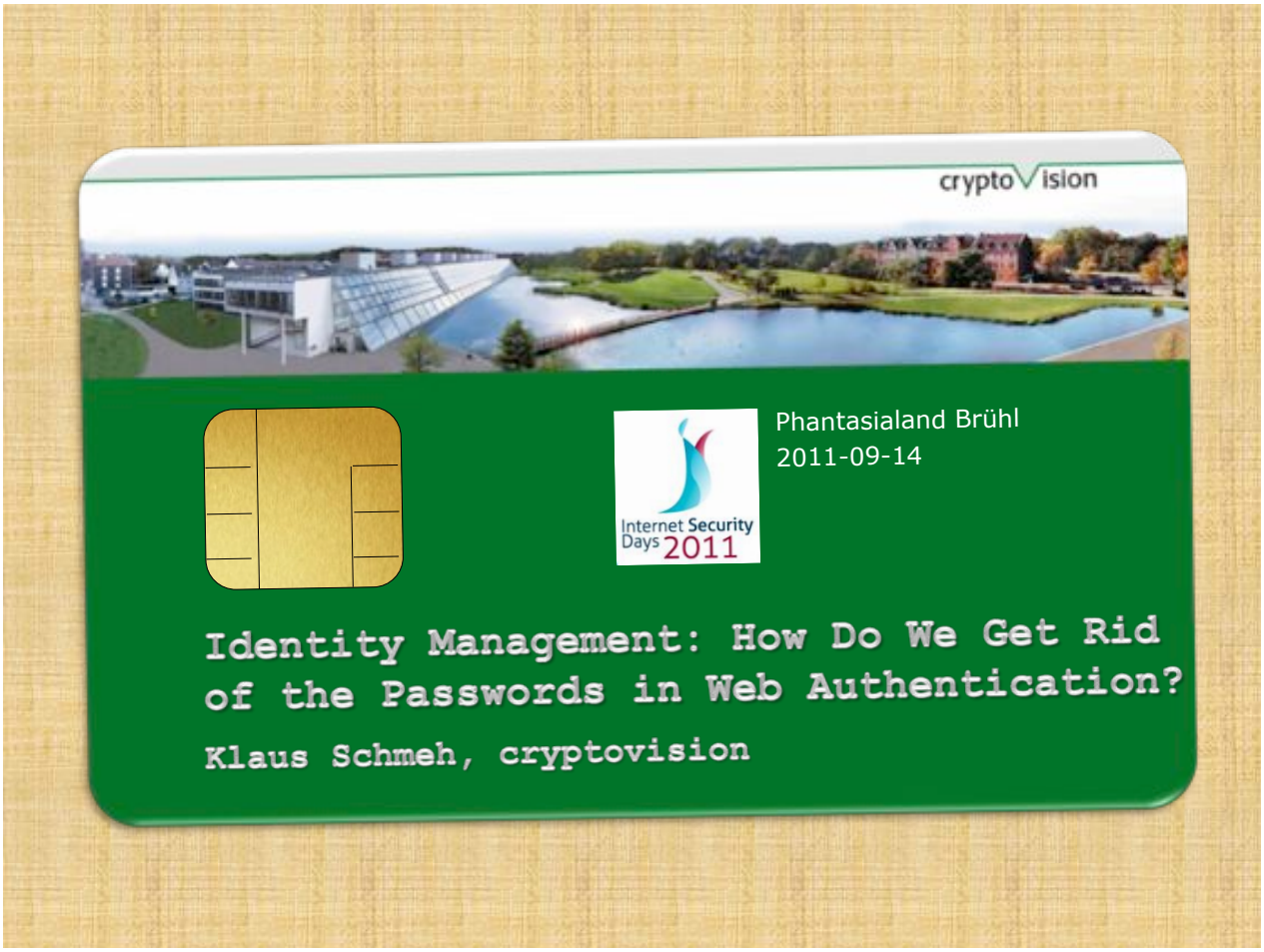
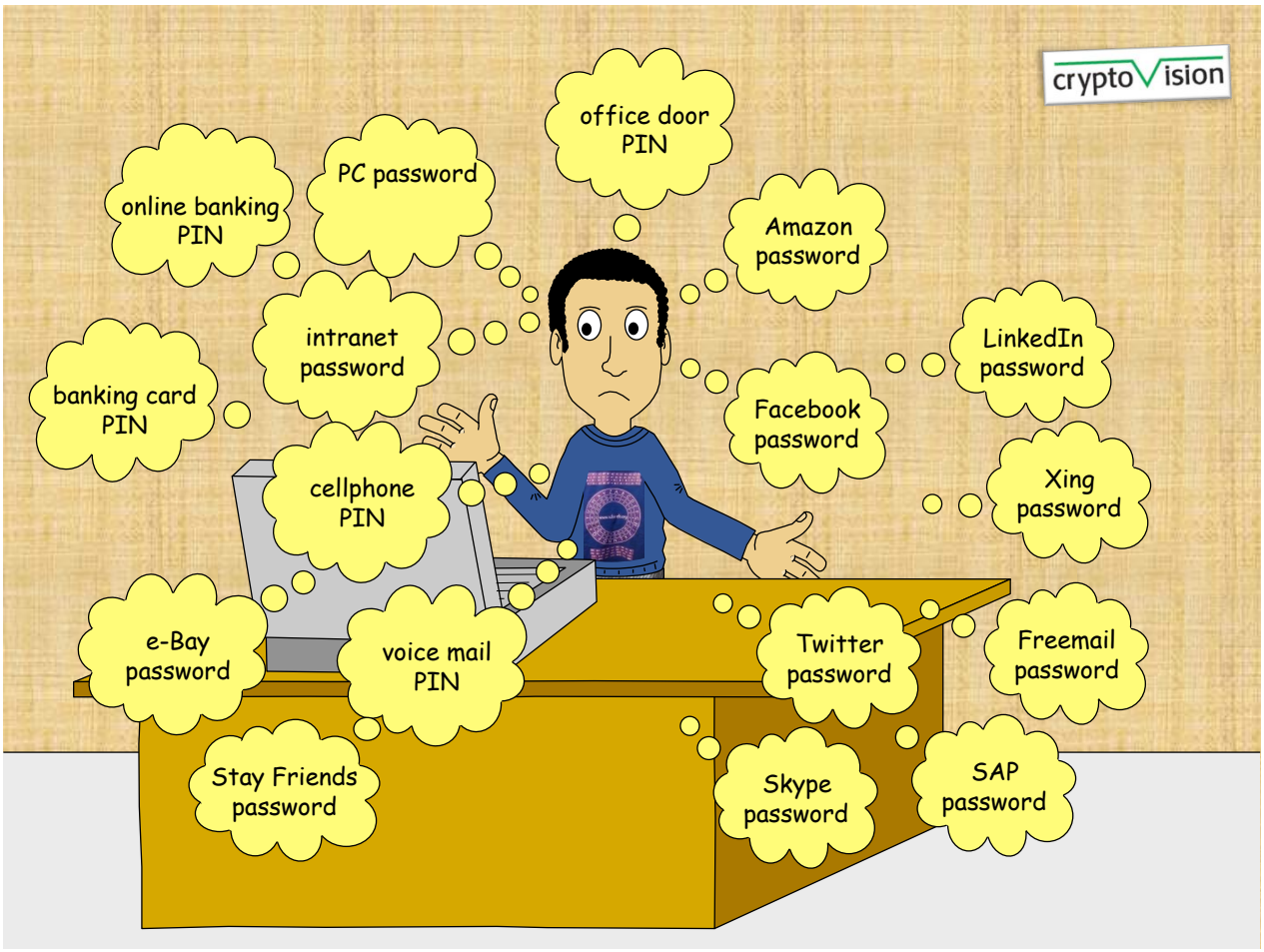

