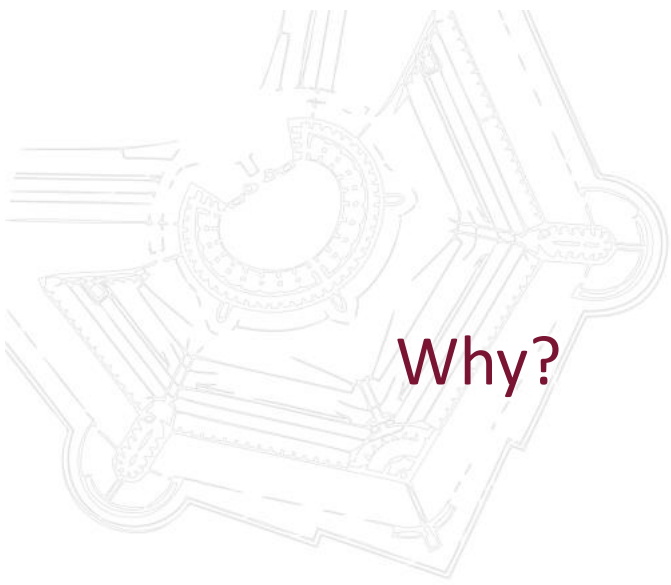
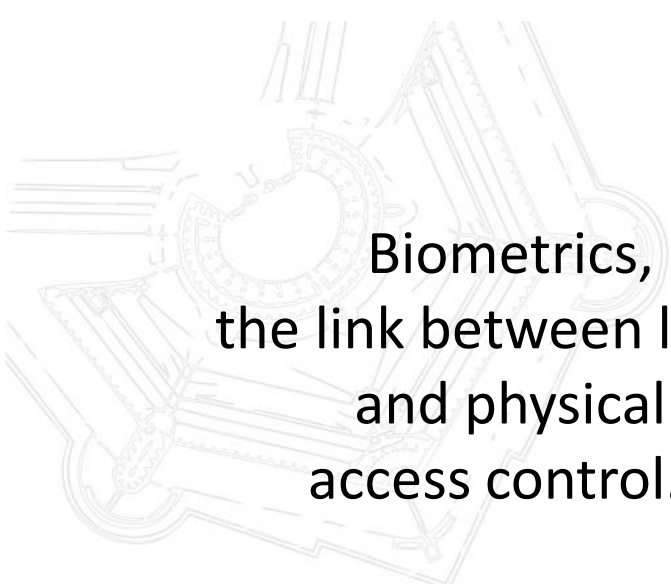


Heverlee, December 1st, 2011



Why?

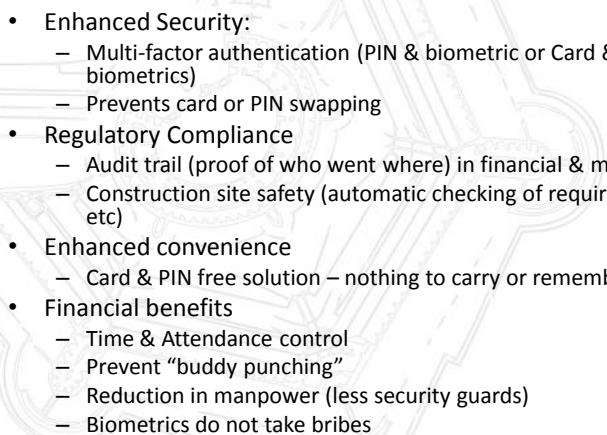


Biometrics, the link between logical and physical access control...

Source : LSEC Biometrics 2008

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- 
- Enhanced Security:
 - Multi-factor authentication (PIN & biometric or Card & biometric or 2 biometrics)
 - Prevents card or PIN swapping
 - Regulatory Compliance
 - Audit trail (proof of who went where) in financial & medical industries
 - Construction site safety (automatic checking of required training levels, etc)
 - Enhanced convenience
 - Card & PIN free solution – nothing to carry or remember
 - Financial benefits
 - Time & Attendance control
 - Prevent “buddy punching”
 - Reduction in manpower (less security guards)
 - Biometrics do not take bribes

