Bibliography


BIBLIOGRAPHY


*Security Engineering* 941 Ross Anderson


[35] M Alagappan, JV Rajendran, M Doroslovački, G Venkataramani, “DFS Covert Channels on Multi-Core Platforms”, *Visisoc 2017*


BIBLIOGRAPHY


April 28 2013

Sep 2 2013


BIBLIOGRAPHY


Security Engineering 946 Ross Anderson


[121] D Antonioli, NO Tippenhauer and KB Rasmussen, “The KNOB is Broken: Exploiting Low Entropy in the Encryption Key Negotiation Of Bluetooth BR/EDR”, Usenix 2019


[129] Arm Inc., ‘Cache Speculation Side-channels’ v 2.4, Oct 2018


[138] R Atkinson, “The single most effective weapon against our deployed forces” and “The IED problem is getting out of control. We’ve got to stop the bleeding”, in the Washington Post, Sep 30 2007; “There was a two-year learning curve . . . and a lot of people died in those two years”, Oct 1 2007; “You can’t armor your way out of this problem”, Oct 2 2007; “If you don’t go after the network, you’re never going to stop these guys. Never”, Oct 3 2007; all linked from https://web.archive.org/web/20080827220904/http://smallwarsjournal.com/blog/2007/09/print/weapon-of-choice/


[140] D Aucsmith (editor), Proceedings of the Second International Workshop on Information Hiding (Portland, Apr 98), Springer LNCS 1525


[144] A Aviv, B Sapp, M Blaze, JM Smith, “Practicality of Accelerometer Side Channels on Smartphones” ACSAC 2012


BIBLIOGRAPHY


<table>
<thead>
<tr>
<th>No.</th>
<th>Author(s)</th>
<th>Title</th>
<th>Source</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>172</td>
<td>S Baron-Cohen, AM Leslie, U Frith</td>
<td>Does the autistic child have a ‘theory of mind’?</td>
<td>Cognition (Oct 1985) v 21 no 1 pp 37–46</td>
<td></td>
</tr>
<tr>
<td>174</td>
<td>B Barrow, B Quinn</td>
<td>Millions in danger from chip and pin fraudsters</td>
<td>Daily Mail June 5th 2006</td>
<td></td>
</tr>
<tr>
<td>175</td>
<td>B Bartholomew, JA Guerrero-Saade</td>
<td>Wave your false flags! Deception tactics muddying attribution in targeted attacks</td>
<td>Kaspersky Labs, Oct 6 2016</td>
<td></td>
</tr>
<tr>
<td>176</td>
<td>D Bartz, A Oreskovic</td>
<td>UPDATE 3-Facebook settles privacy case with U.S. FTC</td>
<td>Reuters Nov 30 2011</td>
<td></td>
</tr>
<tr>
<td>178</td>
<td>PJ Bass</td>
<td>Telephone Cards and Technology Development as Experienced by GPT Telephone Systems</td>
<td>GEC Review v 10 no 1 (95) pp 14–19</td>
<td></td>
</tr>
<tr>
<td>179</td>
<td>‘Bates and others v Post Office group litigation’</td>
<td></td>
<td><a href="https://www.postofficetrial.com/">https://www.postofficetrial.com/</a></td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>J Battelle</td>
<td>The Search: How Google and Its Rivals Rewrote the Rules of Business and Transformed Our Culture</td>
<td>Portfolio, 2005</td>
<td></td>
</tr>
<tr>
<td>181</td>
<td>W Bax, V Dekker</td>
<td>Met zijn allen meekijken in de medische kaartenbak</td>
<td>Trouw Dec 11 2007</td>
<td></td>
</tr>
<tr>
<td>182</td>
<td>S Baxter</td>
<td>US hits panic button as air force ‘loses’ nuclear missiles</td>
<td>Sunday Times Oct 21 2007</td>
<td></td>
</tr>
<tr>
<td>183</td>
<td>BBC News Online</td>
<td>“Tax records 'for sale' scandal”</td>
<td><a href="https://news.bbc.co.uk/1/hi/business/2662491.stm">https://news.bbc.co.uk/1/hi/business/2662491.stm</a></td>
<td></td>
</tr>
<tr>
<td>184</td>
<td>BBC News Online</td>
<td>“Relief’ over fingerprint verdict”</td>
<td><a href="https://news.bbc.co.uk/1/hi/scotland/4689218.stm">https://news.bbc.co.uk/1/hi/scotland/4689218.stm</a></td>
<td></td>
</tr>
<tr>
<td>185</td>
<td>BBC News Online</td>
<td>“Schools get rules on biometrics”</td>
<td><a href="https://news.bbc.co.uk/1/hi/education/6912232.stm">https://news.bbc.co.uk/1/hi/education/6912232.stm</a></td>
<td></td>
</tr>
<tr>
<td>186</td>
<td>BBC News Online</td>
<td>“PC stripper helps spam to spread”</td>
<td><a href="https://news.bbc.co.uk/1/hi/technology/7067962.stm">https://news.bbc.co.uk/1/hi/technology/7067962.stm</a></td>
<td></td>
</tr>
<tr>
<td>187</td>
<td>BBC News Online</td>
<td>“The mystery of Ireland’s worst driver”</td>
<td><a href="http://news.bbc.co.uk/1/hi/northern_ireland/7999171.stm">http://news.bbc.co.uk/1/hi/northern_ireland/7999171.stm</a></td>
<td></td>
</tr>
<tr>
<td>188</td>
<td>BBC News Online</td>
<td>“G4S and Serco lose tagging contracts”</td>
<td><a href="https://www.bbc.co.uk/news/uk-25348086">https://www.bbc.co.uk/news/uk-25348086</a></td>
<td></td>
</tr>
</tbody>
</table>
BIBLIOGRAPHY