cryptovision
Phantasialand Brühl
2011-09-14
Internet Security Days 2011
Identity Management: How Do We Get Rid of the Passwords in Web Authentication?
Klaus Schmeh, cryptovision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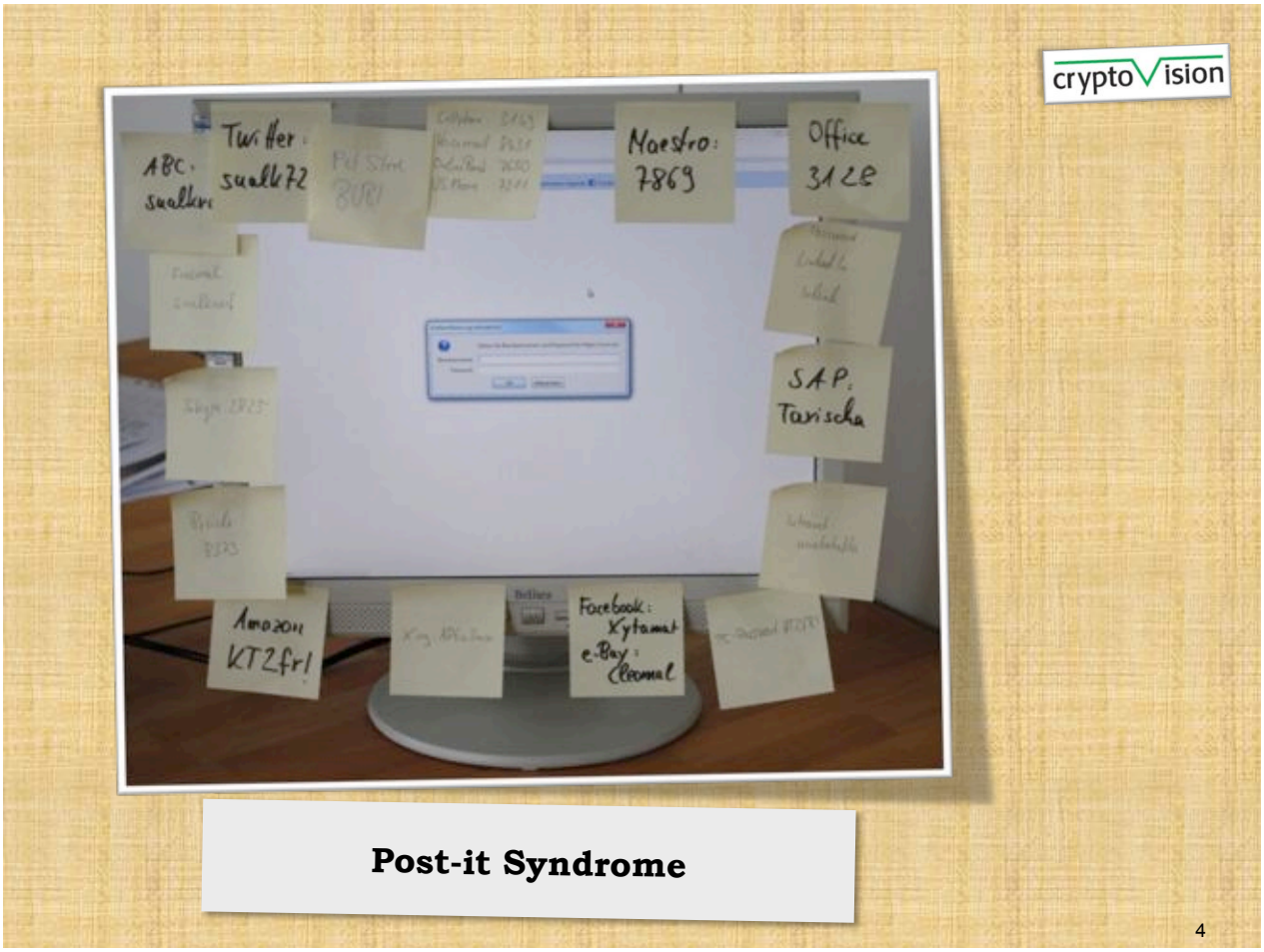
office door PIN
PC password
online banking PIN
Amazon password
intranet password
LinkedIn password
banking card PIN
Facebook password
cellphone PIN
Xing password
e-Bay password
voice mail PIN
Twitter password
Freemail password
Stay Friends password
Skype password
SAP password



Post-it Syndrome

cryptoVision

Sony's Security Breach May Be the Biggest Personal Data Heist in History

by Lina on May 4th, 2011 in Industry and Security News, Security Alert.

, huge amount of personal data was exposed in a recent Sony hack. Today, Sony isclosed that the security breach affecting almost 77 million PlayStation Network users, nay also have affected 24.5 million users of Sony Online Entertainment, making this the

Security experts now recommend changing passwords.

