

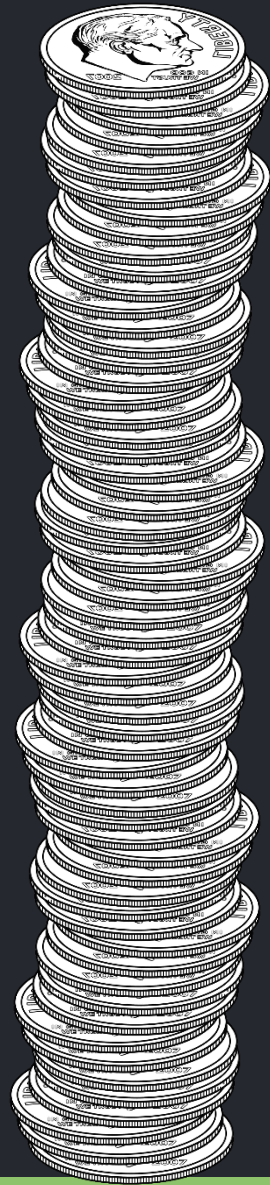


The Next Generation Authentication Solution

Increase both Security and Customer Experience

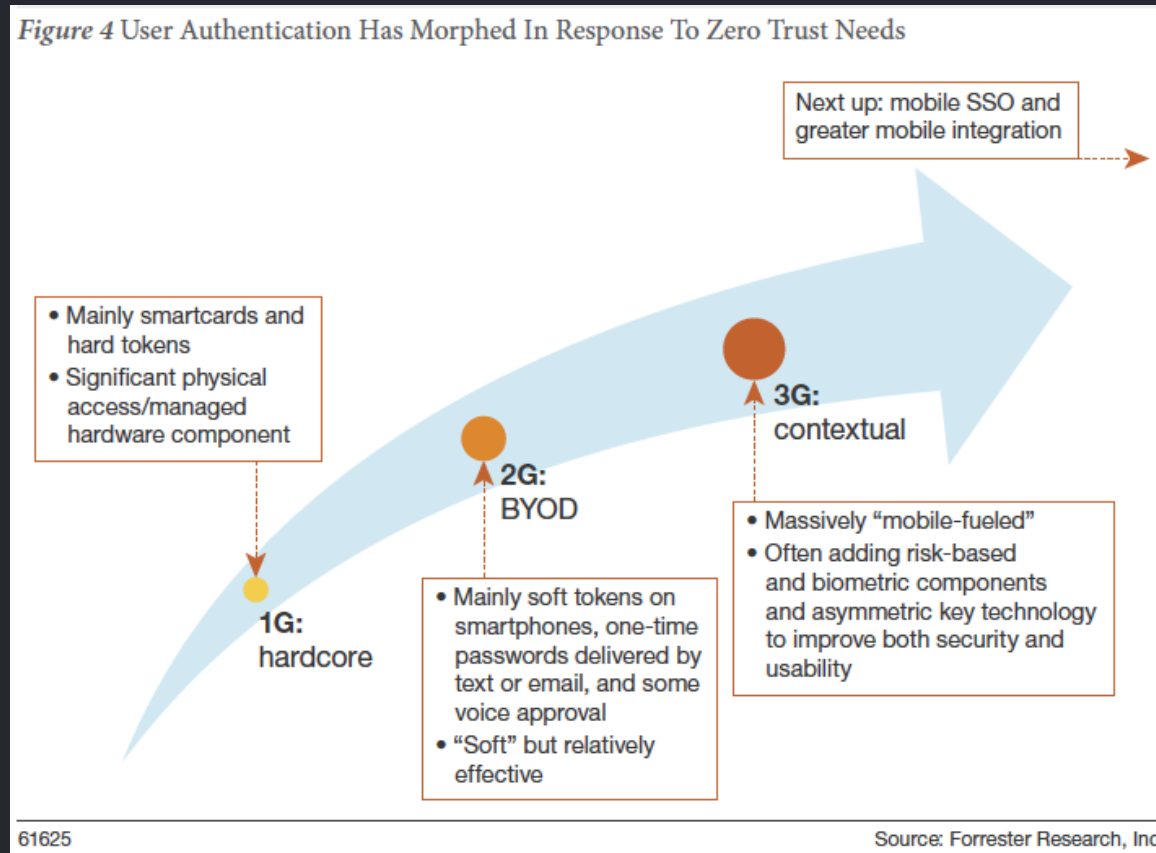
Why do we need protection?