Security Engineering 951 Ross Anderson
BIBLIOGRAPHY


BIBLIOGRAPHY


Security Engineering 953 Ross Anderson
BIBLIOGRAPHY

[243] Wolfgang Bitzer, Joachim Opfer ‘Schaltungsanordnung zum Messen der Korrelationsfunktion zwischen zwei vorgegebenen Signalen’ [Circuit arrangement for measuring the correlation function between two provided signals]. German Patent DE 3911155 C2, Deutsches Patentamt, November 11, 1993


[266] R Böhme, G Kataria, “Models and Measures for Correlation in Cyber-Insurance”, at *WEIS 2006*


BIBLIOGRAPHY


[288] V Bontchev, “Possible macro virus attacks and how to prevent them”, in Computers and Security v 15 no 7 (96) pp 595–626


[290] NS Borenstein, “Perils and Pitfalls of Practical Cybercommerce”, in Communications of the ACM v 39 no 6 (June 96) pp 36–44


[292] E Bovenlander, invited talk on smartcard security, Eurocrypt 97, reported in [105]


[294] O Bowcott, “UK-US surveillance regime was unlawful for seven years” “The Guardian Feb 6 2015


[299] M Brader, “How to lose 10,000,000 pounds”, in comp.risks v 24 no 25, Apr 19 2006


[303] R Brandom, “Your phone’s biggest vulnerability is your fingerprint”, The Verge May 2, 2016


[306] H Bray, “ ‘Face testing’ at Logan is found lacking”, in Boston Globe July 17 2002

[307] M Brelis, ‘Patients’ files allegedly used for obscene calls”, in Boston Globe April 11, 1995; also in comp.risks v 17 no 7


Security Engineering 957 Ross Anderson


[324] RT Buchanan, “Stag party member claims he was ‘grossly exploited’ by lap dancing club Spearmint Rhino after spending third of his salary in single evening”, The Independent Nov 11 2014


Security Engineering 958 Ross Anderson


[336] M Burgess, “North Korea’s elite hackers are funding nukes with crypto raids”, Wired Apr 3 2019


[339] T Burt, “New action to disrupt world’s largest online criminal network”, Microsoft on the issues, Mar 10 2020


[341] G Burton, “More than 600 US government entities hit with ransomware so far this year – and it’s only going to get worse”, Computing Oct 1 2019


[344] L Butler, “Post Office boss receives 7% pay rise as postmaster salaries cut”, The Guardian Oct 19 2018

BIBLIOGRAPHY


[348] G Burton “Equifax used default ‘admin’ user name and password to secure hacked portal”, Computing Oct 21 2019


[352] ‘A Comparative Introduction to 4G and 5G Authentication’, Cable Labs, Winter 2019

[353] C Cadwalladr, “Facebook’s role in brexit – and the threat to democracy”, TED2019


Security Engineering 960 Ross Anderson


[374] “Dark horse in lead for fingerprint ID card”, Card World Independent (May 94) p 2

[375] “German A555 takes its toll”, in Card World International (12/94–1/95) p 6

[376] BL Cardin, ‘Putin’s Asymmetric Assault on Democracy in Russia and Europe – Implications for U.S. National Security’ Minority Staff Report, Committee on Foreign Relations, U.S. Senate, Jan 10 2018

[377] “High tech helps card fraud decline” in Cards International no 117 (29 Sep 94)

[378] “Visa beefs up its anti-fraud technology”, in Cards International no 189 (12/12/97) p 5


Security Engineering 961 Ross Anderson


[387] E Cebuc, “How are we doing with Android’s overlay attacks in 2020?” *F-secure Labs* Mar 27 2020


[389] L Cerulus, “EU Commission to staff: Switch to Signal messaging app”, *Politico Pro* Feb 20 2020


**Security Engineering** 962 Ross Anderson


[405] YS Cheng, XY Ji, TY Lu, WY Xu, “DeWiCam: Detecting Hidden Wireless Cameras via Smartphones” AsiaCCS 2018


[407] K Chiu, “The world’s biggest online population is staying home and China’s internet can’t cope”, Abacus News Feb 17 2020

[408] “ ‘Trial by Internet’ Casts Spotlight on Korean Cyber Mobs” Chosun Ilbo July 8 2005


[410] T Christakis, “A fragmentation of EU/ECHR law on mass surveillance: initial thoughts on the Big Brother Watch judgment”, European Law blog Sep 20 2018

[411] N Christin, “Traveling the Silk Road: A measurement analysis of a large anonymous online marketplace”, WWW 2013


[416] C Cimpanu, “Newer Diameter Telephony Protocol Just As Vulnerable As SS7”, Bleeping Computer July 2 2018

[417] C Cimpanu, “Backdoor found in Ruby library for checking for strong passwords”, ZDNet July 8 2019

[418] C Cimpanu, “DNS-over-HTTPS causes more problems than it solves, experts say”, ZDNet Oct 6 2019

[419] C Cimpanu, “Major vulnerability patched in the EU’s eIDAS authentication system”, ZDNet Oct 29 2019

[420] C Cimpanu, “Average tenure of a CISO is just 26 months due to high stress and burnout”, ZDNet Feb 12 2020

[421] C Cimpanu, “Android malware can steal Google Authenticator 2FA codes”, ZDNet Feb 27 2020

[423] J Cipriani, “iOS 13: Top 5 new security and privacy features for your iPhone”, CNet Sep 22 2019


[432] R Clayton, private conversation, 2006


BIBLIOGRAPHY


[443] A Collins, “Court decides software time-locks are illegal”, in Computer Weekly (19 August 93) p 1


[445] D Coldewey, “Uber in fatal crash detected pedestrian but had emergency braking disabled”, TechCrunch May 24 2018


[448] “Telecomms Fraud in the Cellular Market: How Much is Hype and How Much is Real?”, in Computer Fraud and Security Bulletin (Jun 97) pp 11–14


[453] Computer Emergency Response Team Coordination Center, at http://www.cert.org/


[456] D Conner, “Cryptographic techniques — secure your wireless designs”, in EDN (18/1/96) pp 57–68