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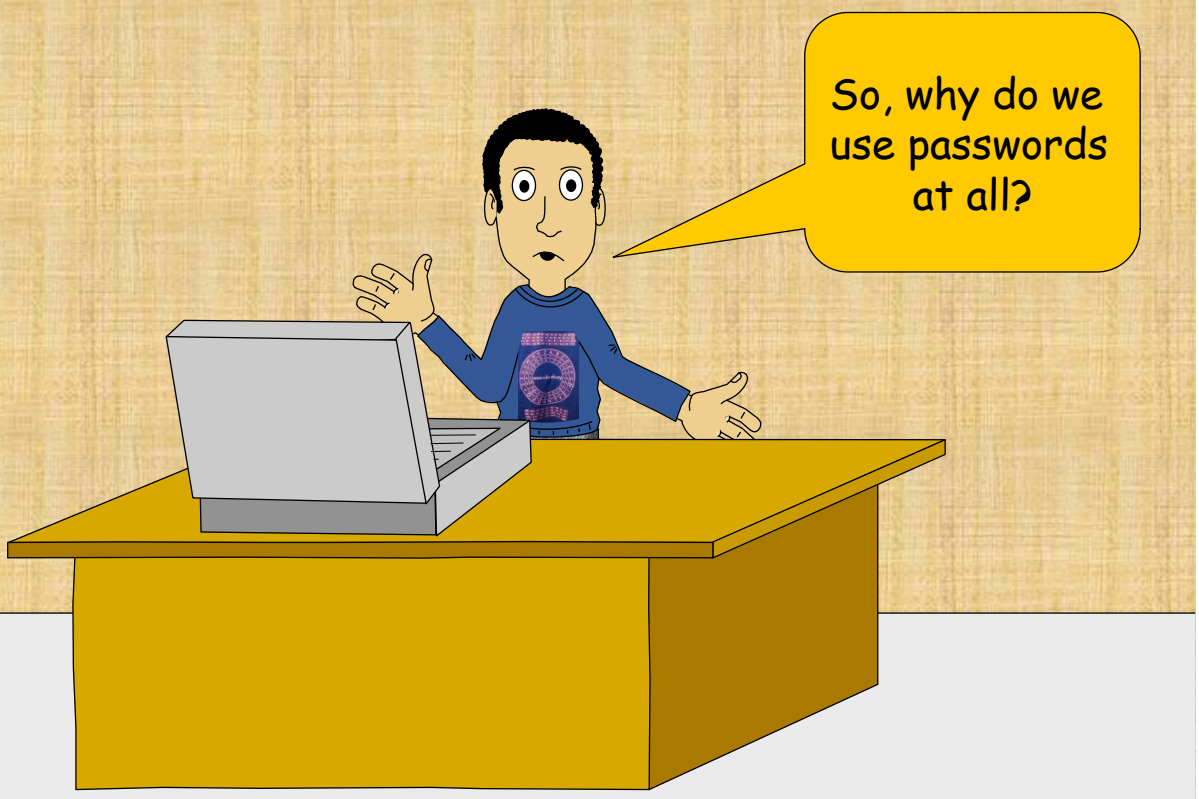

Password alternatives

OTP Tokens

Smart Cards

How Do We Get Rid of the Passwords in Web Authentication?

How can we make smart cards more popular in Web Authentication?

Specialized on cryptography

More than 50 million people use our solutions.

Products: smart card middleware cv act sc/interface and many others

Use Smart Cards. It‘s secure.

Use Smart Cards. It‘s secure.

