Prism 2023 Wrap-up

Let's take a brief trip though the Acuity Wayback Machine..

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FINDBIOMETRICS
GLOBAL IDENTITY MANAGEMENT

June 2002

Benefits of Biometrics

- Replace Pins/Passwords
  - Can't Be Guessed, Stolen, Shared, Lost, Forgotten, Written Down, Forged
- Accountability/Non-Repudiation
  - Link to Identity Not Possession or Knowledge "something you are, not have or know"
- Provides Audit Trail
- Prevents Impersonation
  - Theft/fraud Reduction
  - Protects Against Identity Theft
  - Protects Privacy
- Reduces Paperwork
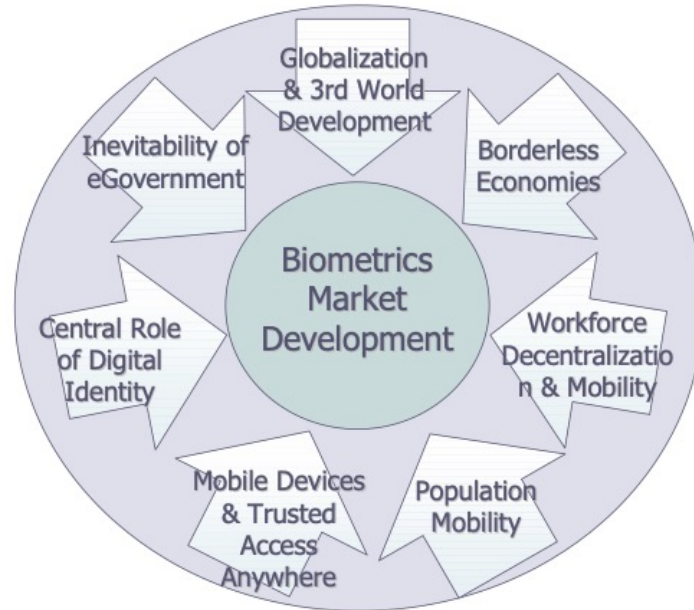- Convenience and Control
- Inexpensive

Deployment Issues

- Define Total Problem
- Value Appropriate Solutions
- User Base Considerations
  - Size, Characteristics, Acceptance
- Test, Pilot, Deploy
- Enrollment & Education
- Environment
- User Support
- ID Management
- Interoperability & Scalability
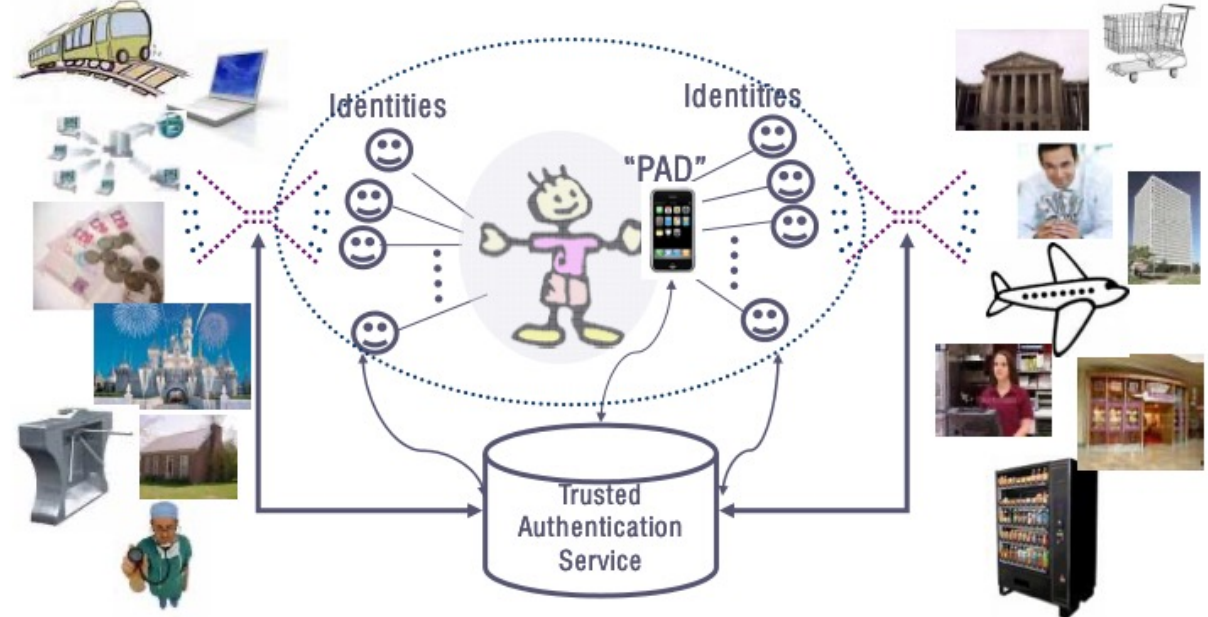- Database Management, Control
- Privacy Concerns