[458] E Constable, “American Express to reduce the risk of online fraud”


Security Engineering 965  Ross Anderson

[461] D Coppersmith, ‘The Data Encryption Standard (DES) and its Strength Against Attacks’, IBM report RC 18613 (81421)


[466] S Cordier, “Bracelet électronique, ordonnance de protection, TGD... Ce que contient la loi sur les violences conjugales”, Le Monde Dec 18 2019


[469] J Cox, “Hundreds of Bounty Hunters Had Access to AT&T, T-Mobile, and Sprint Customer Location Data for Years” Motherboard Feb 6 2019


[472] J Cox, “Criminals Are Tapping into the Phone Network Backbone to Empty Bank Accounts”, Vice Jan 31 2019

[473] J Cox, “Hackers Are Breaking Directly Into Telecom Companies to Take Over Customer Phone Numbers”, Vice Jan 10 2020


BIBLIOGRAPHY


[480] L Cranor, “Time to rethink mandatory password changes”, Tech@FTC blog Mar 2 2016


[496] G Danezis, “Distributed Ledgers: what is so interesting about them?” Conspicuous Chatter Sep 27 2018


[503] Two statements, made by the Data Protection Commissioners of EU and EES countries and Switzerland, 20th International Conference on Data Protection, Santiago de Compostela, 16-18 September 1998


[508] G Davidson,“Scottish Government to scrap Named Person scheme, John Swinney confirms”, The Scotsman Sep 19 2019


[514] D Deahl, “This 10-year-old was able to unlock his mom’s iPhone using Face ID”, The Verge Nov 14 2017


[527] DE Denning, “Activism, Hacktivism, and Cyberterrorism: The Internet as a Tool for Influencing Foreign Policy”, InfowarCon 2000


Security Engineering  969  Ross Anderson


[538] Department of Justice, “South Korean National and Hundreds of Others Charged Worldwide in the Takedown of the Largest Darknet Child Pornography Website, Which was Funded by Bitcoin” Oct 16 2019

[539] Department of Justice, “Chinese Military Personnel Charged with Computer Fraud, Economic Espionage and Wire Fraud for Hacking into Credit Reporting Agency Equifax”, Feb 10 2020

[540] Department of Justice, “Ohio Resident Charged with Operating Darknet-Based Bitcoin ‘Mixer’, which Laundered Over $300 Million” Feb 13 2020


[544] W Diffie, ME Hellman, “Exhaustive cryptanalysis of the NBS Data Encryption Standard”, in Computer v 10 no 6 (June 77) pp 74–84


[548] R Dingledine, “Tor security advisory: "relay early" traffic confirmation attack”, Tor Blog, July 30 2014

BIBLIOGRAPHY


[552] ‘The Annual Bullying Survey 2018’, Ditch the Label


[557] C Doctorow, “SAMBA versus SMB: Adversarial interoperability is judo for network effects”, Boing Boing July 17 2019

[558] C Doctorow, “Three years after the W3C approved a DRM standard, it’s no longer possible to make a functional indie browser”, BoingBoing Jun 29 2020


[560] P Doerfler, M Marincenko, J Ranieri, J Yu, A Moscicki, D McCoy, K Thomas, “Evaluating Login Challenges and a Defense Against Account Takeover”, IW3C2 2019


[564] Z Dorfman, J McLaughlin, SD Naylor, “Exclusive: Russia carried out a ‘stunning’ breach of FBI communications system, escalating the spy game on U.S. soil”, Yahoo News Sep 16 2019


Security Engineering 971 Ross Anderson


[574] I Drury, “Pointing the finger”, in Security Surveyor v 27 no 5 (Jan 97) pp 15–17

[575] C Duckett, “Google Project Zero shifts to full 90-day disclosures to improve patch uptake”, ZDNet Jan 8 2020

[576] P Ducklin, “Why 3 million Let’s Encrypt certificates are being killed off today”, Naked security by Sophos, Mar 4 2020


[591] The Economist, “Russians are shunning state-controlled TV for YouTube”, March 7 2019

[592] The Economist, “In genetic disease, who has the right to know—or not know—what?” (“A not-so-merry dance” in the print edition), Sep 28 2019

[593] The Economist, “Why states are rushing to seal tens of millions of old criminal records” Nov 14 2019

[594] The Economist, “The financial world’s nervous system is being rewired”, May 7 2020

[595] The Economist, “America does not want China to dominate 5G mobile networks”, Apr 8 2020


[600] V Edwards, “Controversial artist Spencer Tunick protests the Facebook and Instagram ban on female nipples with a gathering of nude models in New York City”, Daily Mail June 2 2019


[613] EMV documents available from EMVCo LLP at http://www.emvco.com/


[623] ‘CYBER; Cyber Security for Consumer Internet of Things’, ETSI EN 303 645 v 2.0.0, Nov 26 2019


[629] European Telecommunications Standards Institute, ‘CYBER; Cyber Security for Consumer Internet of Things: Baseline Requirements’, ETSI EN 303 645 V2.1.0 (2020–04)


[631] European Union, ‘Directive on the retention of data generated or processed in connection with the provision of publicly available electronic communications services or of public communications networks’, 2006/24/EC


[637] European Union, RAPEX A12/0157/19, Safety Gate Rapid Alert System for dangerous non-food products, Feb 2019

[638] European Union, ‘ENISA (the European Union Agency for Cybersecurity) and on information and communications technology cybersecurity certification and repealing Regulation (EU) No 526/2013 (Cybersecurity Act)’, Apr 17 2019

Security Engineering 975 Ross Anderson


[641] R Evans, “Trade unionist was refused job after police gave details to blacklist” The Guardian Mar 7 2019


[643] C Farivar, “Russian man pleads guilty, admits he ran notorious Kelihos botnet” Ars Technica Sep 13 2018