Secure key storage

Security due to digital signatures

Security due to photograph

Security due to PIN

Secure processing

Security due to PIN counter

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Secure key storage

Security due to digital signatures

Security due to photograph

Security due to PIN

Secure processing

Security due to PIN counter

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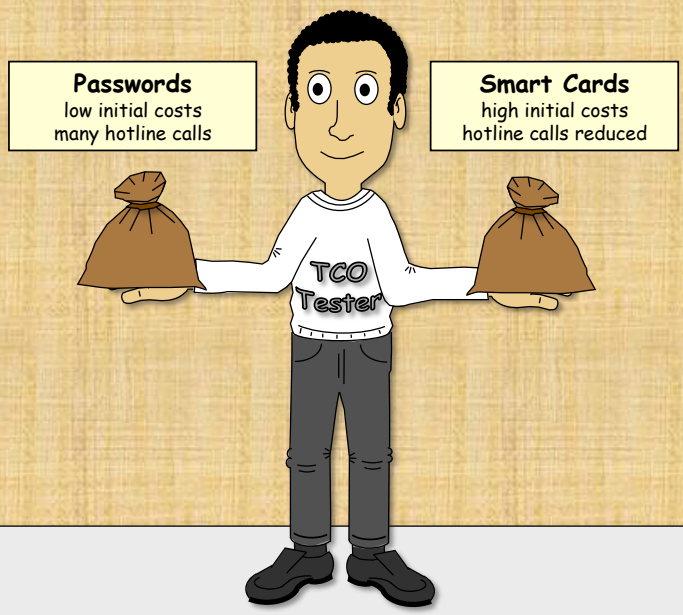
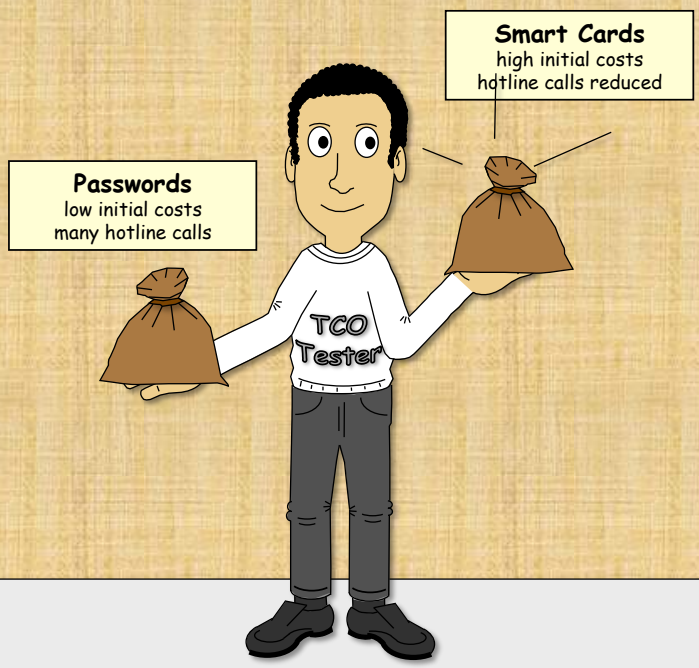
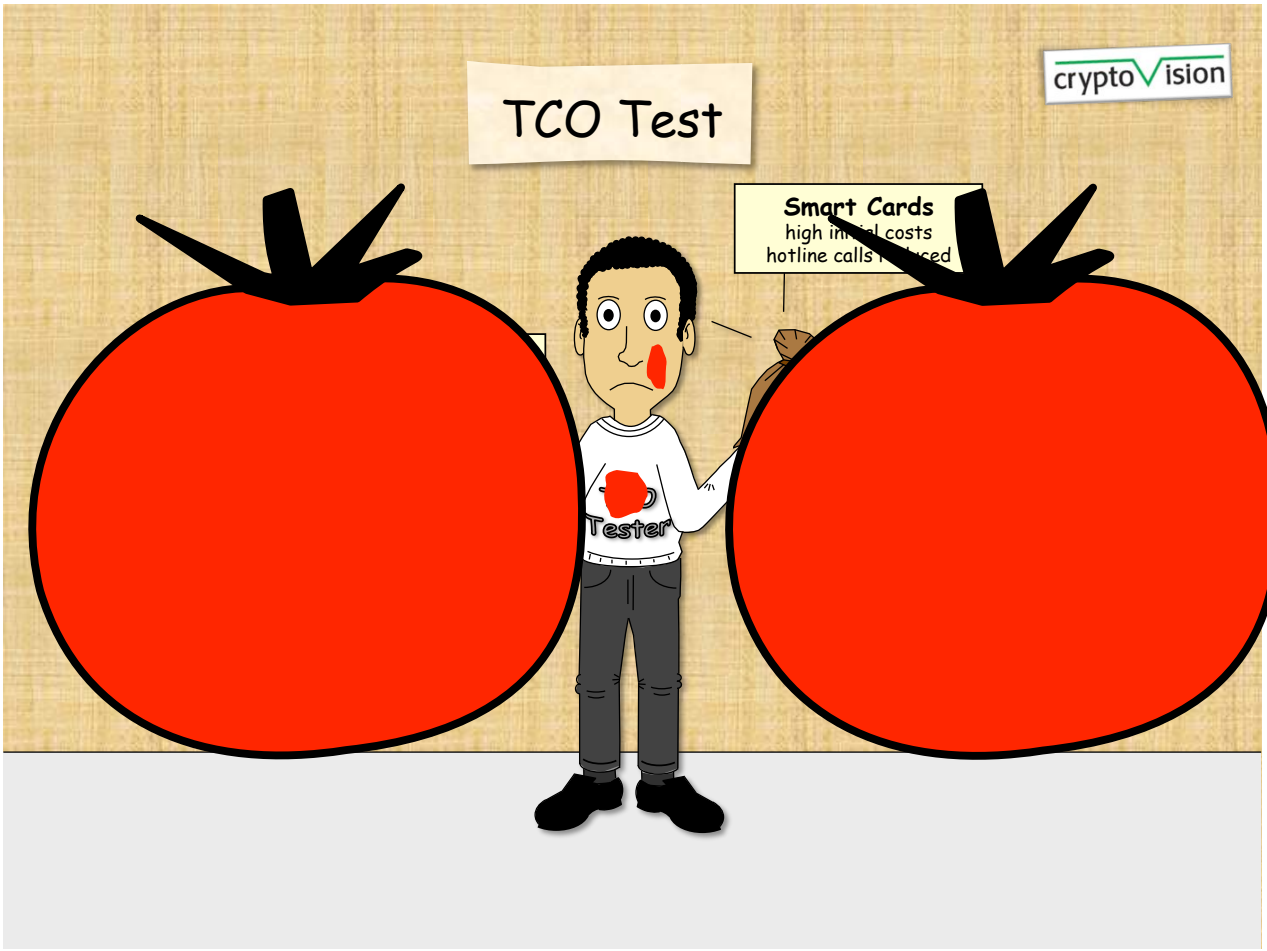
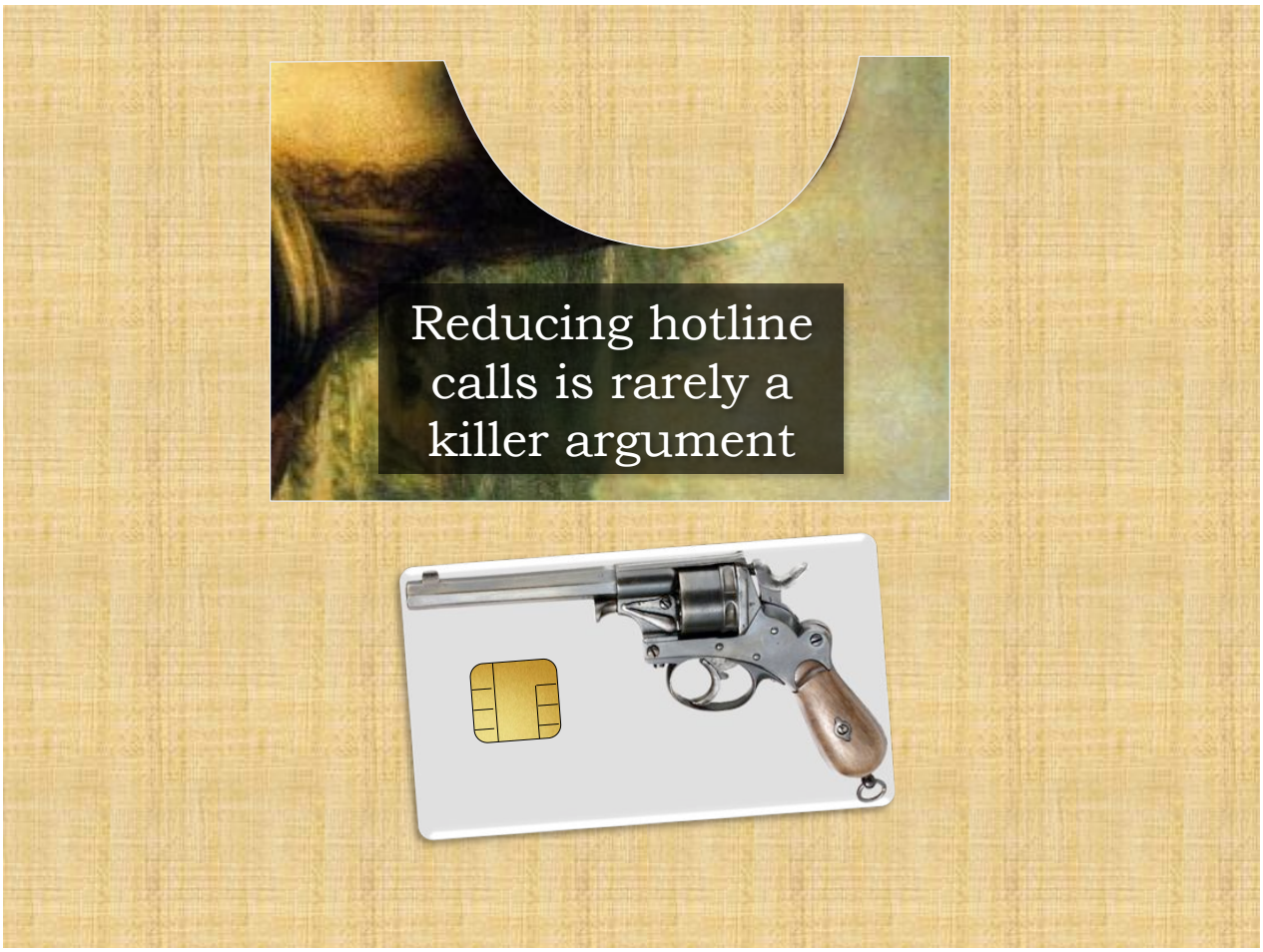
TCO Test