Source : LSEC Biometrics 2008

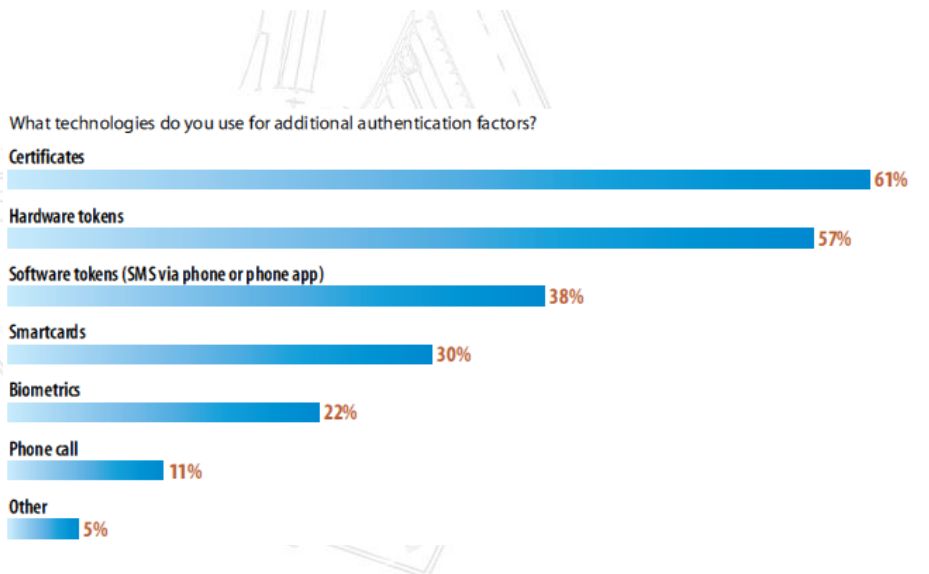
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- Physical Door Access
- Logical Access to PC or other media
- Logical Access to PC, Applications and Remote Logons
- Time & Attendance
- Criminal or Non-Criminal AFIS for Law Enforcement

Source : LSEC Biometrics 2008

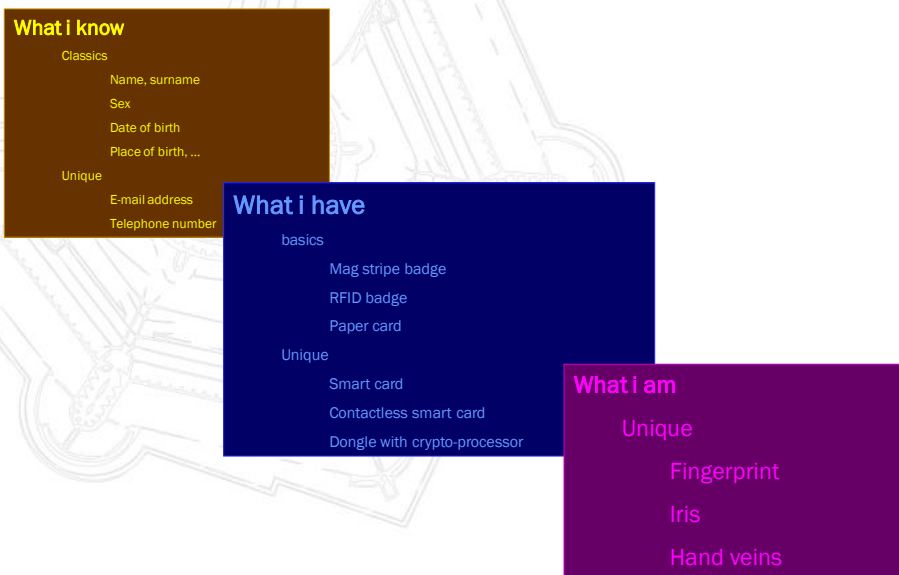
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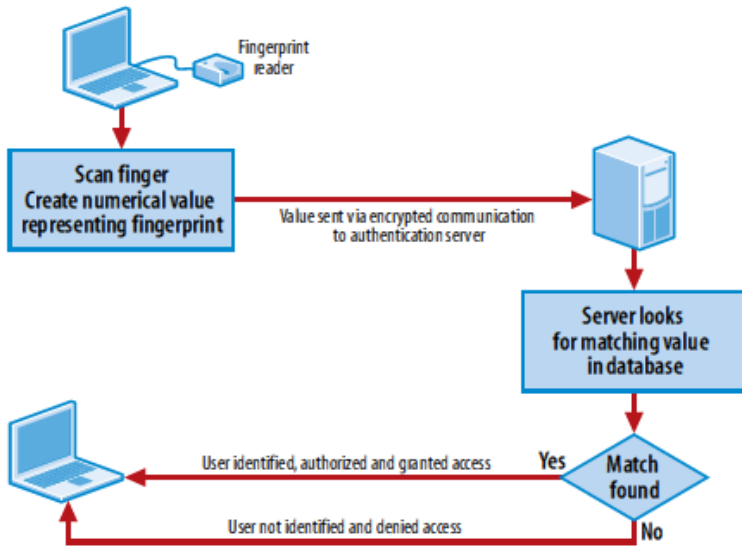
Source : InformationWeek Analytics 2011 Identity Management Survey

