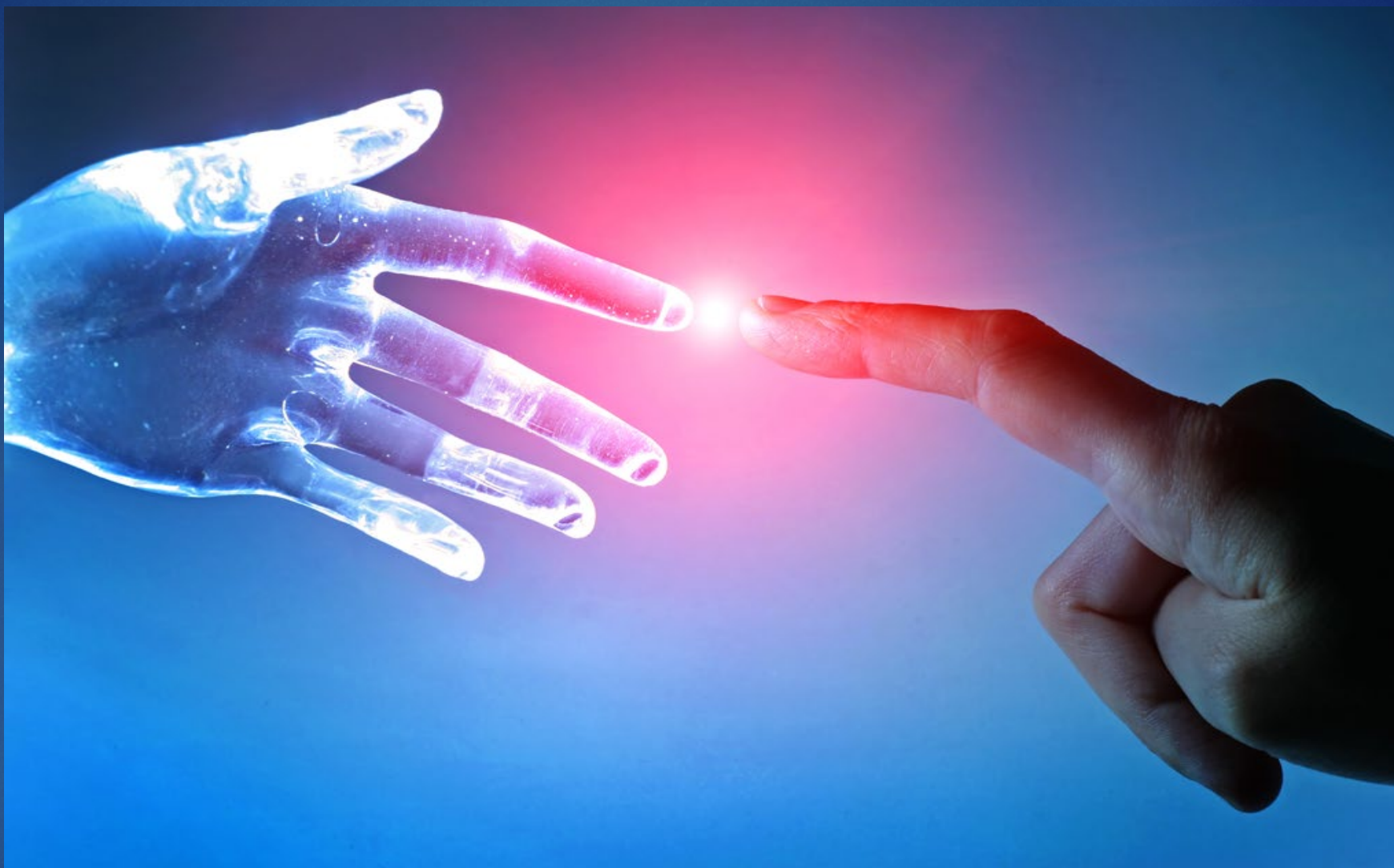




Cyber Security: What You Need To Know

KELVIN COLEMAN
CEO & EXECUTIVE DIRECTOR
NATIONAL CYBER SECURITY ALLIANCE





Defense Advance Research Projects Agency DARPA

Small, organized and technically proficient groups will be able to confront current standing nations... and may succeed.