TCO Test

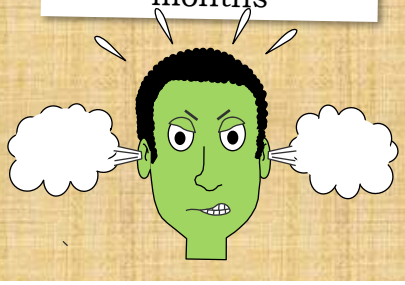



TCO Test
cryptoVision
Smart Cards
high
costs
hotline calls
Tester


Reducing hotline calls is rarely a killer argument

Passwords

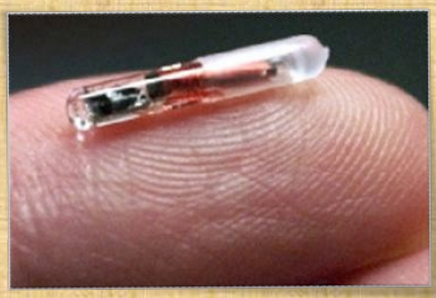
- at least 10 characters
- at least 1 upper case
- at least 1 lower case
- at least 1 numerical character
- at least 1 &-!#*
- change every 3 months

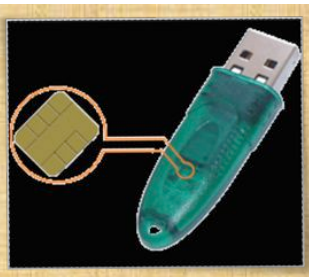


Smart Cards

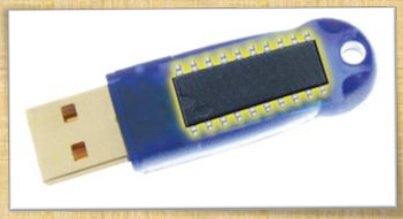
- 4 digits

crypto Vision



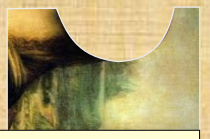


Form Factors



Where the hell is the killer argument?

