



NEURODYNAMICS

Biometrics and On-line Identity



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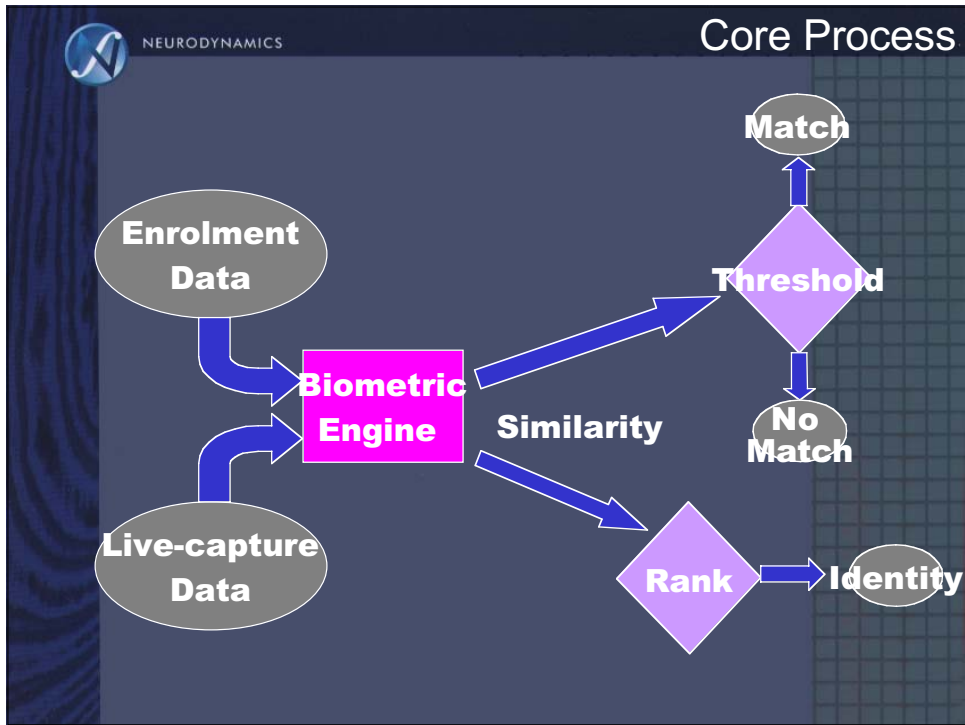
- What is biometrics?
- Why do we need to do link digital and real identities?
- Why do we need Biometrics to do this?
- How can it be implemented?
- Questions



“A measurable physical characteristic or personal behavioural trait used to recognise the identity or verify the claimed identity of an enrollee”



- Enrolment
- Verification/Authentication
- Identification/Recognition

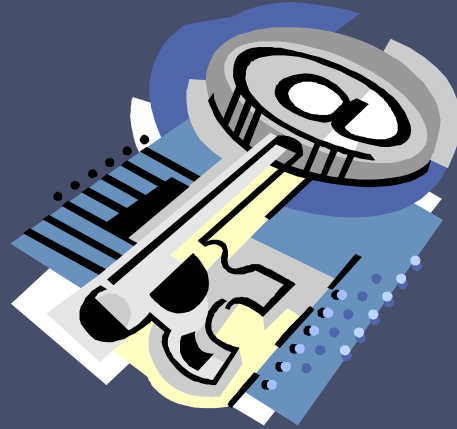


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- ### What types of biometrics are there?
- Common options:
 - Face
 - Fingerprint
 - Iris
 - Hand geometry
 - Dynamic signature
 - Keystroke dynamics
 - Voice
 - Body Odour
 - Each have pros and cons
 - No single panacea for all scenarios



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Why do we need to link identities?



