





Cloud challenges to highdemanding privacy scenarios Nicolas Notario, Atos - WITDOM

Networking Session:

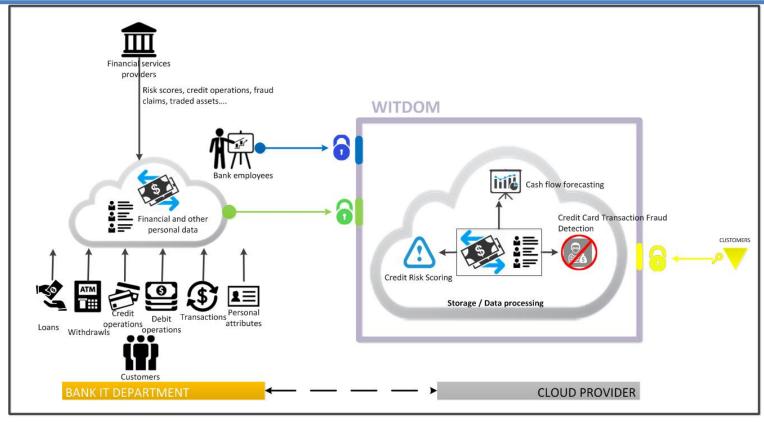
"Key challenges in end-to-end privacy/security in untrusted environments".

Cluster: Security and Trust. *ICT 2015 -* Innovate, Connect, Transform October 22nd 2015. Lisbon, Portugal





Challenge - Financial scenario

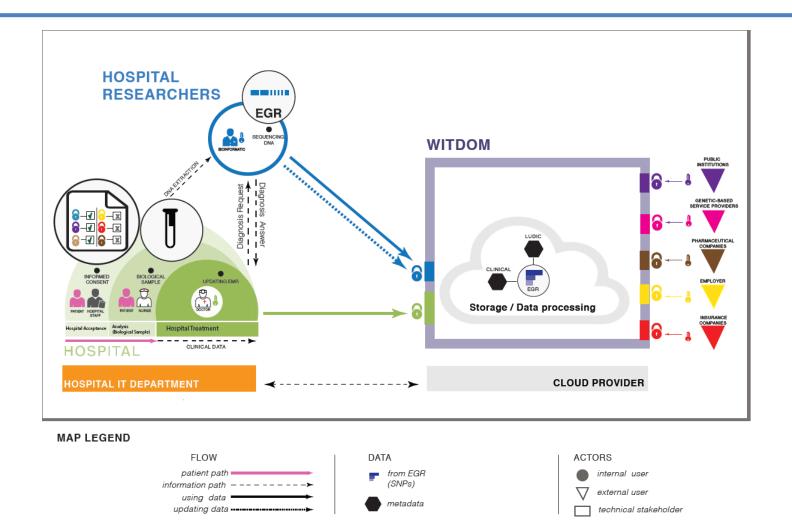




"Key challenges in end-to-end privacy/security in untrusted environments" ICT 2015 - Innovate, Connect, Transform. October 22nd 2015.



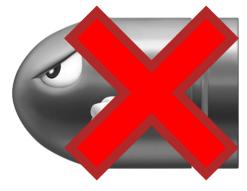
Challenge – eHealth scenario





Expected Results

NO SILVER BULLET



Expected Results

WITDOM Framework







Utility of results



Level of privacy

Privacy metrics

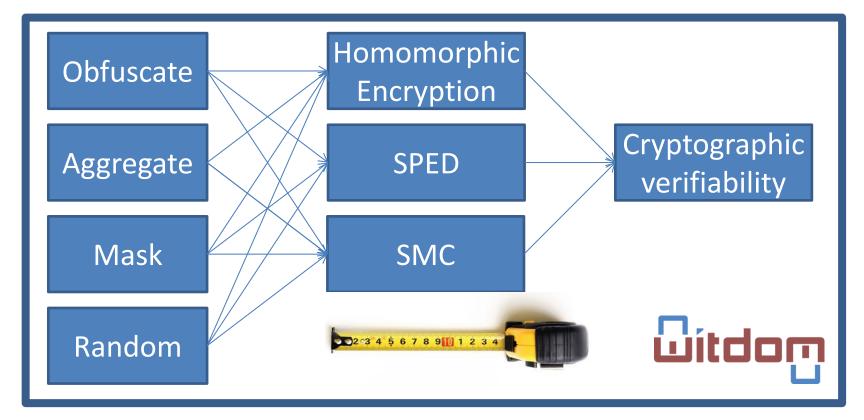


Expected Results

Privacy Enhancing Techniques

Cryptographic Secure Processing

Verifiability





Ideas for the future

Generalization of the approach

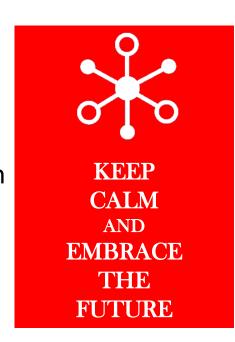
- E.g.
 - ICT-18-2016: Big data PPP: privacy-preserving big data technologies
 - EUB-01-2017: Cloud Computing
 - DS-03-2016: Increasing digital security of health related data on a systemic level

Extend

New algorithms, different approaches(e.g. ABAC)

Semi-automatic composer

- E.g. Smart orchestration







Thank you for you attention!

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