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Personal

Identity

Information



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What is it ?



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Work

Membership

Student

Citizen

Identity

Healthcare

On-line

Financial

Military



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What Is Identity Information?

❖ **Definition:** Identity information is an assortment of information that can be tied to that individual which describes the individual's characteristics and uniqueness.

Some common components of identity are:

- ❖ **Demographics**
- ❖ **Biometrics**
- ❖ **Actions**
- ❖ **Preferences**
- ❖ **Status**
- ❖ **Transactions history**



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Who has access to it ?



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Where is it kept ?



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Is it vulnerable ?



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What's the risk ?



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How can it be protected ?



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**Your Identity
is very
valuable !**



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Who Cares?

US Government

- ❖ USA Patriot Act of 2001
- ❖ Homeland Security Presidential Directive 12
- ❖ Enhanced Border Security & Visa Reform Act of 2001
- ❖ Public Health Security and Bioterrorism Preparedness and Response Act
- ❖ Port and Maritime Security Act of 2002
- ❖ National Identification and Passport Programs
- ❖ US VISIT Visa Waiver Program
- ❖ REAL ID Act of 2005
- ❖ Department of Homeland Security (DHS) Appropriations
- ❖ Department of Justice (DoJ) Appropriations

Industry

- ❖ IT Industry leaders promoting identity management - Microsoft, Citrix, Computer Associates, Dell, HP, Novell, MPC Computers, IBM and Intel
- ❖ Biometrics vendors bringing advancements in devices to market
- ❖ Smartcard vendors focused on standardization
- ❖ **Smart Card Alliance – Identity Council**



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The Identity Council

- ❖ **Industry council of Smart Card Alliance**
- ❖ **Focused on the challenges of identity**
- ❖ **Raising awareness of Identity challenges**
- ❖ **Proposing solutions to these challenges**



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The Identity Council

- **Individual control** - Defining what information constitutes an identity and how systems should be designed to put individuals in control of their private information.
- **Government's role** - Assessing how governments respond to new technologies that can provide solutions to identity challenges.
- **Preventing Identity misuse** - Discussing the actions government, businesses, and individuals can take to prevent identity theft and describing the role of technology in preventing theft.
- **Breeder documents** - Analyzing the challenges posed by breeder documents and discussing potential solutions that could lead to more accurate proofing of an individual's identity.



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The Identity Council

- ❖ **Secure credentials** - Defining the different types of identity credentials and offering guidance on key considerations for using a credential for multiple applications.
- ❖ **New Technologies** - Describing how new technologies are being used to verify an individual's identity in the online world.
- ❖ **Biometrics** - Defining how biometric technology is used in identity systems to bind an individual to an identity credential and verification event.
- ❖ **Identity Life Cycle** - Discussing how a secure identity can be created and used throughout the identity life cycle.



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The Top 10 **Hot** Identity Topics

White paper available from the Smart Card Alliance

www.smartcardalliance.org



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#10 Biometrics

What are they and how to they work?



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#9

Logical access

Projecting your identity into the online world



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#8

Use of identity information

The importance of privacy principles



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Privacy Principles

Since the 1970s, the Federal government has recognized the importance of maintaining trust and transparency in systems that contain personal information.

Principles

Notice

Choice

Access

Appeals

Use limitation

Tools

- **Technology**
- **Privacy-focused policies**
- **Procedures**
- **Governance**



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#7

Identity credentials

What's in a credential?



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#6

Verifying a persons identity

Are you who you claim to be?



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#5

How do you prove your identity?

The problems with breeder documents



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#4

**Is technology a threat to your
Identity ?**



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#3

Who are you?

The confusion over identity information?



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#2

Protection of Identity Information

Can you protect your identity information?