Credit Card fraud
Online shopping
Trust
Identity theft
Data
Online bank
Churn
E-Healthcare
Infrastructure
Access violation
Privacy
E-Government



The customer authentication is the weakest link

The evolution of authentication



This year brought the 3rd generation to us

The 3rd generation

- No One-Time-Passwords
- Mobile
- Bring-Your-Own-Device (BYOD)
- Real e-ID
 - Biometrics
 - Public Key Infrastructure (PKI)
 - Behavior analysis
- Ergonomic for everyday use
- Universal



But the real third generation is even more...

The future of third generation

- Not just for authentication, but authorization
- Complements, strengthens existing solutions
- Provides evidences
- Evidences have legal effect
- Built from transparent elements
- Cost efficient
- Using PKI we can achieve all of this



... a real third generation solution is more than authentication.



The Next Generation Authentication Solution

www.passbyme.com

PASSBY[ME] – The Next Generation

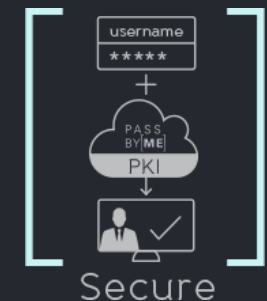
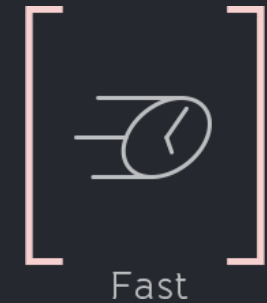
- Development started 2 years ago
- ITBN Conf. – Best Hungarian Innovation 2013
- Authentication as a Service
- PKI based
 - Second factor and second channel
 - Real e-ID
 - Produces evidences with legal effect
 - e-Signature on the mobile



The complexity of PKI using the simplicity of the mobile

Secure and reliable

- Built-in certificate authority
- No SMS, no Telco provider
- Built-in messaging, no push
 - Guaranteed instant delivery, no lost messages
 - Utilizable for general purpose messaging
- Cost effective
- On-board key generation
- Transparent technologies and standards
 - SSL, MQTT, SCEP, X509 etc.



The PassBy[ME] system is completely autonomous

„One-touch“ authentication

First factor login

Message arrives

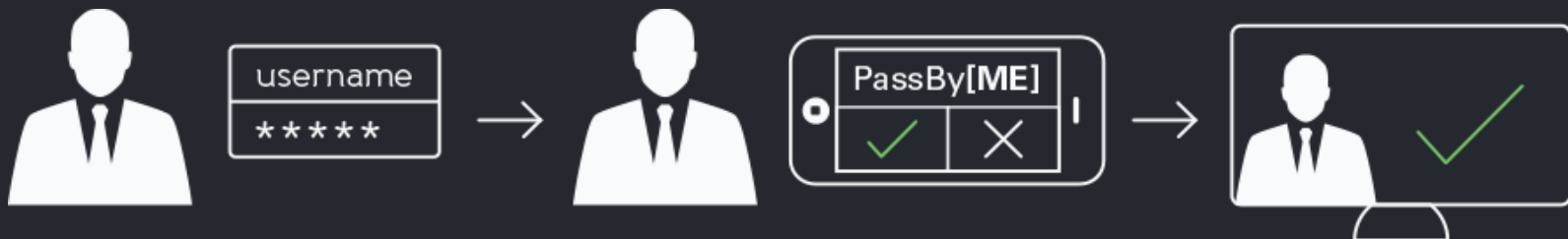
Signed Acknowledgement of receipt

The user makes the decision

Identification

Signed proof of decision

Access granted



There are no One-Time-Passwords

PASSBY[ME] Live Demo



demo.passbyme.com

MICROSEC

- 30 years of history on the Hungarian market
- Certificate Authority
- EU Secret qualified supplier
- PKI elements of high security profile systems
 - Hungarian e-Passport
- Paperless business development
 - Electronic company registry of Hungary

Our goal is to make PKI an integral part of our everyday life.



The Next Generation Authentication Solution

Thank you for your attention!

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