Pulse-Response Biometrics

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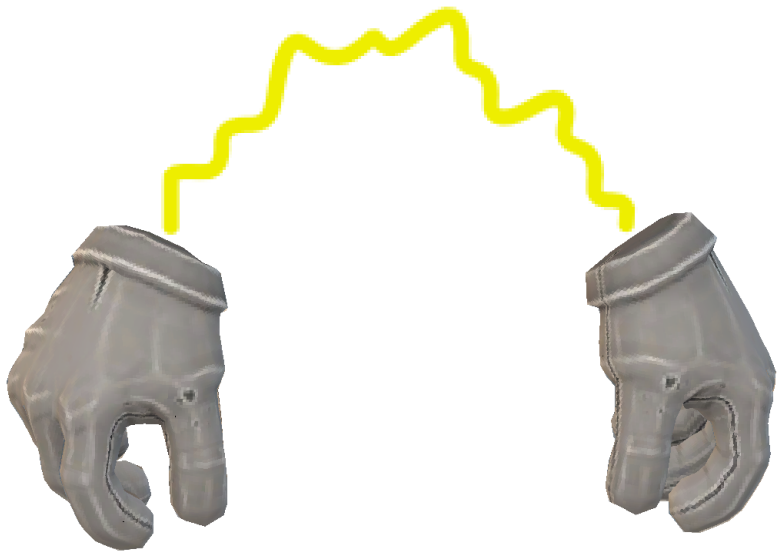
Introduction

- Biometrics
  - Physiological
  - Behavioral

Introduction

- Biometrics
- What is Pulse-Response?



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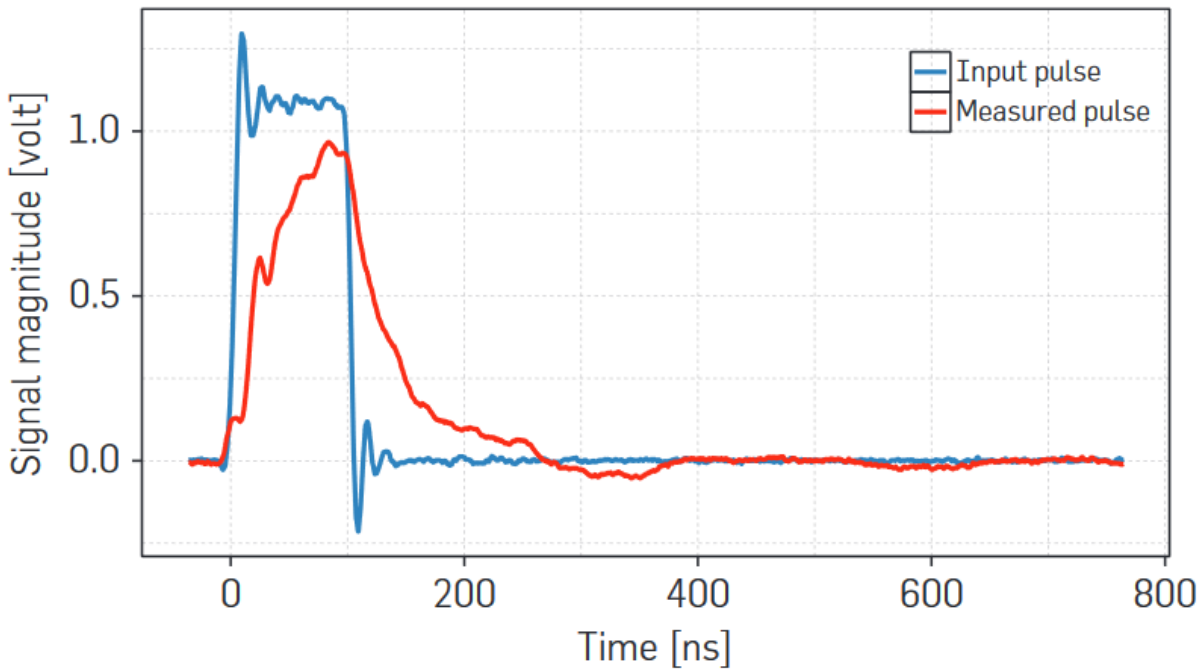
- Biometrics
- What is Pulse-Response?

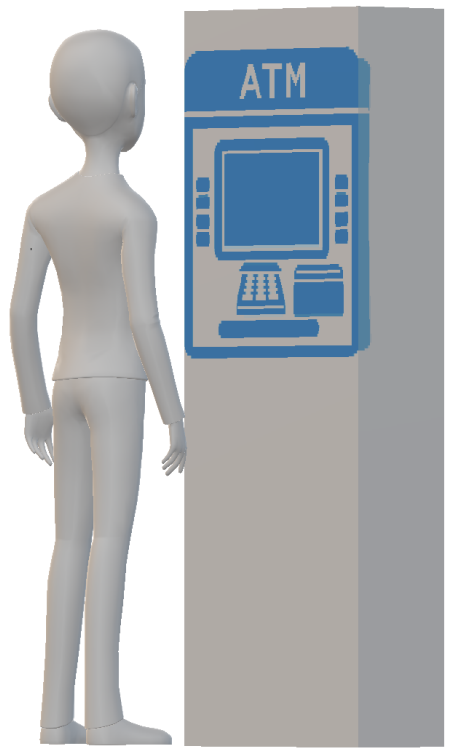


Introduction

- Biometrics
- What is Pulse-Response?
- Design goals
  - Universal
  - Unique
  - Permanent
  - Unobtrusive
  - Difficult to circumvent

Usage of Pulse-Response

- ATM
  - Identification via credit card and PIN
  - Additional security layer
  - Conductive keyboard and pad



Usage of Pulse-Response

- ATM
- Secure Terminal
  - Continuous Authentication Process
  - Periodically measurements

Thanks for your attention

Biometric	**Universal**	**Unique**	**Circumvention**
Face	High	Low	High
Iris	High	High	Low
Fingerprint	Medium	High	Medium
Pulse-Response	Medium	High	Low