Counterterrorism Report

Defense Advance Research Projects Agency DARPA

Small, organized and technically proficient groups will be able to confront current standing nations... and may succeed.

Counterterrorism Report

1980

Post Office Department

WASHINGTON

January 17, 1949.

ORDER NO. 39606

It having been made to appear to the Postmaster General, upon evidence satisfactory to him, that

"PRINCE RICHARD, ONIKOYI OF IKOYI", at Lagos, Nigeria,

is engaged in conducting a scheme for obtaining money through the mails by means of false and fraudulent pretenses, representations and promises in violation of sections 259 and 732 of title 39, United States Code.

Now, therefore, by authority vested in him by said laws, the Postmaster General hereby forbids you to certify any postal money order drawn to the order of said party and you are hereby directed to inform the remitter of any such postal money order that payment thereof has been forbidden, and that the amount thereof will be returned upon the presentation of said order at the issuing office or in the event the original order is not available that repayment may be effected by means of a duplicate order applied for and obtained under the regulations of the Department.

And you are hereby instructed to return all letters and advices, whether registered or not, and other mail matter which shall arrive at your office directed to the said party to the postmasters at the offices at which they were originally mailed, to be delivered to the senders thereof, with the word "Fraudulent" plainly written or stamped upon the outside of such letters or matter. Provided, however, that where there is nothing to indicate who are the senders of letters not registered or other matter, you are directed in that case to send such letters and matter to the appropriate dead letter branch with the word "Fraudulent" plainly written or stamped thereon, to be disposed of as other dead matter under the laws and regulations applicable thereto.

(Signed) J. M. Donaldson

(Case No. 69782-F)

Postmaster General.

To all postmasters authorized to
dispatch letter mail to Nigeria.

Post Office Department

WASHINGTON

January 17, 1949.

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Cybersecurity: What You Need To Know

Traditional Battle Domains





Foreign Advisories

- North Korea is cultivating elite hackers much like other countries train Olympic athletes – **Wall Street Journal**
- Iran has managed to build up a sophisticated cyberarmy that experts now say is capable of crippling key global infrastructure – **Business Insider**
- China...information gathered on American defense networks, logistics and military capabilities could be exploited during a crisis. – **NY Times**
- ...the Kremlin has long seen cyber security as part of a broader concept of information warfare – **Financial Times**

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Counterterrorism Report

Artificial Intelligence

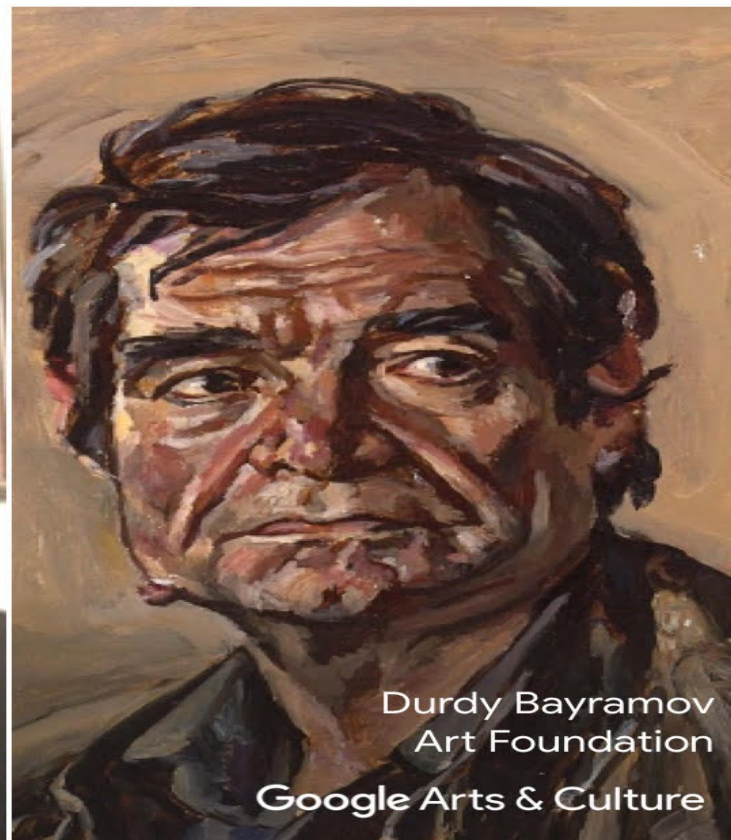
Every aspect of our lives will be transformed by AI and it could be the biggest event in the history of our civilization