[644] K Faulkner, P Bentley, L Osborne, “Your secrets for sale: Now the NHS is in the dock after it’s revealed details of patients who bought prescriptions online are sold off”, Daily Mail


Security Engineering 976 Ross Anderson


[667] PFJ Fillery, AN Chandler, “Is lack of quality software a password to information security problems?”, in IFIP SEC 94 paper C8

[668] “FCA fines RBS, NatWest and Ulster Bank Ltd £42 million for IT failures”, Financial Conduct Authority, Nov 20 2014

[669] “Final Notice, Tesco Personal Finance plc, Reference Number 186022”, Financial Conduct Authority, Oct 1 2018


[671] “Psychologists and banks clash over merits of photographs on cards”, in Financial Technology International Bulletin v 13 no 5 (Jan 96) pp 2–3

A Finkelstein, M Shattuck, “CAPSA and its implementation: Report to the Audit Committee and the Board of Scrutiny, University of Cambridge”, Cambridge University Reporter No 5861, Nov 2 2001


J Flanagan, “Prison Phone Phraud (or The RISKS of Spanish)”, reporting University of Washington staff newspaper, in comp.risks v 12.47; at http://catless.ncl.ac.uk/Risks/20.69.html

M Fleet, “Five face sentence over notes that passed ultraviolet tests”, in The Daily Telegraph (23/12/1999), available at http://www.telegraph.co.uk:

N Fletcher, “Barclays boss Jes Staley fined £642,000 over whistleblower scandal”, The Guardian May 11 2018


“Target’s CEO Steps Down Following The Massive Data Breach And Canadian Debacle”, Forbes, May 8 2014

J Ford, T Kinder, “After Wirecard: is it time to audit the auditors?”, Financial Times Jul 3 2020


S Forrest, SA Hofmeyr, A Somayaji, “Computer Immunology”, in Communications of the ACM v 40 no 10 (Oct 97) pp 88–96


BIBLIOGRAPHY


[691] B Fox, “Do not adjust your set . . . we have assumed radio control”, in New Scientist 8 Jan 2000


[693] L Franceschi-Bicchierai, “AT&T Contractors and a Verizon Employee Charged With Helping SIM Swapping Criminal Ring” Vice May 31 2019


[698] “Banks fingerprint customers to cut cheque fraud”, in Fraud Watch (1997) no 1 pp 9

[699] “Chip cards reduce fraud in France”, in Fraud Watch (1996) no 1 p 8

[700] “Counterfeit and cross border fraud on increase warning”, in Fraud Watch (1996) no 1 pp 6–7

[701] “Finger minutiae system leaps the 1:100,000 false refusal barrier”, in Fraud Watch (1996) no 2 pp 6–9

[702] “Widespread card skimming causes European concern”, in Fraud Watch (1997) v 3 pp 1–2


[711] N Frost, “How the McDonnell Douglas-Boeing merger led to the 737 Max crisis”, Quarts, Jan 3 2020


[715] M Galecotti, “Russia’s eavesdroppers come out of the shadows”, in Jane’s Intelligence Review v 9 no 12 (Dec 97) pp 531–535


[725] J Gamblin, “Nearly 20% of the 1000 Most Popular Docker Containers Have No Root Password”, Kenna Security Blog May 20 2019


[728] HC Gao, JX Yan, F Cao, ZY Zhang, L Lei, MY Tang, P Zhang, X Zhou, XQ Wang, JW Li, “A Simple Generic Attack on Text Captchas”, *NDSS 2016*


[741] J Germain, “And we return to Munich’s migration back to Windows aÂ¦ it’s going to cost what now?! €100m!” *The Register* Jan 4 2018


[745] D Gilbert, “If only gay sex caused global warming”, *LA Times*, July 2 2006


[756] I Goldberg, D Wagner, “Randomness and the Netscape browser”, in Dr Dobbs Journal no 243 (Jan 96) pp 66–70


[769] D Goodin, “TJX agrees to pay banks $41m to cover Visa losses”, in The Channel Register, Dec 3 2007


[772] D Goodin, “How 3ve’s BGP hijackers eluded the Internet—and made $29M”, Ars Technica Dec 21 2018

[773] D Goodin, “Developer of Checkm8 explains why iDevice jailbreak exploit is a game changer”, Ars Technica Sep 28 2019

[774] D Goodin, “Five months after returning rental car, man still has remote control”, Ars Technica, Oct 28 2019

[775] D Goodin, “Forum cracks the vintage passwords of Ken Thompson and other Unix pioneers”, Ars Technica Oct 10 2019


[777] D Goodin, “Kingpin of Evil Corp lived large. Now there’s a $5 million bounty on his head”, Ars Technica Dec 5 2019


[793] A Greenberg, “The Untold Story of NotPetya, the Most Devastating Cyberattack in History”, *Wired* Aug 22 2018


[803] H Griffiths, “Car crime rises again with 113,000 vehicles stolen last year”, *Auto Express* Apr 25 2019
H Griffiths, N Willis, “Klein Heidelberg – a WW2 bistatic radar system that was decades ahead of its time” (2010), at https://www.cdvandt.org/k-h.htm


P Grother, M Ngan, K Hanaoka, ‘Face Recognition Vendor Test (FRVT)’ NIST IR 2871, Sep 11 2019


D Gruhl, W Bender, “Information Hiding to Foil the Casual Counterfeiter”, in Proceedings of the Second International Workshop on Information Hiding (Portland, Apr 98), Springer LNCS v 1525 pp 1–15


M Gurman, “Apple Lets Some Video Apps Sell Shows Without Taking 30% Cut”, Bloomberg, Apr 1 2020


[828] C Hagen, C Weinert, S Sendner, A Dimitrienko, T Schneider, “All the Numbers are US: Large-scale Abuse of Contact Discovery in Mobile Messengers”, University of Würzburg, 2020


[832] JA Halderman, N Heninger, “How is NSA breaking so much crypto?” Oct 14 2015, Freedom to Tinker


