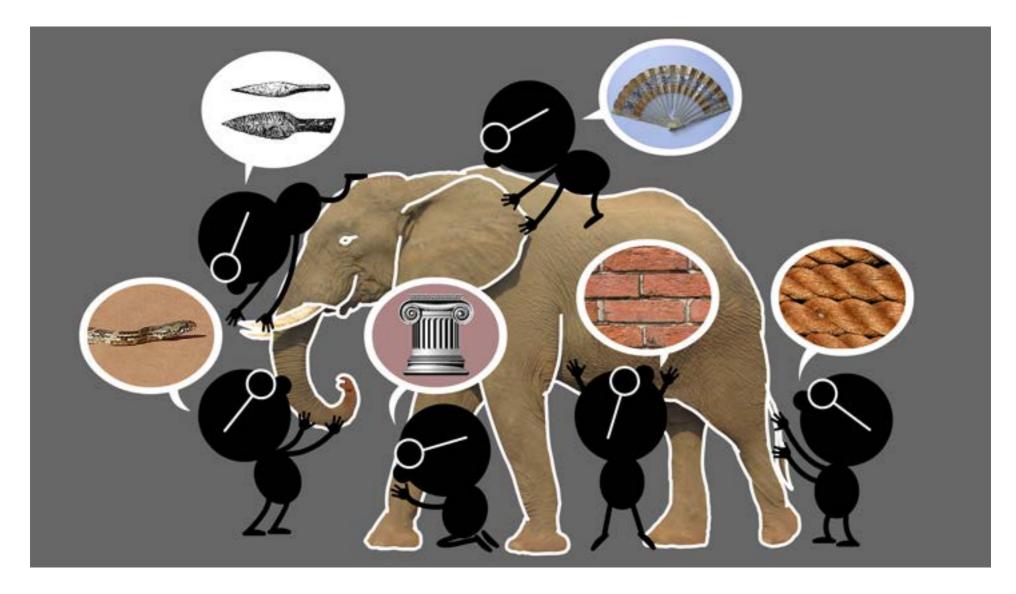






Elephant Problem





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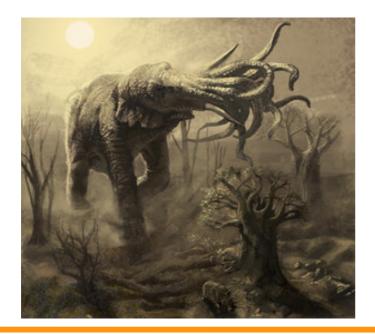