Stephen Hawking

Artificial Intelligence

42%

Portrait of Baba Ovganov, Artist
Durdy Bayramov



Durdy Bayramov
Art Foundation

Google Arts & Culture

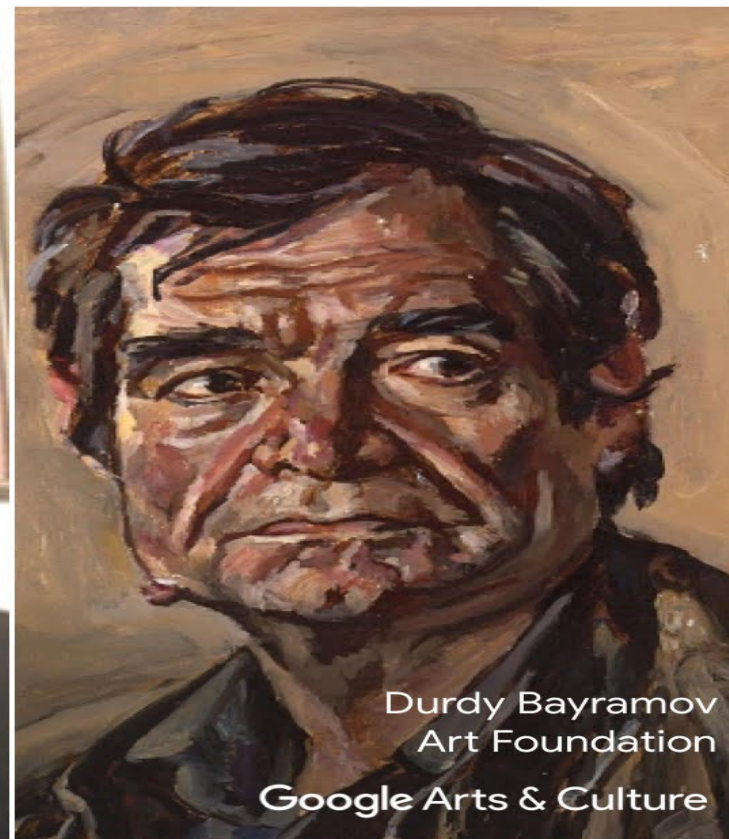
Artificial Intelligence



42%

Portrait of Baba Ovganov, Artist

Durdy Bayramov



Artificial Intelligence

52%

Portret van de dichteres Juliana C...
Ludwig Gottlieb Portman



Rijksmuseum
Google Arts & Culture

Artificial Intelligence



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Ludwig Gottlieb Portman





Cybersecurity: What You Need To Know

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- ▶ Brain Computer Interfaces (BCI)
 - ▶ 2nd Generation Bio-metrics
 - ▶ People, People, People