Circa October 2007

Mega Trends
Seven Key ID Related Global IT Trends

Biometrics Market Development
- Globalization & 3rd World Development
- Borderless Economies
- Workforce Decentralization & Mobility
- Population Mobility
- Mobile Devices & Trusted Access Anywhere
- Central Role of Digital Identity
- Inevitability of eGovernment

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The Future Defined
Personal Identity Ownership

Identities   Identities
"PAD"

Trusted Authentication Service

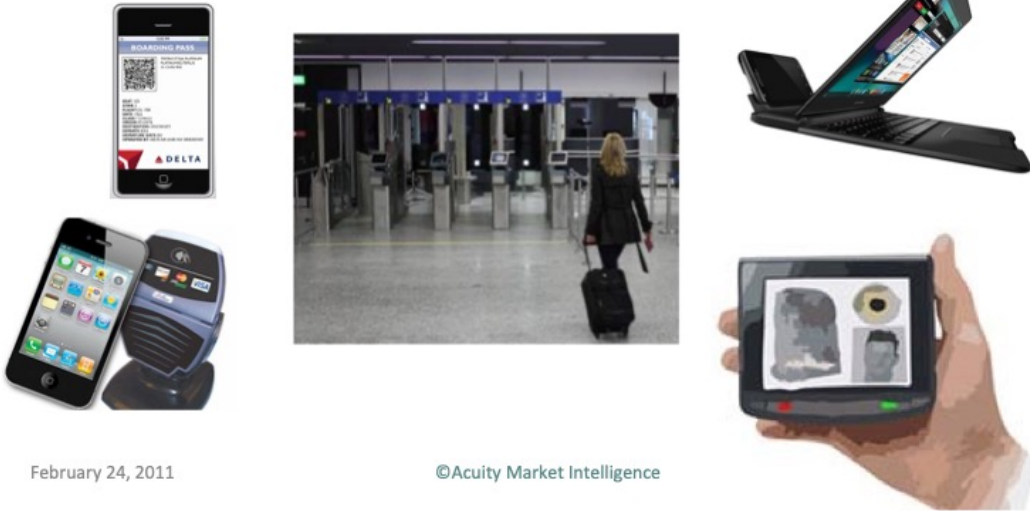©Acuity Market Intelligence   31   October 2007

February 2011

Premise: Mobility Drives Biometrics

Mobility and Associated Infrastructures, Platforms, and Applications are the Key to Understanding Biometric Market Evolution for the Forseeable Future

Commercial Market

- The iPhone Changes EVERYTHING
  - Your Phone is your Life
  - "there's an app for that!"
- Devices are getting smarter, faster, more accessible AND cheaper
  - Sensors embedded in Device: pointer, on/off switch
  - NFC is coming full-throttle
  - Dual Facing Cameras
  - Payment Processing
- And there are MORE OF THEM
  - 5B phones for 6.9B people = 72.6 %
  - Russia 147%, Italy 125%, Hong Kong 187%, Montenegro 192%
- Mobility in the field expands "Biometric" footprint
- RESULT: Mobilitiy will Drive Enterprise Adoption

June 2011

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Biometric Data Collection: Data Management

- Ownership and Control
  - Data Types - image, template, encrypted template, revocable template
  - Distribution - data type, revocable security, expiration dates
- Storage
  - Centralized or Distributed
  - Network or Vault
  - Independently or co- located with biographic data
- Limitations of Use
  - Data Protection and Engineered solutions – "Built ins"
  - TURBINE Project
- Security
  - Facilities, Staff, IT Infrastructure
- Liability
  - Lost, Stolen, Inadvertently Shared
  - Termination
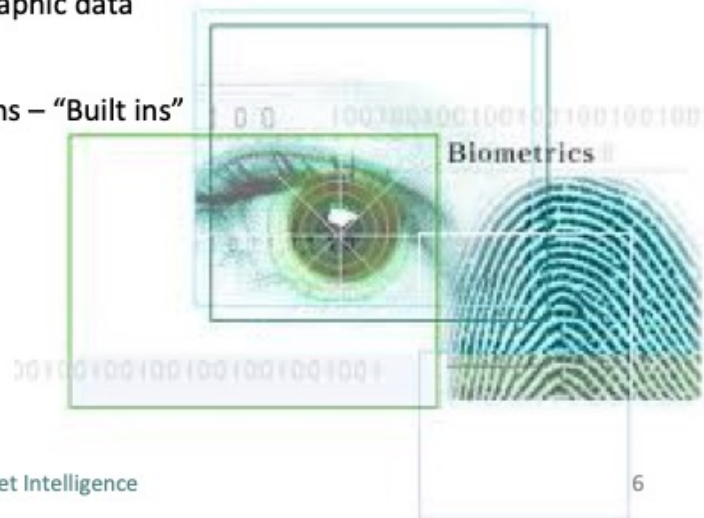
Biometrics

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