Security Engineering 986 Ross Anderson


[842] R Hanson, “Can wiretaps remain cost-effective?”, in Communications of the ACM v 37 no 12 (Dec 94) pp 13–15


[848] D Harz, “Stealing All of Maker’s Collateral”, Medium Feb 20 2020


[851] Health and Human Services, ‘Standards for Privacy of Individually Identifiable Health Information’, HHS 45 CFR parts 160â§164, 65 Federal Register at 82461â§82,510; see also 82,777–82,779

[852] ‘HSE Team Inspection of the Control and Supervision of Operations at BNFL’s Sellafield Site’, Health and Safety Executive, 2000


[863] ER Henry, ‘Classification and Uses of Finger Prints’ George Rutledge & Sons, London, 1900


[867] Herodotus, ‘Histories’; Book 1 123.4, Book 5 35.3 and Book 7 239.3


[886] H Hodson, ‘DeepMind and Google: the battle to control artificial intelligence’, The Economist 1848 April/May 2019


[895] BD Hong, SW Bae, YD Kim, “GUTI Reallocation Demystified: Cellular Location Tracking with Changing Temporary Identifier” NDSS 2018
N Hopkins, “Ofgem exploited national security law to silence us, whistle- blowers claim”, The Guardian Sep 17 2018


M Horton, “Historical drivers’ hours offences: 1 year on”, Moving On Mar 20 2019


Q Hu, JY Yang, Q Zhang, K Liu, XJ Shen, “An automatic seal imprint verification approach”, in Pattern Recognition v 28 no 8 (Aug 95) pp 251–266


G Huber, “CMW Introduction”, in ACM SIGSAC v 12 no 4 (Oct 94) pp 6–10

M Hughes, “Smart fridges are cool, but after a few short years you could be stuck with a big frosty brick in the kitchen’, The Register Jun 8 2020


[918] “Role of Communications in Operation Desert Storm”, in IEEE Communications Magazine (Special Issue) v 30 no 1 (Jan 92)


[920] “Pink Death Strikes at US West Cellular”, in Information Security Monitor v 9 no 2 (Jan 94) pp 1–2


Security Engineering 991 Ross Anderson

[933] Information Commissioner’s Office, ‘Investigation into the use of data analytics in political campaigns’, July 11 2018

[934] Information Commissioner’s Office, ‘Mobile phone data extraction by police forces in England and Wales’, June 2020


[941] R Iyengar, “Apple will pay up to $500 million to settle lawsuit over slowing down older iPhones”, CNN Mar 2 2020


[943] I Jackson, personal communication


[945] B Jacobs, “Maximator: European signals intelligence cooperation, from a Dutch perspective”, Journal of Intelligence and National Security Apr 7 2020


Security Engineering 992 Ross Anderson


[958] R Jenkins, “Hole-in-wall thief used MP3 player”, in The Times Nov 15 2006; at http://www.timesonline.co.uk/article/0,,29389-2453590,00.html


[969] Dorothy Judd v Citibank, 435 NYS, 2d series, pp 210–212, 107 Misc.2d 526


[973] B Kahle, “Libraries have been bringing older books to digital learners: Four publishers sue to stop it”, Internet Archive Blogs, July 22 2020


[976] D Kahn, “Soviet Comint in the Cold War”, in Cryptologia v XXII no 1 (Jan 98) pp 1–24


[979] L Kehney, “The FBI Wanted a Backdoor to the iPhone. Tim Cook Said No”, Wired Apr 16 2019


[998] A Katwala, “The race to create a perfect lie detector – and the dangers of succeeding” The Guardian Sep 5 2019


[1021] T Kinder, “Regulator outlines plans to break up Big Four accounting firms”, Financial Times Feb 27 2020

[1022] T Kinder, “Big Four told to outline plans for audit split by October”, Financial Times Jul 6 2020

[1023] T Kinder, D McCrum, “EY fights fires on three audit cases that threaten its global reputation”, Financial Times Jun 8 2020


Security Engineering 997 Ross Anderson


[1055] K Korosec, “VW fires jailed Audi CEO Rupert Stadler” Techcrunch Oct 2 2018


Security Engineering 998 Ross Anderson
[1068] HM Kriz, “Phreaking recognised by Directorate General of France Telecom”, in Chaos Digest 1.03 (Jan 93)
[1070] H Kuchler, “Can we ever trust Google with our health data?”, Financial Times Jan 20 2020

Security Engineering 999 Ross Anderson
[1079] D Kundaliya, “Android devices are being increasingly targeted by undeletable adware, researchers warn’, Computing July 7 2020

[1080] L Kuo, “Chinese surveillance company tracking 2.5m Xinjiang residents”, in The Guardian Feb 18 2019


[1085] ‘L0phtCrack 2.52 for Win95/NT’, at http://www.l0pht.com/l0phtcrack/


[1089] L Lamont, “And the real Lotto winner is ... that man at the cash register”, Sydney Morning Herald, May 3 2007


[1091] L Lamport, Email message sent to a DEC SRC bulletin board at 12:23:29 PDT on 28 May 1987. Link No. 75,


BIBLIOGRAPHY


[1106] D Leloup, M Untersinger, “Comment les services de renseignement font la chasse aux employés des télécoms”, Le Monde Dec 8 2016


[1112] G Leurant, T Peyrin, “SHA-1 is a Shambles: First Chosen-prefix Collision and Application to the PGP Web of Trust”, IACR Preprint 2020-014, Jan 7 2020


NG Leveson, ‘Safeware – System Safety and Computers’, Addison-Wesley (1995), and in particular the appendix, “Medical Devices – The Therac-25”


S Levitt, SJ Dubner, ‘Freakonomics: A Rogue Economist Explores the Hidden Side of Everything,’ William Morrow, 2005


J Leyden, “Italy tops global wiretap league”, in The Register, Mar 7 2007; at http://www.theregister.co.uk/2007/03/07/wiretap_trends_ss8/


