



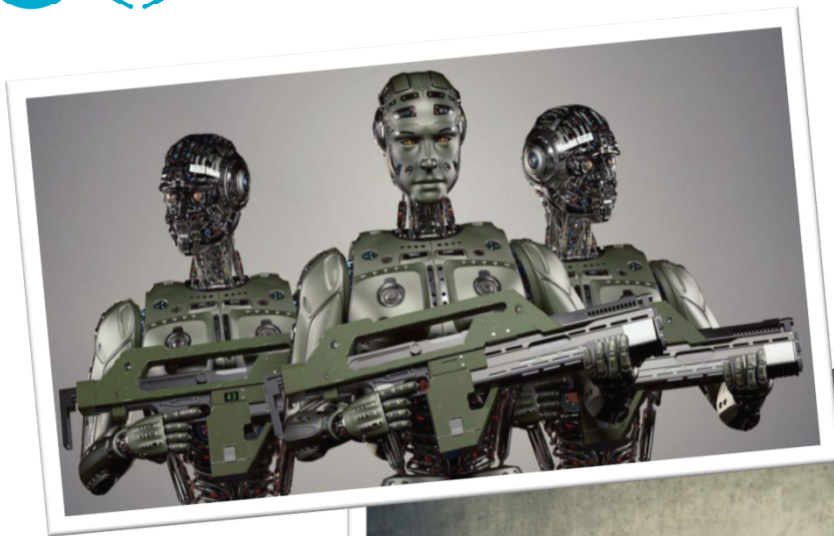
Linking the human in the cyber loop

Dr Marthie Grobler

Australia's National Science Agency

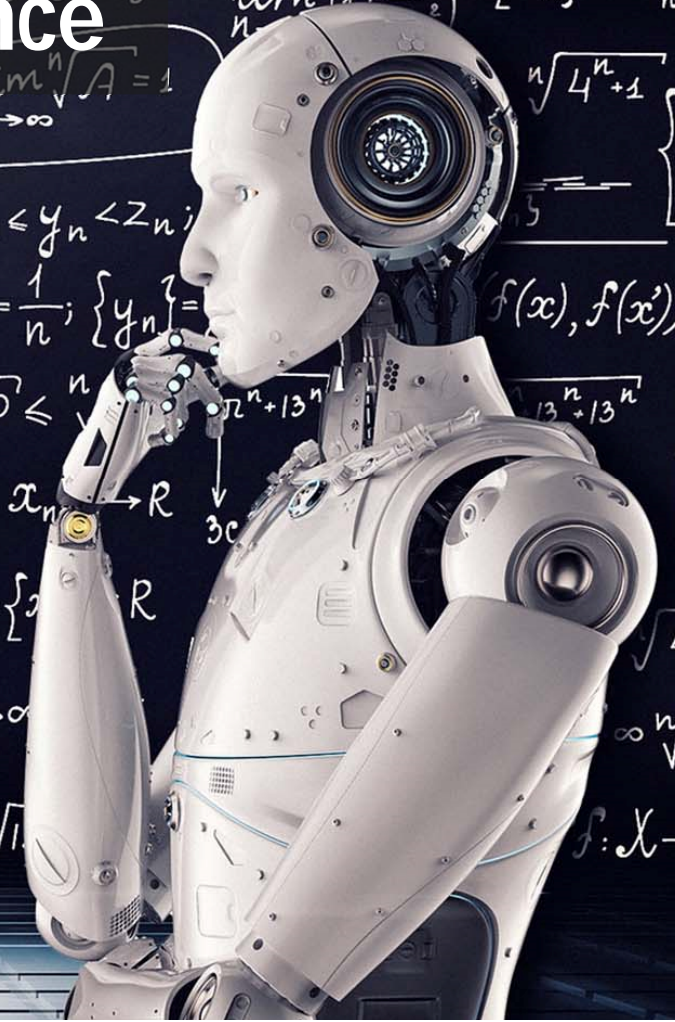


Human out of the loop



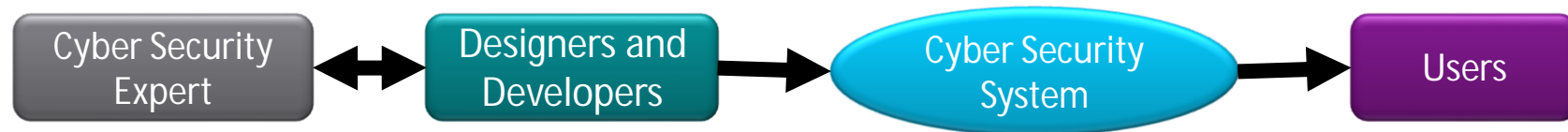


Collaborative intelligence

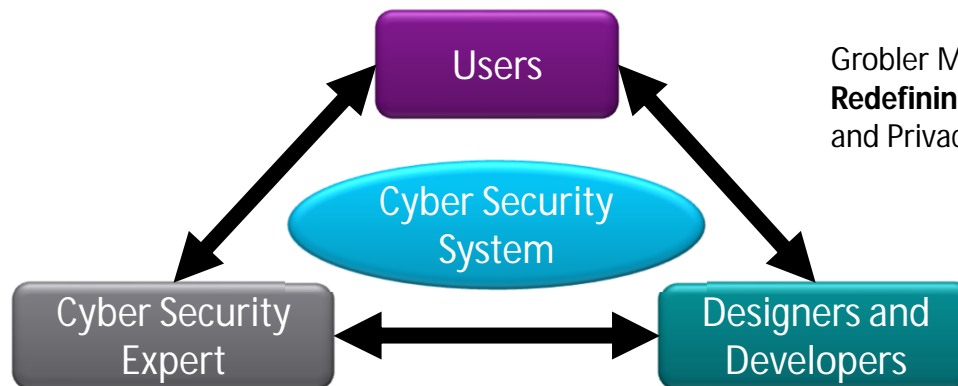


Human centric security

Traditional view of human centric cyber security — one-size-fits-all systems



Paradigm shift in human centric cyber security — customisable tailored systems



Grobler MM, Gaire R & Nepal S. 2020. **User, Usage and Usability: Redefining Human Centric Cyber Security.** *In Press*. Cybersecurity and Privacy, a section of the journal Frontiers in Big Data.