Cyber-Elephant Problem



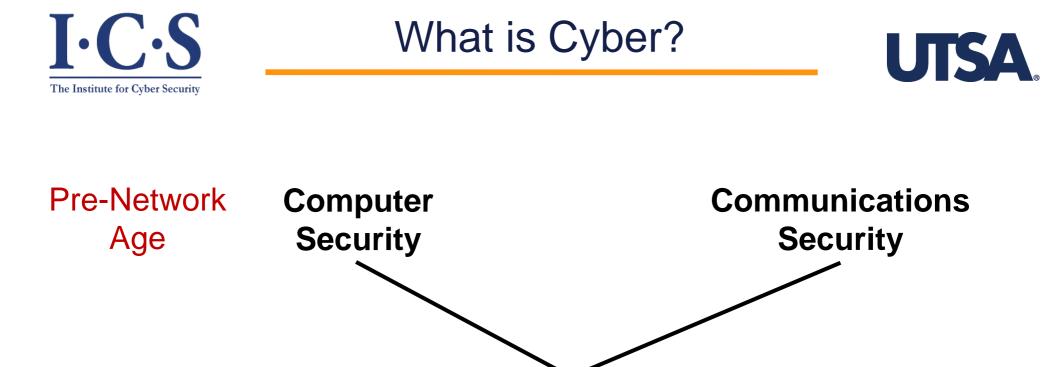








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Information

Security

Cyber

Security



Network

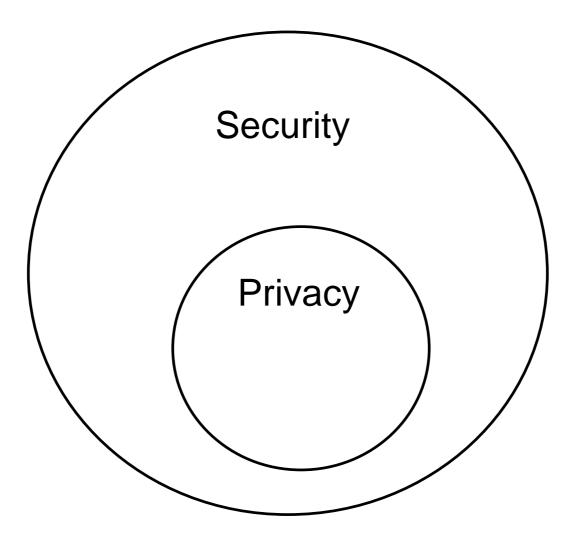
Age

Internet

Age







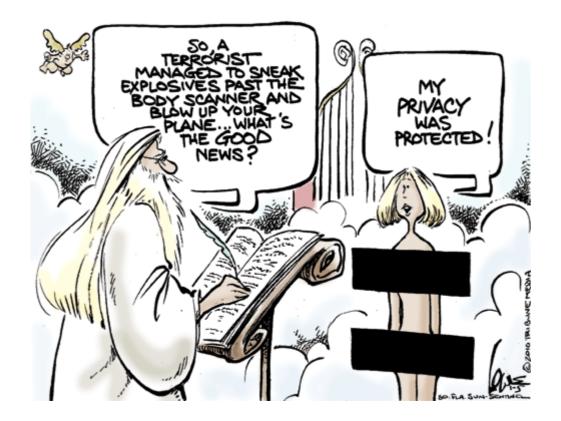














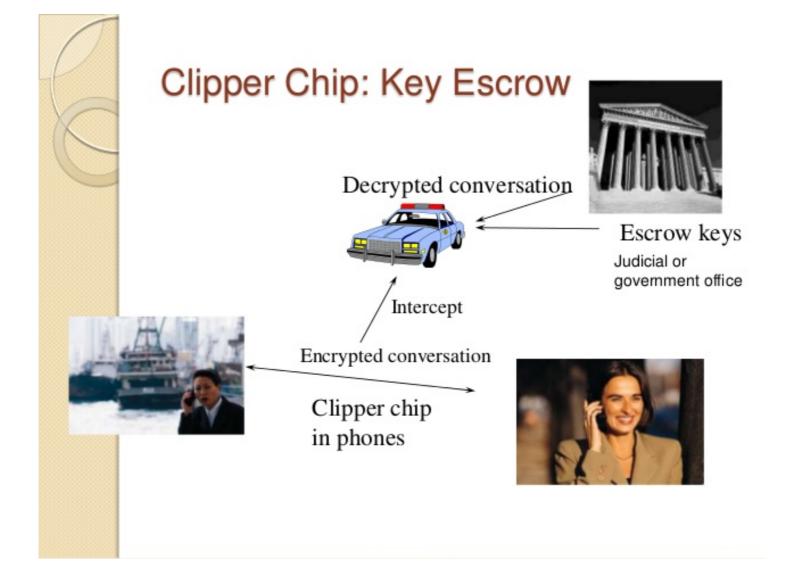






Clipper Chip 1993

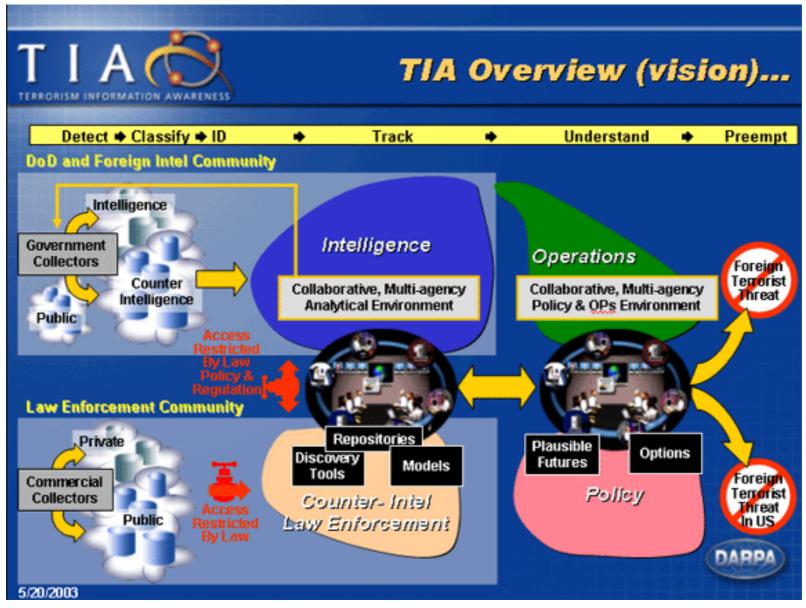






Total Information Awareness 2003



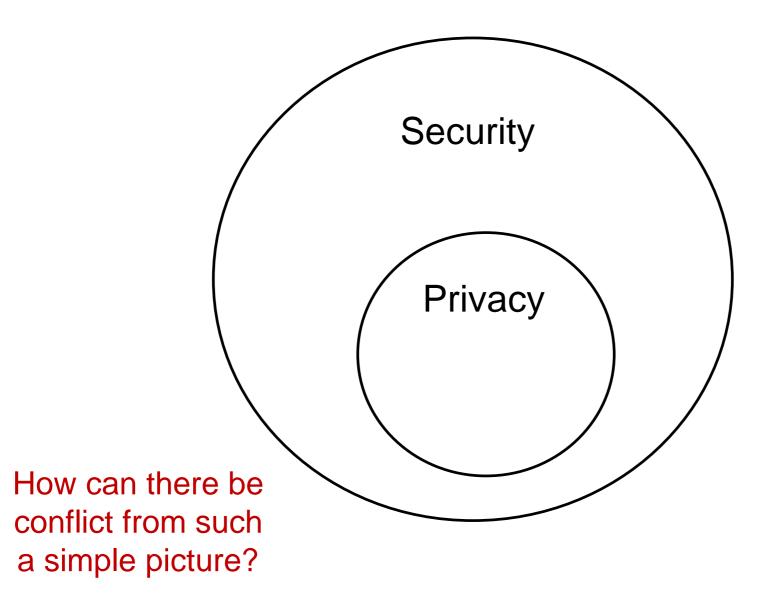


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SO PLEASE CONTINUE TO HOLD . "