J Leyden, “MySpace phishing scam targets music fans”, in The Register, Oct 14 2006; at http://www.theregister.co.uk/2006/10/14/myspace_phishing_scam/

MY Li, Y Meng, JY Liu, HJ Zhu, XH Liang, Y Liu, N Ruan, “When csi meets public wifi: Inferring your mobile phone password via wifi signals”, CCS 2016 pp 1068–1079


S Liao “Spyware app abused iOS enterprise certificate to track targets” *The Verge*, Apr 8 2019


A Liptak, “Hackers reportedly used a tool developed by the NSA to attack Baltimore’s computer systems”, *The Verge* May 25 2019


FF Liu, Y Yarom, Q Ge, G Heiser, RB Lee, “Last-Level Cache Side-Channel Attacks are Practical” *IEEE Symposium on Security and Privacy* 2015


WF Lloyd, ‘Two Lectures on the Checks to Population’, Oxford University Press (1833)


N Lomas, “Targeted ads offer little extra value for online publishers, study suggests”, *Techcrunch* May 31 2019


[1156] B Lovejoy, “Apple being sued for refusing to help iTunes gift card scam victims”, 9to5Mac Jul 20 2020


[1159] I Lunden, “Apple fined record $1.2B in France over anti-competitive sales practices” TechCrunch Mar 16 2020


[1165] E MacAskill, J Borger, N Hopkins, N Davies, J Ball, “GCHQ taps fibre-optic cables for secret access to world’s communications”, June 21 2013


Security Engineering 1004 Ross Anderson


[1176] F Main, “Your phone records are for sale”, Chicago Sun-Times, Jan 5 2006


[1198] AG Martínez, “How Trump Conquered Facebook—Without Russian Ads”, Wired Feb 23 2018


[1203] S Matala, T Nyman, N Asokan, “Historical insight into the development of Mobile TEEs ”, Aalto University Secure Systems Group blog, June 20 2019


V Mavroudis, P Svenda, “JavaCard: The execution environment you didn’t know you were using”, Software Sustainability Institute July 13 2018


K McCarthy, “Here’s that hippie, pro-privacy, pro-freedom Apple y’all so love: Hong Kong protest safety app banned from iOS store”, The Register, Oct 2 2019

K McCarthy, “The Internet of Things is a security nightmare reveals latest real-world analysis: unencrypted traffic, network crossover, vulnerable OSes”, The Register, Mar 11 2020


BIBLIOGRAPHY


[1230] E McGaughey, “The extent of Russian-backed fraud means the referendum is invalid”, LSE Nov 14 2018


BIBLIOGRAPHY


Security Engineering 1009 Ross Anderson
BIBLIOGRAPHY


[1260] M Mesa, “Phish Scales: Malicious Actor Combines Personalized Email, Variety of Malware To Target Execs”, ProofPoint Apr 5 2016


[1265] R Meyer-Sommer, “Smartly analyzing the simplicity and the power of simple power analysis on Smartcards”, in Workshop on Cryptographic Hardware and Embedded Systems (2000); Springer LNCS v 1965 pp 78–92


[1278] GA Miller, “The Magical Number Seven, Plus or Minus Two: Some Limits on our Capacity for Processing Information”, in Psychological Review v 63 (1956) pp 81-97
BIBLIOGRAPHY


[1284] “BBC fined £400,000 by Ofcom for fake competitions”, Daily Mirror July 30 2008


[1292] “Card fraud nets Esc6 billion’, F Mollet, Cards International (22/9/95) p 3


Security Engineering 1011 Ross Anderson


[1304] B Morgan, “Strip club which gave client £50k bill loses license” Evening Standard Jan 31 2020


[1306] R Morris, Invited talk, Crypto 95


[1313] S Mukherjee, “What the Coronavirus Crisis Reveals About American Medicine”, New Yorker 27 April 2020


Security Engineering 1013 Ross Anderson


[1350] National Audit Office, ‘Rolling out smart meters’, Nov 23 2018


National Institute of Standards and Technology, ‘Data Encryption Standard (DES)’ FIPS 46-3, Nov 1999 incorporating upgrade to triple DES


National Institute of Standards and Technology, ‘Digital Signature Standard (DSS)’, FIPS 186-3, draft, Mar 2006


National Institute of Standards and Technology, ‘Recommendation for Block Cipher Modes of Operation: Galois/Counter Mode (GCM) and GMAC’ NIST Special Publication 800-38D, November 2007


[1375] J Naughton, “Facebook’s Vassal State”, in Memex 1.1 March 5, 2019


[1381] RM Needham, “Naming”, in [1315], pp 318–127


Security Engineering 1016 Ross Anderson


C Newton, “The Trauma Floor”, The Verge, Feb 25, 2019

C Newton, “Mark Zuckerberg says Facebook will shift to emphasize encrypted ephemeral messages”, The Verge, Mar 6 2019

J Newton, “Countering the counterfeiter”, in Cards International (21/12/94) p 12


“The Vanishing Salad Oil: A $100 Million Mystery”, New York Times Jan 6 1964

Andrew Ng, “How the Equifax hack happened, and what still needs to be done”, Cnet Sep 7 2018

S Nichols “Silence of the WANs: FBI DDoS-for-hire greaseball takedowns slash web flood attacks ‘by 11%’ ” The Register 19 Mar 2019

S Nichols “Apple drops a bomb on long-life HTTPS certificates: Safari to snub new security certs valid for more than 13 months”, The Register Feb 20 2019

SJ Nightingale, H Farid, “Assessing the reliability of a clothing-based forensic identification”, PNAS Jan 15 2020


BIBLIOGRAPHY


[1411] ‘White Paper – 5g Evolution and 6g’, NTT Docomo, January 2020


[1424] “Nicht nachmachen: Dieser Vignetten-Trick kostet Sie 300 Euro”, Online Focus, June 12 2015