Security

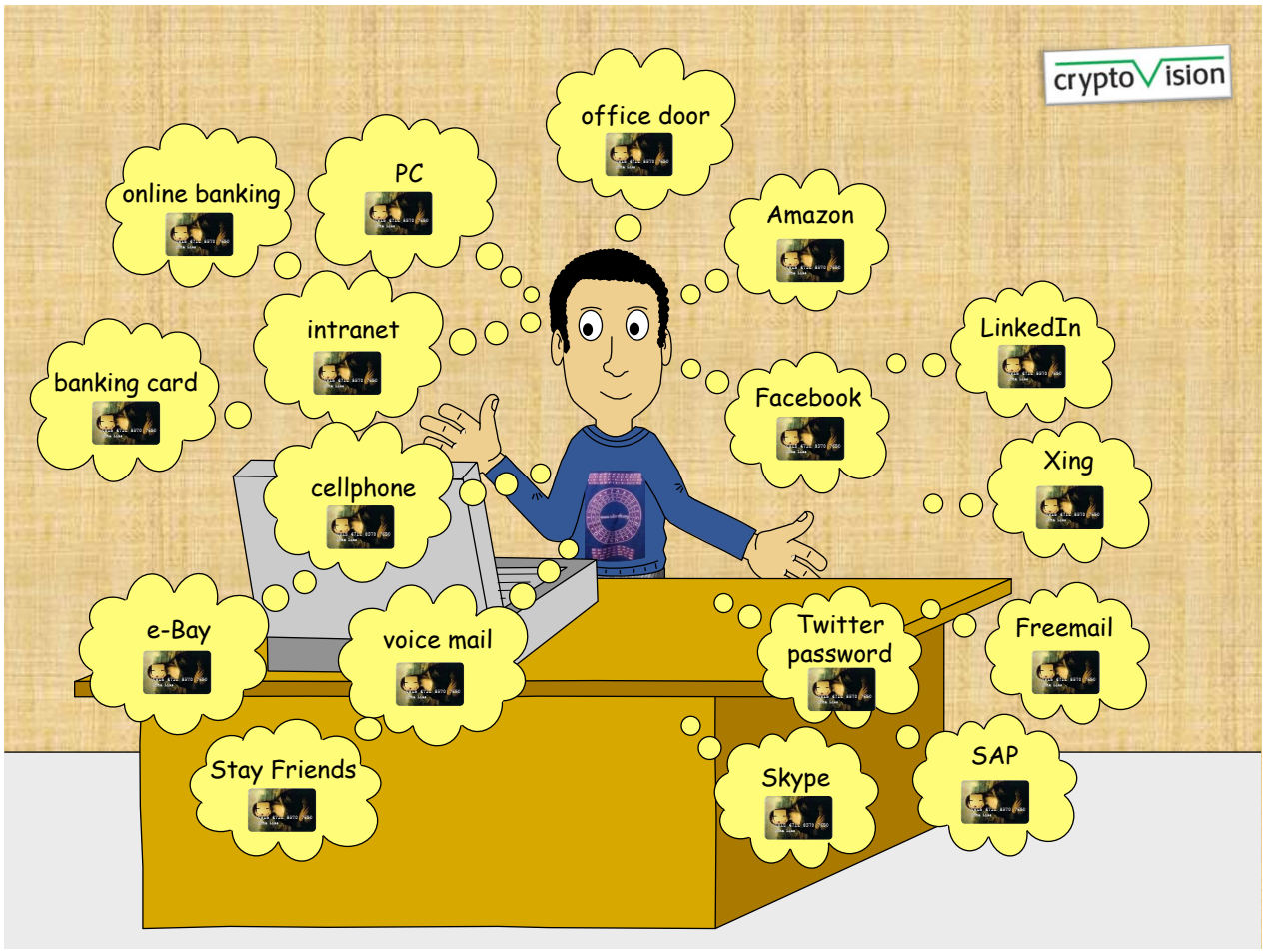


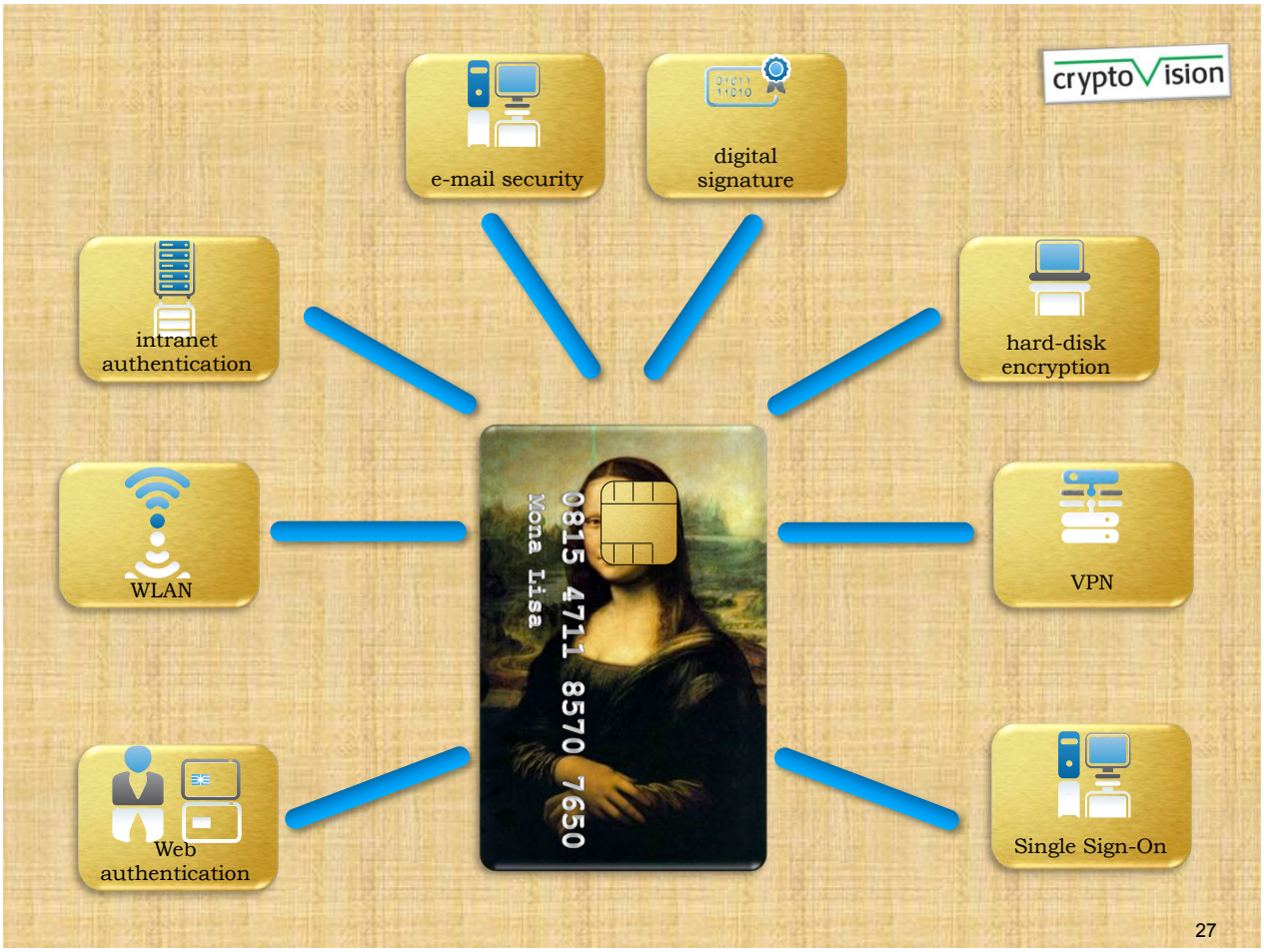
Less helpdesk calls

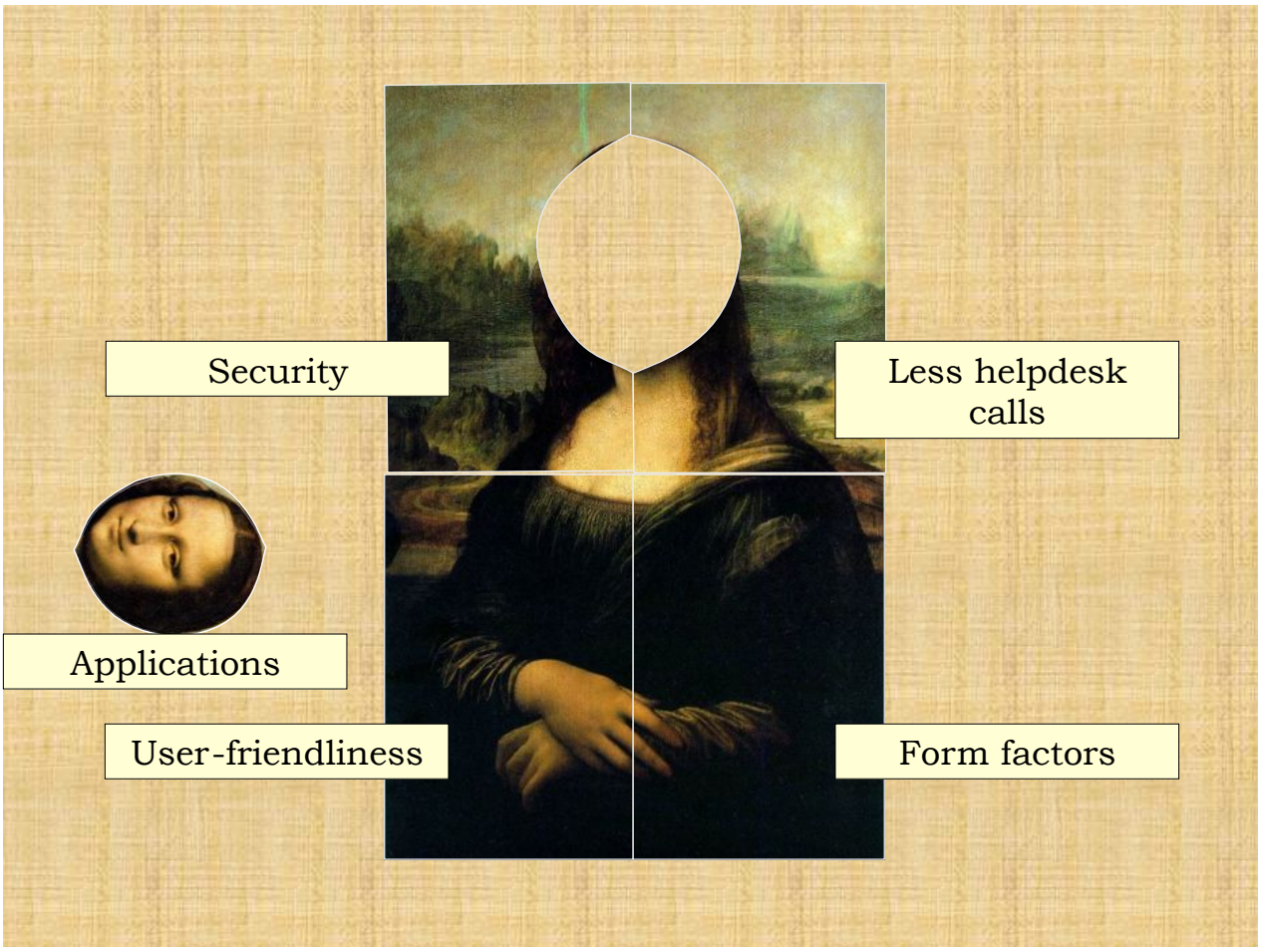
User-friendliness

Form factors

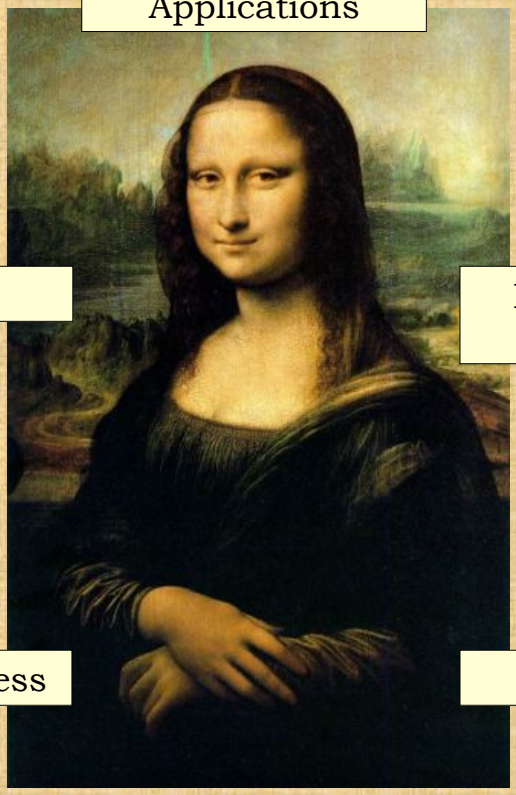
It‘s the apps, stupid!




cryptoVision
e-mail security
digital signature
intranet authentication
