



Big Data for Security

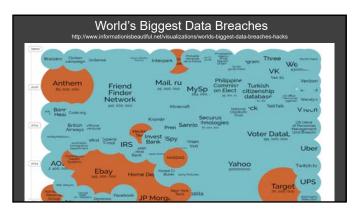
If you have no visibility of your systems, how can you secure them?

Prevention is hopeless: if you detect all incidents, you can stop the bad guys in a cost effective way (read: you can reduce investments in prevention)

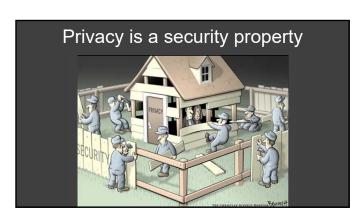
By applying analytics to incident data sets, we can learn how the bad guys behave and detect them even faster next time around

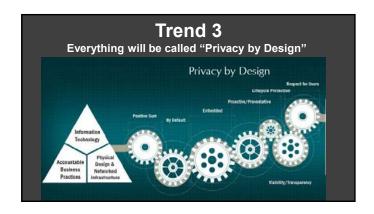
Mass Surveillance panopticon [Jeremy Bentham, 1791] discrimination fear conformism - stifles dissent oppression and abuse











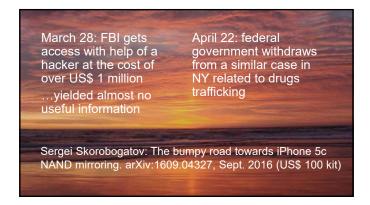




















NSA calls the iPhone users public 'zombies' who pay for their own surveillance

US citizens have protections based on 4th Amendment but Europeans don't

NSA and GCHQ claim that they perform targeted surveillance while they run mass surveillance programs (Tempora and XKeyScore Deep Dive) It's the **metadata** stupid



