Multi-Factor Authentication (MFA)

Three Categories of Authentication Factors

2FA = Any 2 different factors | MFA = 2 or more factors

Something You KNOW

Examples:

* Password

* PIN

* Security questions

* Pattern lock

+: [ea]sy to implement

-: [can] be guessed/stolen

Something You HAVE

Examples:

* Mobile phone (SMS/OTP)

* Hardware token

* Smart card

* Security key (FIDO2)

+: Physical possession

-: Can be lost/stolen

Something You ARE

Examples:

* Fingerprint

* Face recognition

* Voice

* Iris scan

+: Unique to individual

-: Privacy concerns

Security Strength:
1 factor: Basic
2 factors: Strong
3 factors: Very Strong

Regulatory:
PSD2 SCA requires 2+ factors