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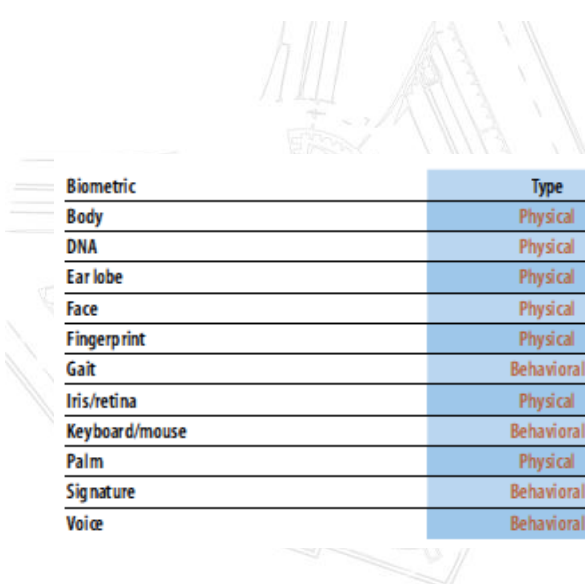




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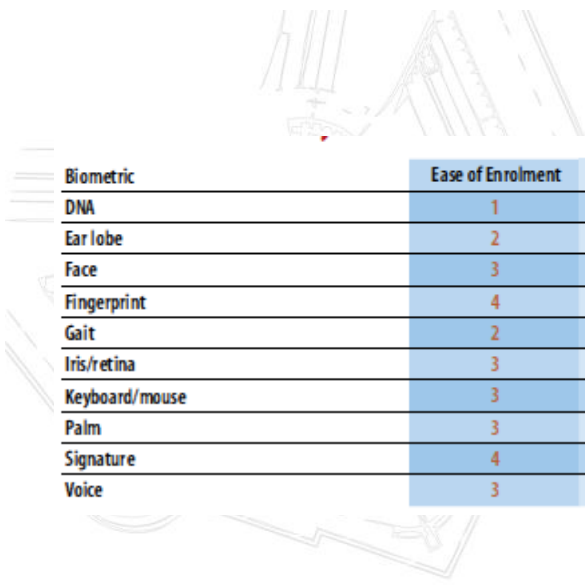


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







Biometric	Type	Access Control
Body	Physical	Physical
DNA	Physical	Physical
Ear lobe	Physical	Logical/physical/remote
Face	Physical	Logical/physical/remote
Fingerprint	Physical	Logical/physical/remote
Gait	Behavioral	Physical/continuous
Iris/retina	Physical	Logical/physical/remote
Keyboard/mouse	Behavioral	Continuous
Palm	Physical	Logical/physical/remote
Signature	Behavioral	Physical
Voice	Behavioral	Logical/physical/remote

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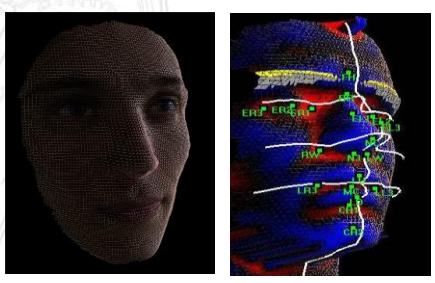
Biometric	Ease of Enrolment	Ease of Use	Accuracy
DNA	1	1	4
Ear lobe	2	3	2
Face	3	4	3
Fingerprint	4	4	3
Gait	2	2	1
Iris/retina	3	3	4
Keyboard/mouse	3	4	1
Palm	3	4	3
Signature	4	4	2
Voice	3	4	2

