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Heading: Multi-Factor authentication verses 2-Factor Authentication, why you may need both

Sub-heading: How CJIS is Developing the Next Generation of Authentication

Two-factor authorization, (2FA), is always a double check process, often a combination of a password and a code, or an ATM PIN and a debit or credit card, for example. Multi-factor authentication, (MFA), however, can be two process or more. Greater than three is usually the limit of inconvenience people are willing to go through, but for sensitive, secret or top secret information, security managers can and do implement several processes to ensure identity and avoid breaches. Eye scans, biometrics and voice recognition are just a few such methods. IOS and Android have been using fingerprint authentication for several years and have implemented facial recognition software making this technology available to the general public, where once it was only available to those in high tech and government sectors.

Authentication processes will need to continually evolve in complexity to stay ahead of sophisticated hackers. CJIS's Next Generation Identification (NGI) is largely responsible for the many advances in the field including eye scan, voice and face recognition and palm detection technologies.