[1431] A Orlowski, “UK spy agency warns Brit telcos to flee from ZTE gear”, The Register April 16 2018
[1435] B Osborn, J McWilliams, B Beyer, M Saltonstall, “BeyondCorp – Design to Deployment at Google”, ;login: (Spring 2016) v 41 no 1
[1436] C Osborne, “University of California SF pays ransomware hackers $1.14 million to salvage research”, ZDNet, Jun 30 2020


[1462] PeckShield, “bZx Hack Full Disclosure (With Detailed Profit Analysis)”, Medium Feb 17 2020

Security Engineering 1020 Ross Anderson
BIBLIOGRAPHY

[1478] GE Pickett, “How do you select the ‘right’ security feature(s) for your company’s products?”, in Optical Security and Counterfeit Deterrence Techniques II (1998), IS&T (The Society for Imaging Science and Technology) and SPIE (The International Society for Optical Engineering) v 3314
[1481] L Pinault, ‘Consulting Demons’, Collins 2000

Security Engineering 1021  Ross Anderson


[1485] *Politech* mailing list, was at http://www.politechbot.com/


[1488] R Porter, “Google fined €50 million for GDPR violation in France” *The Verge* Jan 21 2019


[1492] P Postma, “Military And Intelligence Personnel Can Be Tracked With The Untapppd Beer App”, *Bellingcat* May 18, 2020


[1494] S Poulter, “Phone firm’s whistleblower says his life has been made a misery”, in *The Daily Mail* Jun 21 2007


[1499] President’s Council of Advisers on Science and Technology, ‘*Big Data and Privacy: A technological perspective*’, May 1 2014


W Pritchard, “Lockdown was a boon for Spotify. Now musicians are fighting back”, Wired, Jul 19 2020


Public Accounts Committee, ‘Ministry of Defence nuclear programme’, Sep 2018

Public Lending Right (PLR), at http://www.writers.org.uk/guild/Crafts/Books/PLRBody.html


Z Quinn, ‘Crash Override’, Hachette 2017


[1524] R Ramesh, “Online tool could be used to identify public figures’ medical care, say critics” The Guardian Mar 17 2014


[1548] M Reynolds, “The strange story of Section 230, the obscure law that created our flawed, broken internet”, Wired Mar 24 2019


[1552] T Richter, S Escher, D SchÃ¼nfeld, T Strufe, “Forensic Analysis and Anonymisation of Printed Documents” IH@MMSec ’18 pp 127–138


Security Engineering 1025 Ross Anderson


[1559] J Rogers, “FAKE FIVER: Shopper’s warning after being handed this fake £5 note ndash; but is it counterfeit?”, The Sun May 13 2018

[1560] WP Rogers, NA Armstrong, DC Acheson, EE Covert, RP Feynman, RB Hotz, DJ Kutyna, SK Ride, RW Rummel, JF Sutter, ABC Walker, AD Wheelon, CB Yeager, AG Keel, ‘Report to the President by the Presidential Commission on the Space Shuttle Challenger Accident’ June 6 1986


[1563] K Rooney, “Majority of bitcoin trading is a hoax, new study finds” CNBC Mar 22 2019


[1570] “Card fraud plummets in France”, M Rowe, Banking Technology (May 94) p 10

[1571] T Rowland, “Ringing up the wrong numbers”, in The Guardian May 18 2006; at http://www.guardian.co.uk/media/2006/may/18/newmedia.technology


[1592] P Samuelson, “Copyright and digital libraries”, in *Communications of the ACM* v 38 no 4, April 1995


[1603] E Van der Sar, “BitTorrent ‘Copyright Troll’ Lawsuits Skyrocket In Sweden”, Torrentfreak Feb 14 2020


Schumpeter, “Live-streaming will change rock ’n’ roll for the better”, The Economist, Jun 17 2020

K Schwab, “How googly eyes solved one of today’s trickiest UX problems” Fast Company Aug 27 2019


N Scola. “Kamala Harris’ Crusade Against ‘ Revenge Porn ‘ “, Politico Feb 1 2019


M Seaborn, T Dullien, “Exploiting the DRAM rowhammer bug to gain kernel privileges”, Google project zero blog Mar 9 2015


E Selleck, “Apple’s App Store is Populated With Gambling and Other Apps That Abuse Enterprise Certificates”, iPhone Hacks, Feb 12 2019


Security Engineering 1030 Ross Anderson
BIBLIOGRAPHY


Security Engineering 1031 Ross Anderson
BIBLIOGRAPHY


[1679] N Silvester, “Doctor who hacked into Prime Minister’s health records escapes prosecution”, Daily Record Jan 10 2012

[1680] C Simion, C Gates, J Bonneau, S Goel, “‘I was told to buy a software or lose my computer. I ignored it’: A study of ransomware”, SOUPS 2019

[1681] Luther Simjian – Inventor of the Week, at https://lemelson.mit.edu/resources/luther-george-simjian

[1682] D Simmons, “BBC fools HSBC voice recognition security system”, BBC May 19 2017

Security Engineering 1032 Ross Anderson

GJ Simmons, “A system for verifying user identity and authorization at the point-of sale or access,” Cryptologia v 8 no 1 (1984) pp 1–21

GJ Simmons, “How to Insure that Data Acquired to Verify Treaty Compliance are Trustworthy”, GJ Simmons, Proceedings of the IEEE v 76 no 5 (1988; reprinted as a chapter in [1686])


GJ Simmons, “An Introduction to Shared Secret and/or Shared Control Schemes and Their Application”, in [1686] pp 441–497


GJ Simmons, ‘Subliminal Channels; Past and Present’, European Transactions on Telecommunications v 5 no 4 (Jul/Aug 94) pp 459–473


L Simon, WD Xu, RJ Anderson, “Don’t interrupt me while I type: Inferring text entered through gesture typing on android keyboards” PoPETs 2016 v 3 pp 136–154

R Singel, “Yahoo Outed Chinese Dissident Knowing Investigation Was Political, Documents Show – UPDATED”, in Wired July 31 2007