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#1

Identity theft

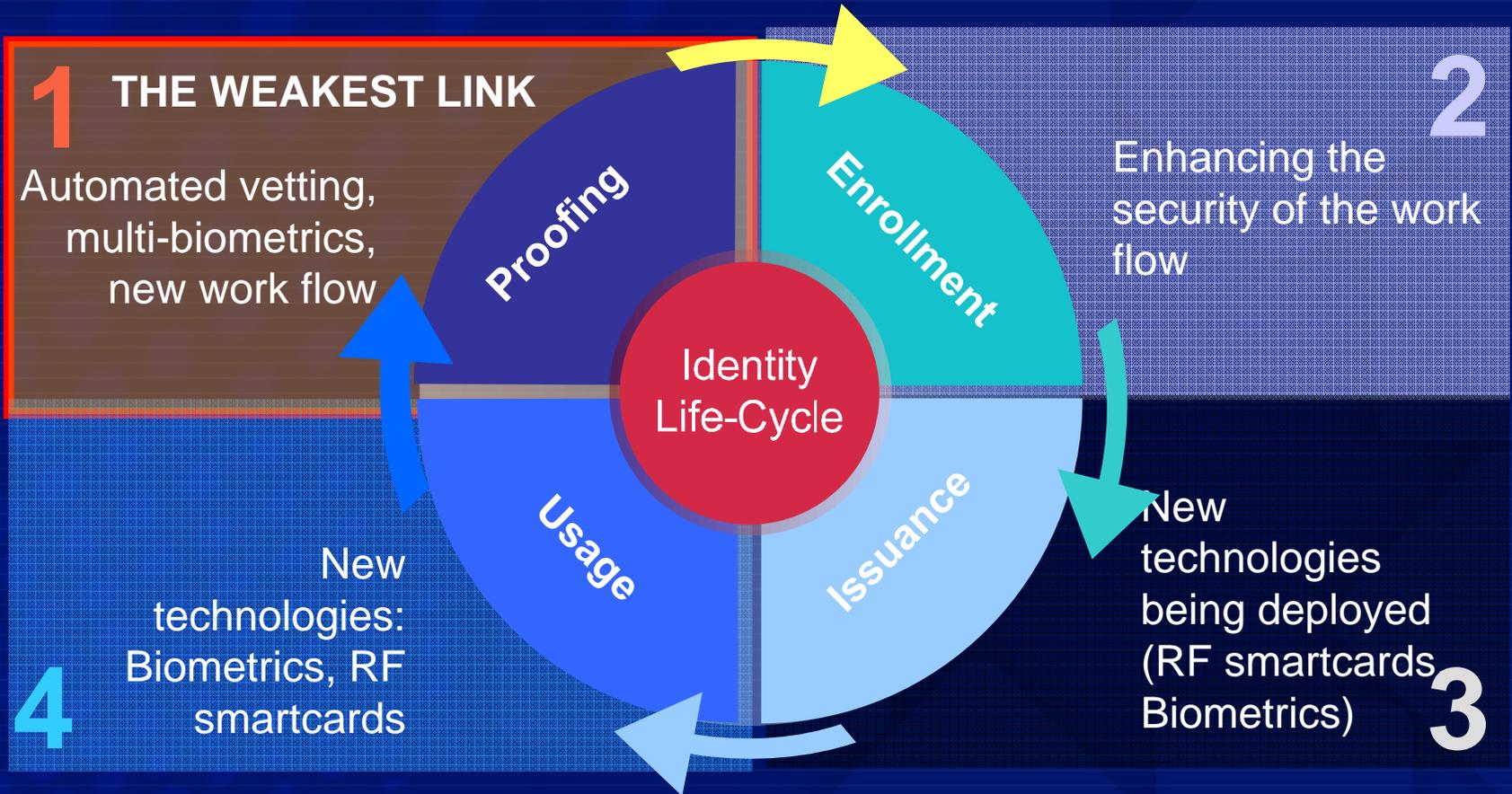
When you don't own your identity



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The Identity Life Cycle

What's New?





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How can I **safely prove** who I am ?

How can you be **assured** that I am
who I say I am ?

*Please pick up a copy of the
The Top 10 Hot Identity Topics
white paper*



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Thank you

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