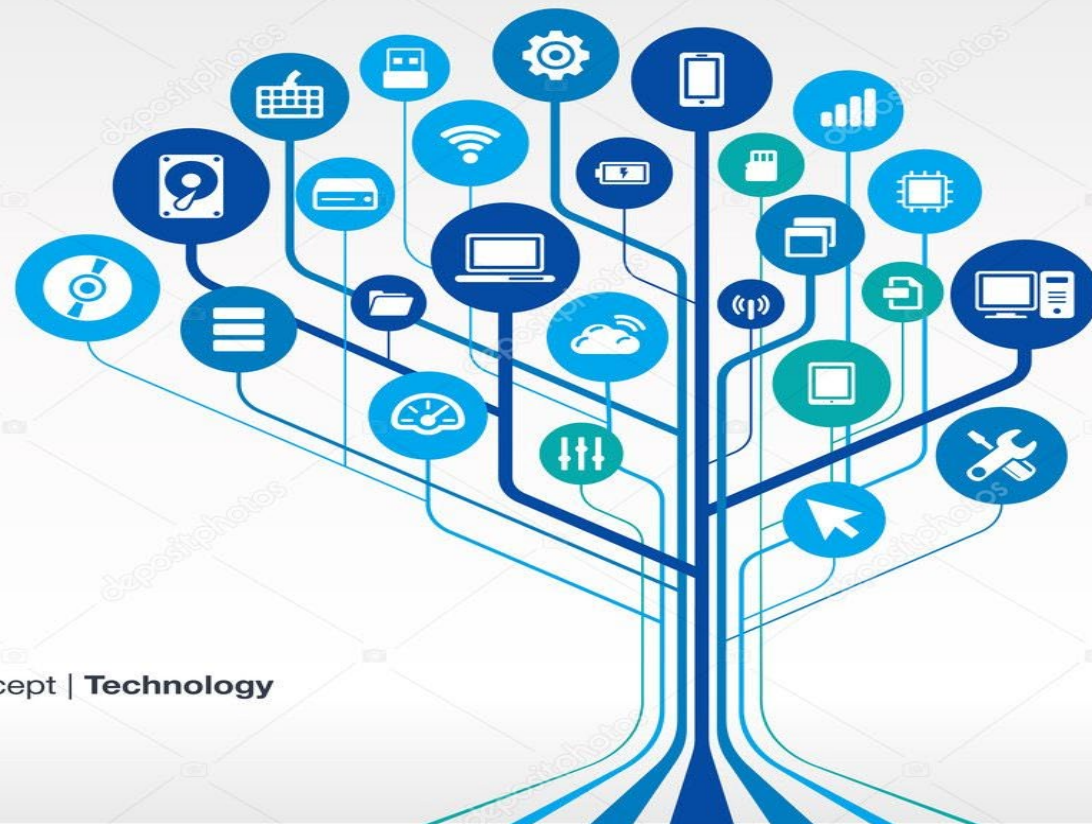
Brain Computer Interface



MIT Technology Review

- Scientists have found a way to decode brain signals into speech.
- It's a step towards a system that would let people send texts straight from their brains.





Brain concept | **Technology**

EPS
vector



BCI opens the door to opportunity:

- Smart(er) Technology
- Telepresence
- Touchless/Safer



BCI opens the door to risk:

- Confusion
- Equipment
- Hackable Thoughts



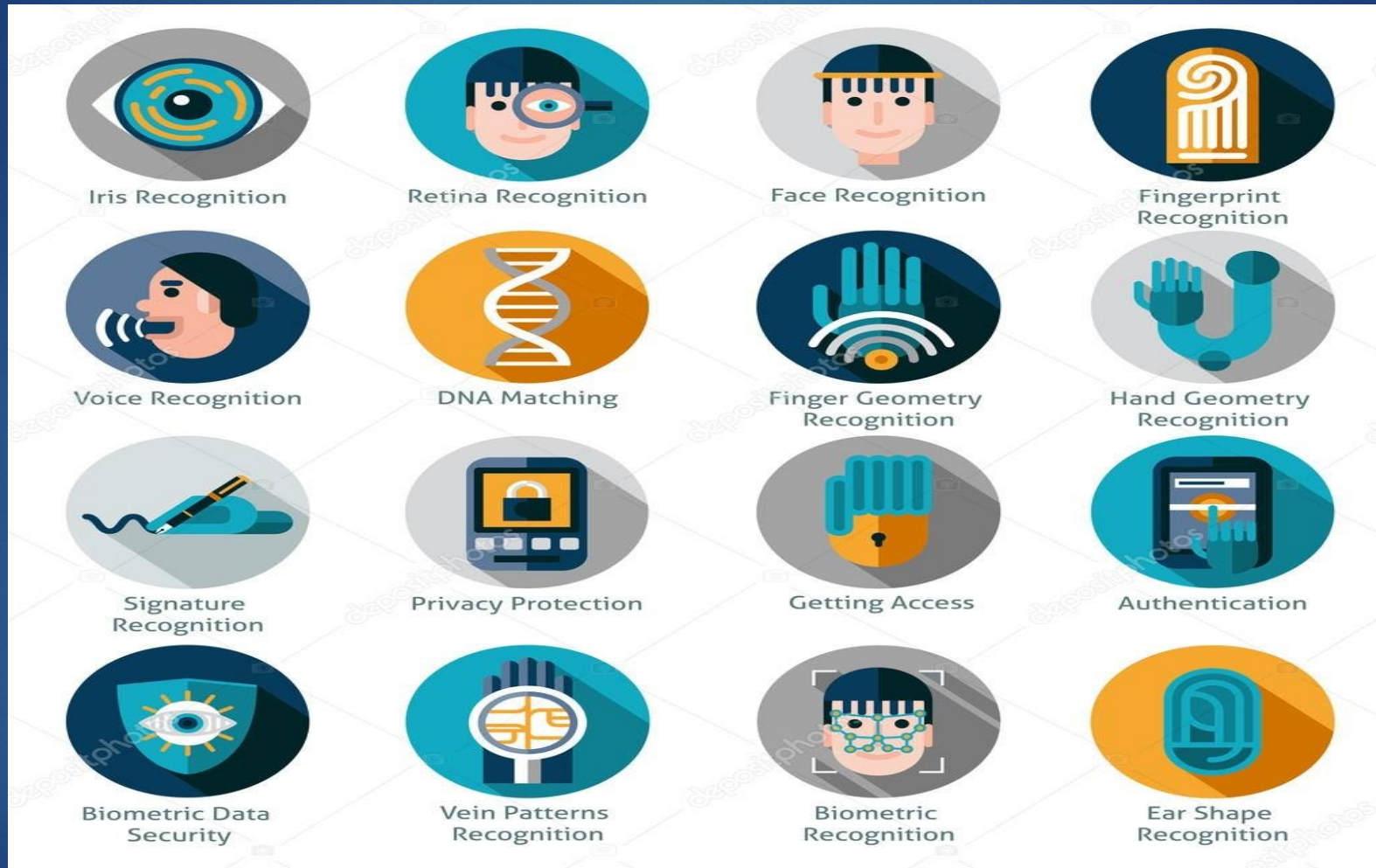


Cybersecurity: What You Need To Know

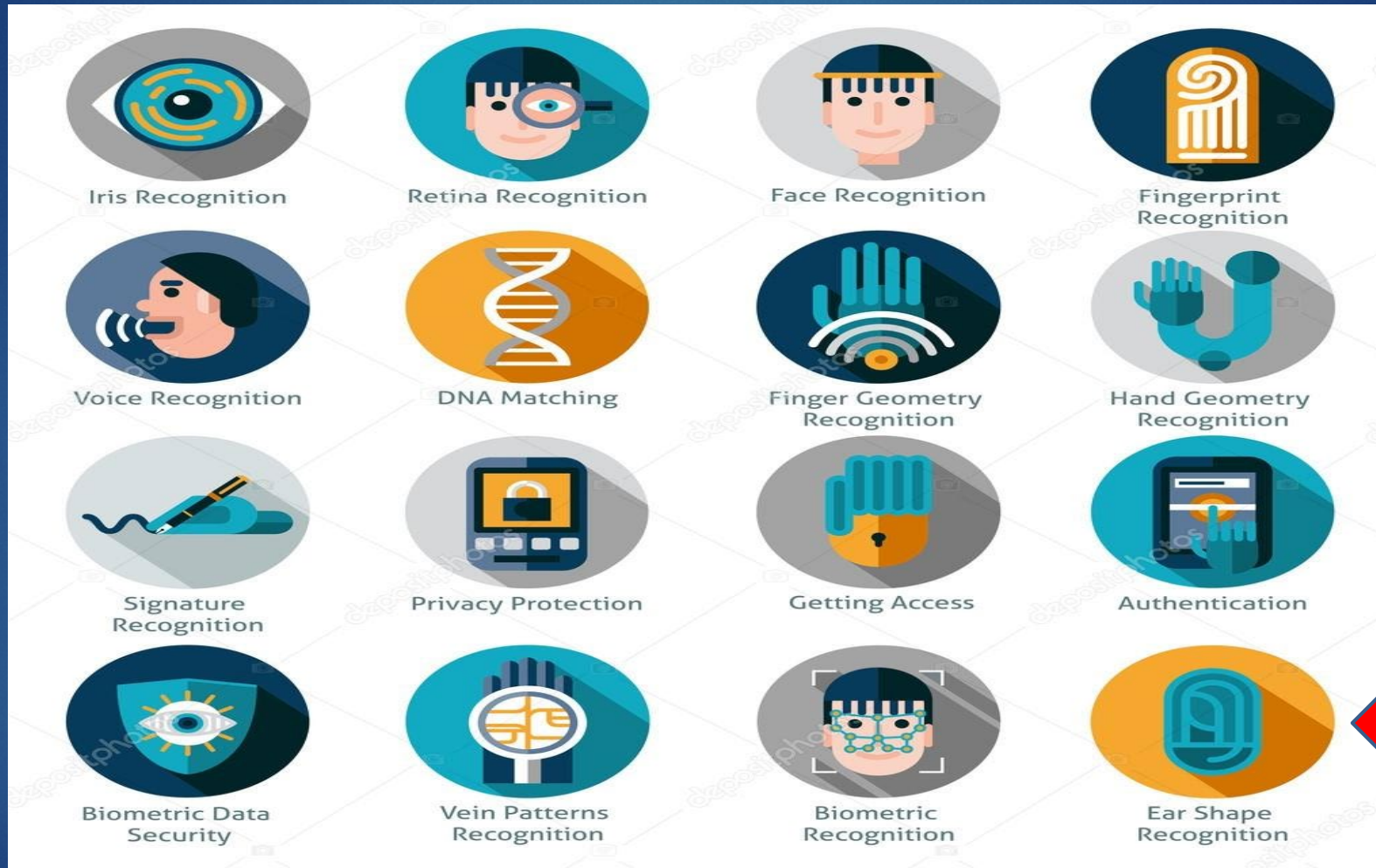
2nd Generations Bio-metrics



2nd Generations Bio-metrics



2nd Generations Bio-metrics





Biometrics opens the door to opportunity:

- Password-free
- Key-free
- PIN-free





Biometrics opens the door to risk:

- Privacy
- Inaccuracy
- Storage



Cybersecurity: What You Need To Know

People, People, People





Cybersecurity: What You Need To Know



- Twitter: @Staysafeonline
- Facebook: /staysafeonline
- LinkedIn: /national-cyber-security-alliance/
- Email: info@staysafeonline.org