

How can you create a resilient biometric system?

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I think it's important that we all remember that biometrics are a form of cyber security and no system of cyber security is ever perfect or invulnerable. There are always defects and exploits in any system. Accepting that we understand that it's necessary to have means of monitoring the performance of a cybersecurity system, detecting the exploits and the flaws as quickly as possible and correcting them. Only that kind of evolutionary approach can provide the necessary adaptive security to provide ongoing resilient security. Exactly the same is true for biometrics as it is for any other form of cyber security. There is no form of genuine presence assurance, which is today will be tomorrow and will forever be invulnerable to the ceaselessly, developing attacks that criminals and national governments, develop.

Understanding that it means the key to the security of biometrics is not demonstrative performative testing, but it's the backend systems and business processes that continuously monitor the performance of a biometric system that look ceaselessly for evidence or signs of weakness. That work to detect those imperfections, that analyze them when they come to light and enable the system to evolve and to change. So that when vulnerabilities come to light, they can be fixed. So that these imperfect systems made by man at least adapt as people do and provide a security that is resilient today, tomorrow and into the future.