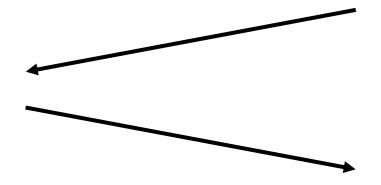






Personal info







Aggregated Analyzed Modeled **Delightful service**

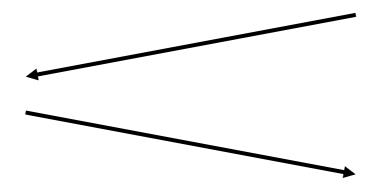
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Personal info





Delightful service



Aggregated Analyzed Modeled

Misused?

- Malicious
- Negligent
- Coerced



3 Ongoing Experiments







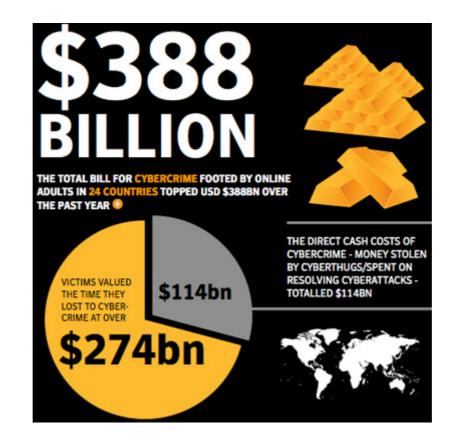


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Money is the Easier Problem

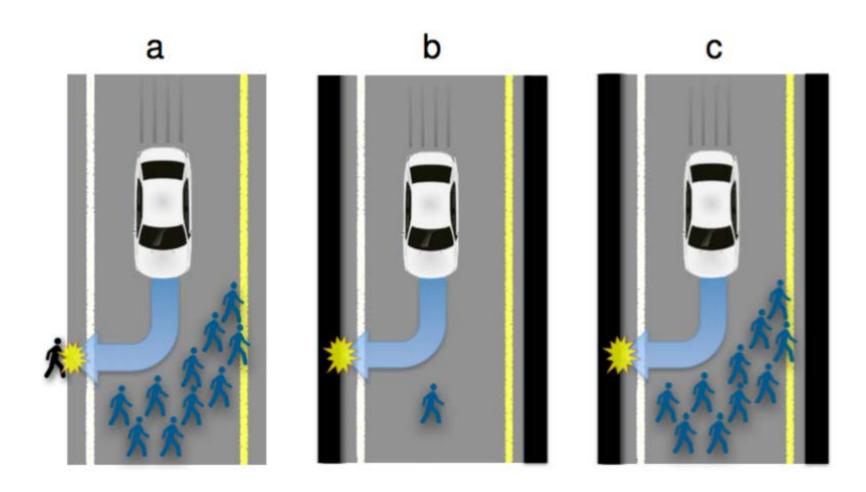






Machine Ethics







On a Lighter Note