R Singel, “Point, Click ... Eavesdrop: How the FBI Wiretap Net Operates”, in Wired Aug 29 2007

R Singel, “Encrypted E-Mail Company Hushmail Spills to Feds”, in Wired Nov 7 2007

N Singer, A Krolik, “Grindr and OkCupid Spread Personal Details, Study Says”, EarthInfo Now Jan 14 2019


[1713] SP Skorobogatov, “Flash Memory ‘Bumping’ Attacks”, CHES 2010


[1716] SP Skorobogatov, “The bumpy road towards iPhone 5c NAND mirroring”, arXiv:1609.04327, Sep 14 2016; and see project page at https://www.cl.cam.ac.uk/~sps32/5c_proj.html


[1722] SP Skorobogatov, C Woods. “In the blink of an eye: There goes your AES key” IACR Preprint 2012/296


[1728] A Smith, “New fake £20 notes ‘trick shop assistants then peel off within a week’”, Metro Nov 15 2018


[1735] T Snyder, ‘The Road to Unfreedom’, Bodley Head 2018
BIBLIOGRAPHY


Security Engineering 1036 Ross Anderson


[1761] S Staniford, D Moore, V Paxson, N Weaver, “The Top Speed of Flash Worms”, in WORM04


[1763] N Statt, “Fortnite for Android will ditch Google Play Store for EpicÂ’s website”, The Verge Aug 3 2018


[1776] J van der Straaten, “So You Think Digital is the Future? Your Internet Data is Rotting”, Researchgate May 2019


[1784] Suetonius (Gaius Suetonius Tranquillus), ‘Vitae XII Caesarum’, translated into English as ‘History of twelve Caesars’ by Philemon Holland, 1606; Nutt (1899)


Security Engineering 1038 Ross Anderson


[1802] C Tavris, E Aronson, ‘Mistakes were made – but not by me’ Harcourt 2007


[1806] J Temperton, “Inside Sellafield: how the UK’s most dangerous nuclear site is cleaning up its act”, Wired, 17 September 2016

[1807] S Tendler, N Nuttall, “Hackers run up £1m bill on Yard’s phones”, in The Times, 5 Aug 1996


[1825] I Thomson, “Talk about unintended consequences: GDPR is an identity thief’s dream ticket to Europeans’ data”, in The Register Aug 9 2019


Security Engineering 1040 Ross Anderson

[1830] MW Tobias, “Opening locks by bumping in five seconds or less: is it really a threat to physical security?”, 2006, at https://www.securitylaboratories.org/


[1839] A Travis, “Man who escaped mosque in burqa was under counter-terror restrictions”, in The Guardian Nov 5 2013


[1847] JD Tygar, BS Yee, N Heintze, “Cryptographic Postage Indicia”, in ASIAN '96 (Springer-Verlag LNCS v 1179) pp 378–391, CMU tech report CMU-CS-96-113

[1848] D Uberti, “Facebook Went to War Against White Supremacist Terror After Christchurch. Will It Work?” Vice Oct 3 2019

[1849] R Uhlig, “BT admits staff could have fiddled system to win Concorde trip”, in The Daily Telegraph (23/7/1997)


[1856] UPI newswire item, Oklahoma distribution, November 26, 1983, Tulsa, Oklahoma


[1861] US Immigration and Customs Enforcement, ‘Russian national pleads guilty for role in transnational cybercrime organization responsible for more than $568 million in losses’, Jun 29 2020


[1863] S Usborne, “How did Tesla make some of its cars travel further during Hurricane Irma?”, The Guardian Sep 11 2017

Security Engineering 1042 Ross Anderson
[1864] S Vaidhyanathan, “Facebook’s new move isn’t about privacy. It’s about domination”, The Guardian March 7 2019


[1867] L van Hove, “Electronic Purses: (Which) Way to Go?”, in First Monday v 5 no 7 (June 2000)


[1870] R van Renesse, “Verifying versus falsifying banknotes”, in Optical Security and Counterfeit Deterrence Techniques II (1998), IS&T (The Society for Imaging Science and Technology) and SPIE (The International Society for Optical Engineering) v 3314, pp 71–85


[1880] H Varian, Keynote address to the Third Digital Rights Management Conference, Berlin, Germany, January 13, 2005

BIBLIOGRAPHY

[1882] M Vass, “ ‘Spearmint Rhino took my teen son’s money while he was at home in bed’ – more complain about lap dancing club” Bournemouth Daily Echo Nov 15 2014


[1898] PR Vizcaya, LA Gerhardt, “A Nonlinear Orientation Model for Global Description of Fingerprints”, in Pattern Recognition v 29 no 7 (July 96) pp 1221–1231


[1900] L von Ahn, personal communication, 2006

Security Engineering 1044 Ross Anderson
BIBLIOGRAPHY


[1907] J Walker, “IC Surgery: getting to the heart of the problem with the smallest scalpel” em HardwearIO (2019) at https://youtu.be/o1We1o3tWMc


[1928] N Weaver, “Our Government Has Weaponized the Internet. Here’s How They Did It”, Wired Nov 13 2013


Security Engineering 1046 Ross Anderson


[1946] E Whitaker, “At SBC, It’s All About ‘Scale and Scope’”, in Business Week Nov 7 2005


[1949] Z Whittaker, “Hackers are stealing years of call records from hacked cell operators”, Techcrunch, June 25 2019


[1957] TA Williams, “Peaceful left-wing activist, 94, with no criminal record wins eight-year battle to wipe details of his 66 anti-war, poll tax and tuition fees protests from police ‘extremism’ database”, Daily Mail Jan 24 2019


Security Engineering 1048 Ross Anderson


[1976] DB Wright, AT McDaid, “Comparing system and estimator variables using data from real line-ups”, in Applied Cognitive Psychology v 10 no 1 pp 75–84


Security Engineering 1049 Ross Anderson