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biometric system	identi- fication	veri- fication	Accep- tance	market experience		remarks
 finger	(+)	+	+	high		minutiae or pattern based algorithms lack of all time or part time availability workers may have abraded ridges 50 – 1.000 byte template
 hand	-	+	++	very high		more than 90 measures of the hand, no patterns, but geometry on market since 1985 12 byte template
 face	(+)	+	++	good		different techniques, needs computing power. Identi with proposal 1,5 – 8 kbyte template
 iris	++	++	(+)	good		good performance for veri & identi needs skilled users 512 byte template

Source : LSEC Biometrics 2008

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Challenges with Biometrics

1. Standards not yet completed / degrees of freedom
2. European testing & certification is needed
3. Different legal basis and interpretations of directives and guidelines (privacy/data protection) by members states
4. Further harmonization and articulation of end user requirements
5. Fragmented knowledge/experiences: structured and professional information exchange is needed
6. Improving awareness: training & education (strong impact on performance)
7. Improve/stimulate dialogue end user – industry
8. Usability
9. Threat models & risk profiles
10. Unclear business cases (cost/benefit)

Source : LSEC Biometrics 2008

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Who?

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Activities Overview 2010 a year in review

1. Events

1. 20.05 : Security Conference Lux
2. 27.05 : Identity Fraud
3. 09.06 : European eID forum
4. 17.06 : Managing Identities
5. 18.06 : Annual Meeting
6. 26.06 : VICTOR Security Day
7. 29.06 : Pôle TES – NFC Days
8. 07.09 : ERP & SAP Security
9. 10.09 : Future Networks
10. 22.09 : Security Research Conference
11. 23.09 : A2B
12. 24.09 : BruCon
13. 27.09 : RFID
14. 09.10 : ISSE
15. 14.10 : RSA Europe
16. 21.10 : Total Security Day
17. 25.10 : Security Management & Special Event
18. 03.11 : Infosecurity Netherlands
19. 01.12 : Industrial Security Workshop
20. 13.12 : PRIT Cybersecurity STIG
21. 27.01 : CPDP
22. 14.02 : RSA US
23. 16.03 – 17.03 : EEMA eID Interoperability Conference
24. 18.03 : Industrial Security EU discussion
25. 23.03 – 24.03 : Infosecurity.be 2011
26. (19.04 : Infosecurity.co.uk)
27. 28.04 : LSEC Spring Break event
28. 06.05 : LSEC Identity Panel Discussions
29. 10.05 : Identity Management & Cloud – preconference Kuppinger activity
30. 10.05 – 13.05 : EIC (Kuppinger Cole) – Mobile Identity panel led by LSEC
31. 12.05 : VICTOR day – ICT Security track
32. 24.05 : Security Track & Trace
33. (27.05 : Launch of B-CENTRE)
34. 06.06 - 07.06 : GRC Unravalled

2. Members & Partners

3. Projects

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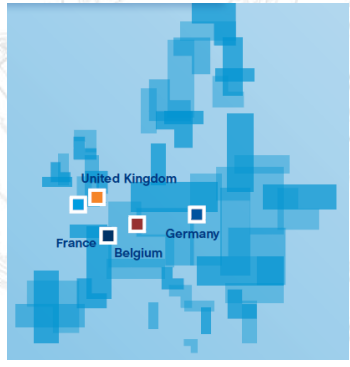


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The European Security Innovation Network