Users

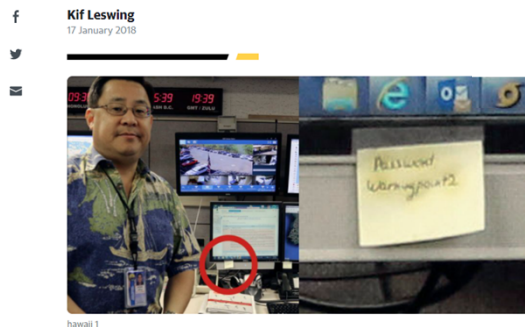


Abbreviation Finder



Crime and corruption in the 4th industrial revolution

BUSINESS INSIDER Business Insider
March 2017 | EXPERT BRIEFING | FRAUD & CORRUPTION
financierworldwide.com
A password for the Hawaii emergency agency was hiding in a public photo, written on a Post-it note



Twitter confirms phone spear-phishing attack behind high-profile bitcoin scam

Twitter's latest update through its security account notes that it was a phone spear-phishing attack that led to the bitcoin scam.



Yasmin Ahmed
New Delhi
July 31, 2020 UPDATED: July 31, 2020 17:43 IST



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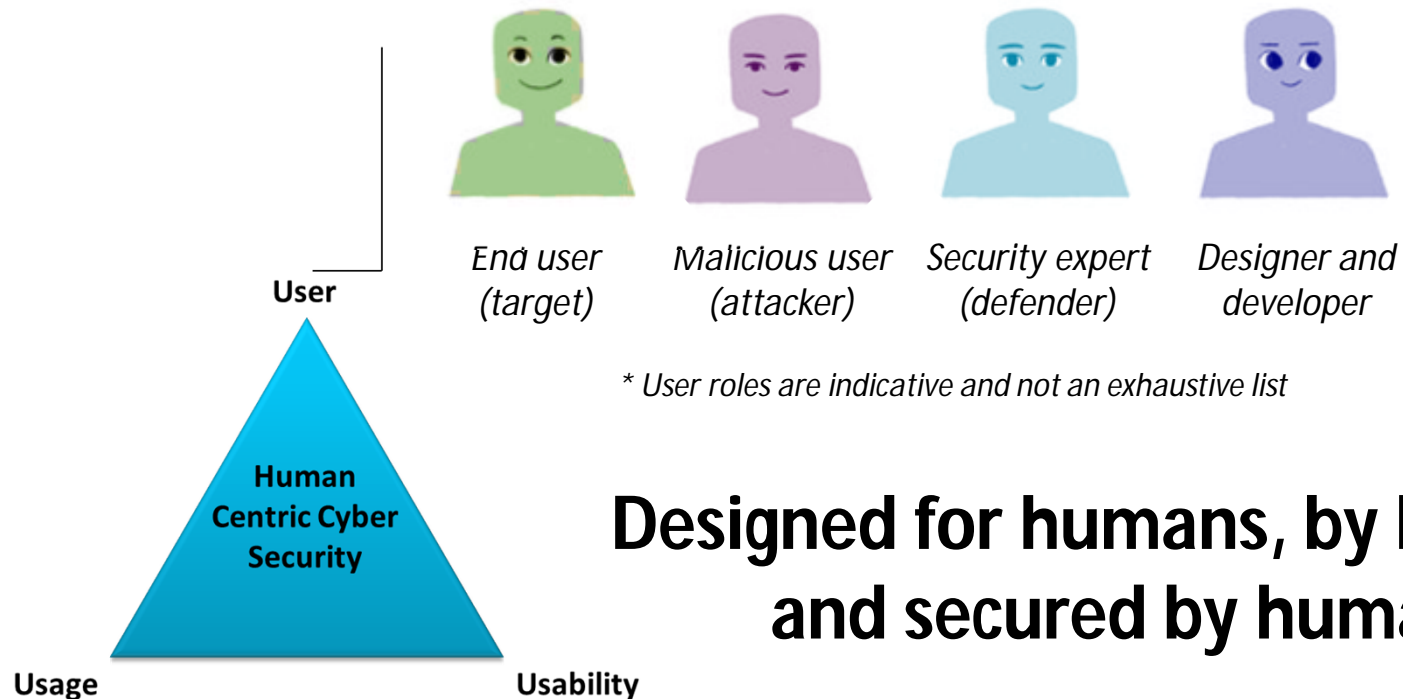


Half of Internet Users Fall Victim to Cyber Attacks

by Alina Bizga on June 29, 2020



3U model



**Designed for humans, by humans,
and secured by humans**

Grobler MM, Gaire R & Nepal S. 2020. **User, Usage and Usability: Redefining Human Centric Cyber Security.** *In Press.* Cybersecurity and Privacy, a section of the journal Frontiers in Big Data.



Thank you

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