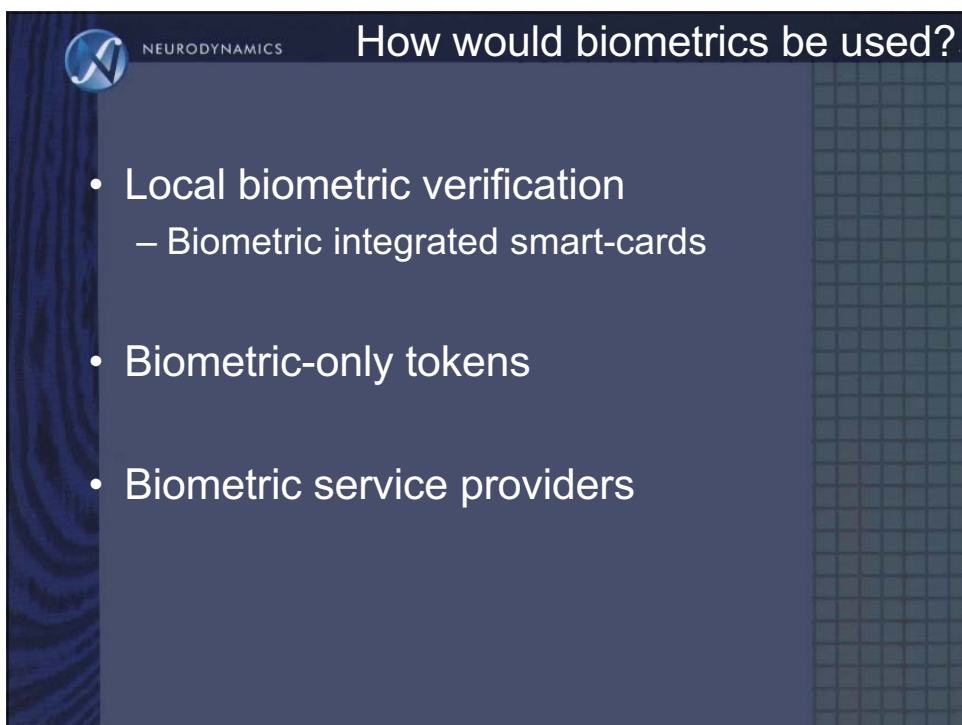
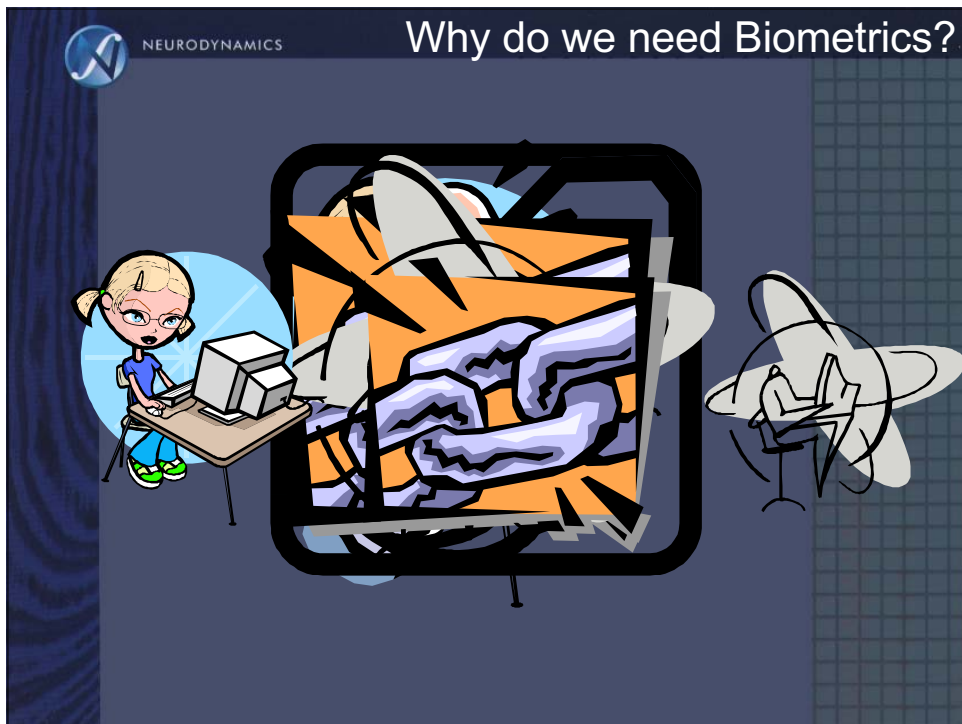
Security



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Why do we need Biometrics?

- Problem is one of authentication
- Authentication relies on tokens
- Only alternative tokens are
 - Physical
 - Notional
- Both can be compromised with ease





Why do we need Biometrics?

Only biometrics authenticates the person, since it makes the person become their own token



Further Information

- <http://www.neurodynamics.com>
- <http://www.afb.org.uk>
- <http://www.ibia.org>
- <http://www.biometrics.org>



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Questions?



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