hard-disk encryption
WLAN
VPN
Web authentication
Single Sign-On
Mona Lisa
0815 4711 8570 7650


Security
Less helpdesk calls
Applications
User-friendliness
Form factors

Applications



Security

Less helpdesk calls

User-friendliness

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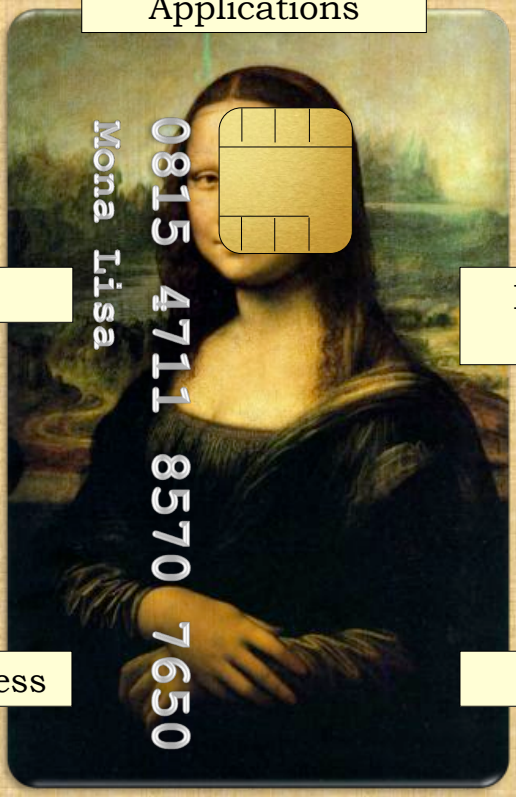
Applications