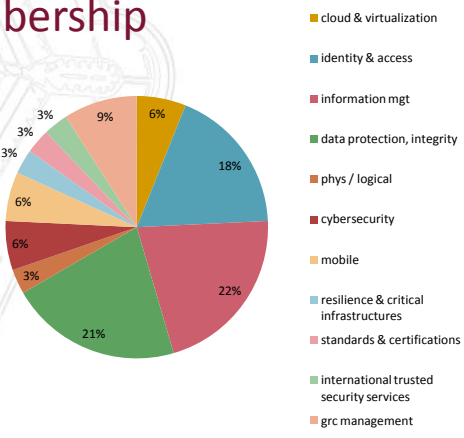
- developing and implementing an infrastructure to support partnership building
- sector mapping and research
- creating a toolkit of support materials for SMEs to ready them for collaboration
- Improving the appetite of SMEs to engage in partnerships
- collaborative opportunities
- network of supportive experts
- Lessons learned in approach developed for partnership that could be applied in other sectors

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Overview of the Membership

- more than 1350 companies registered
- reaching over 10.000 security professionals in Europe
- collectively representing over 10 billion € market
- Professional services, products, solutions, engineering, contracting, outsourcing, ...
- more than 10 leading universities and research centers involved



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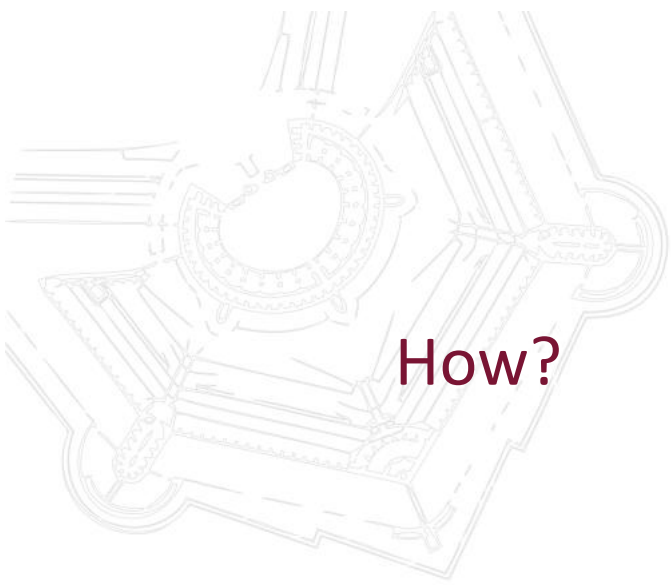




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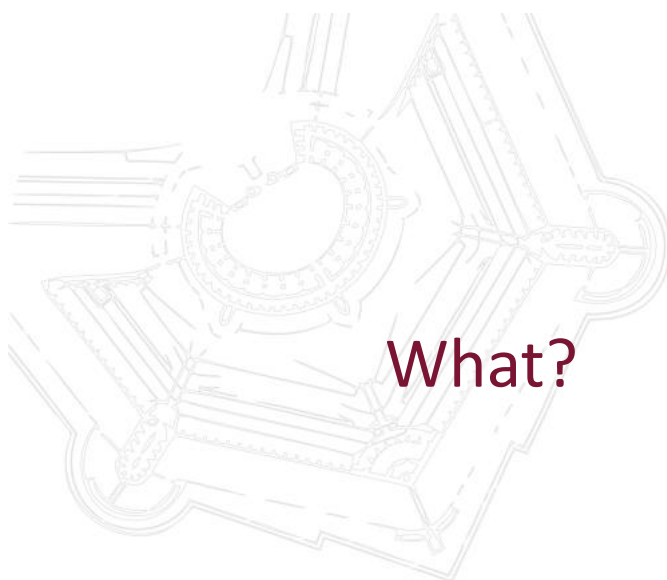
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What?

Biometrics 2011

09.50h : Biometrics are real, are here to stay, by Bart Smets, CHB Technologies

10.05h : Biometrics in electronic documents, identity systems by Florian Hadjadj, Thales

10.45h : Border management & security through biometrics, by Andre Oeyen, SITA

11.45h : Biometrics in office automation, Trusted Office Printing by Ilse Borremans, Macro4

12.30h : networking lunch

Biometrics 2011

13.30h : Iris recognition in industrial applications, by George Martin, CEO Smart Sensors

14.15h : Biometrics, a security enabler – Ronald Huijgens, vice-chairman Dutch Biometric Forum

15.15h : Coffee Break & Networking

15.45h : The future of biometrics, practical challenges, by Bian Yang, Gjovik University College and security issues, by Koen Simoens, COSIC, KU Leuven

16.45h : Panel discussion

17.15h : Closing Reception & Networking