Security

Less helpdesk calls

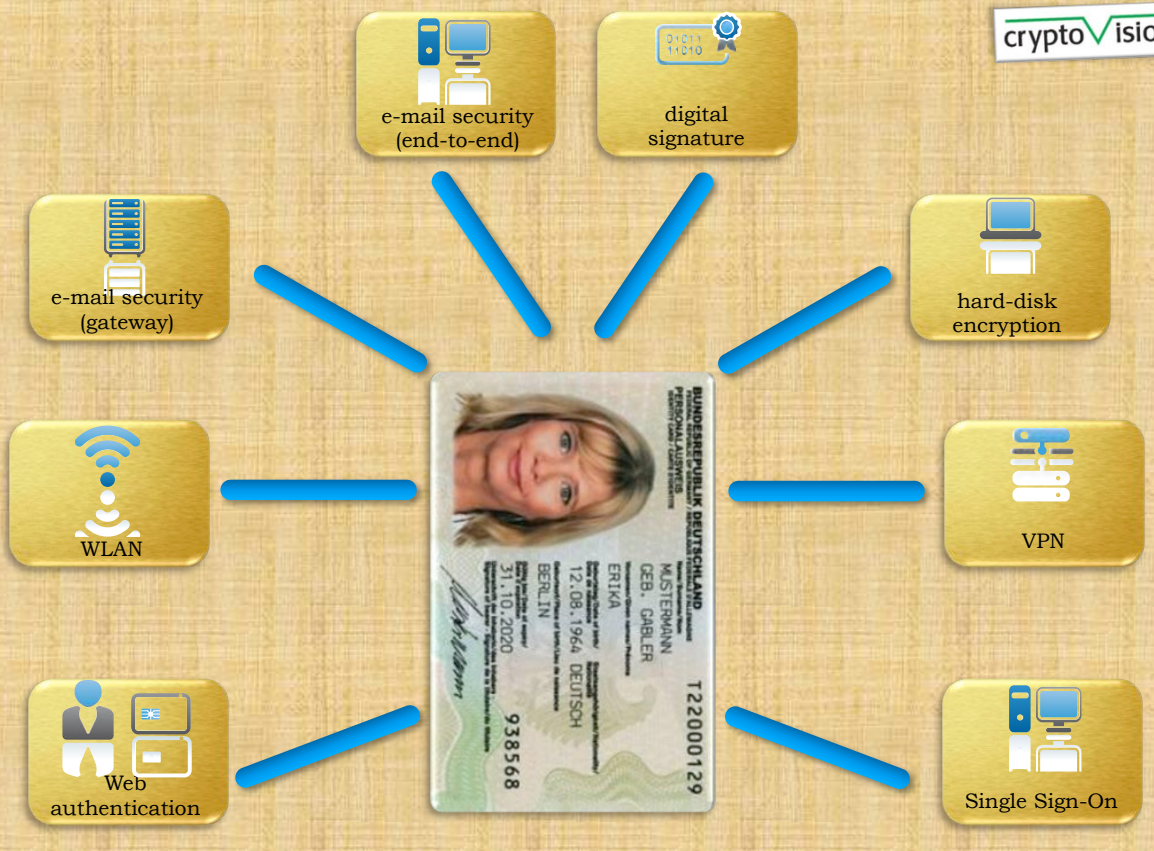
User-friendliness

Form factors

cryptoVision
skype
XING
facebook
LinkedIn
ebay
amazon
ODDSET
0815 4711 8570 7650
Mona Lisa

cryptoVision
skype
facebook
XING
LinkedIn
ODDSET
amazon
ebay
0815 4711 8570 7650
Mona Lisa

New German Identity Card



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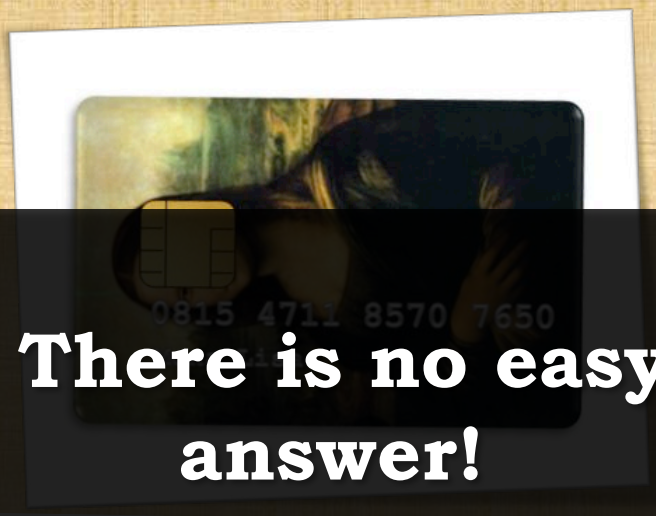


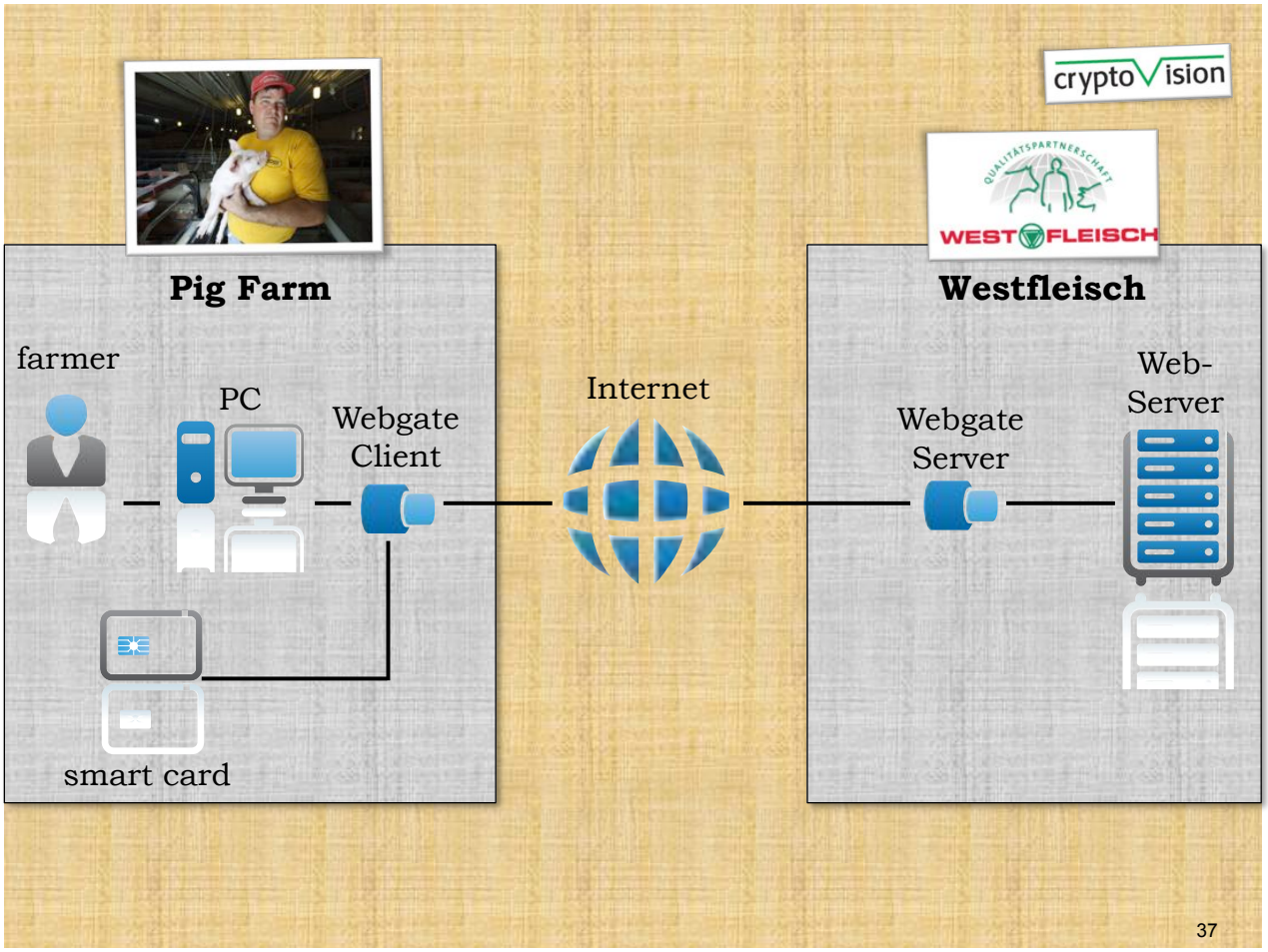
There is no easy answer!

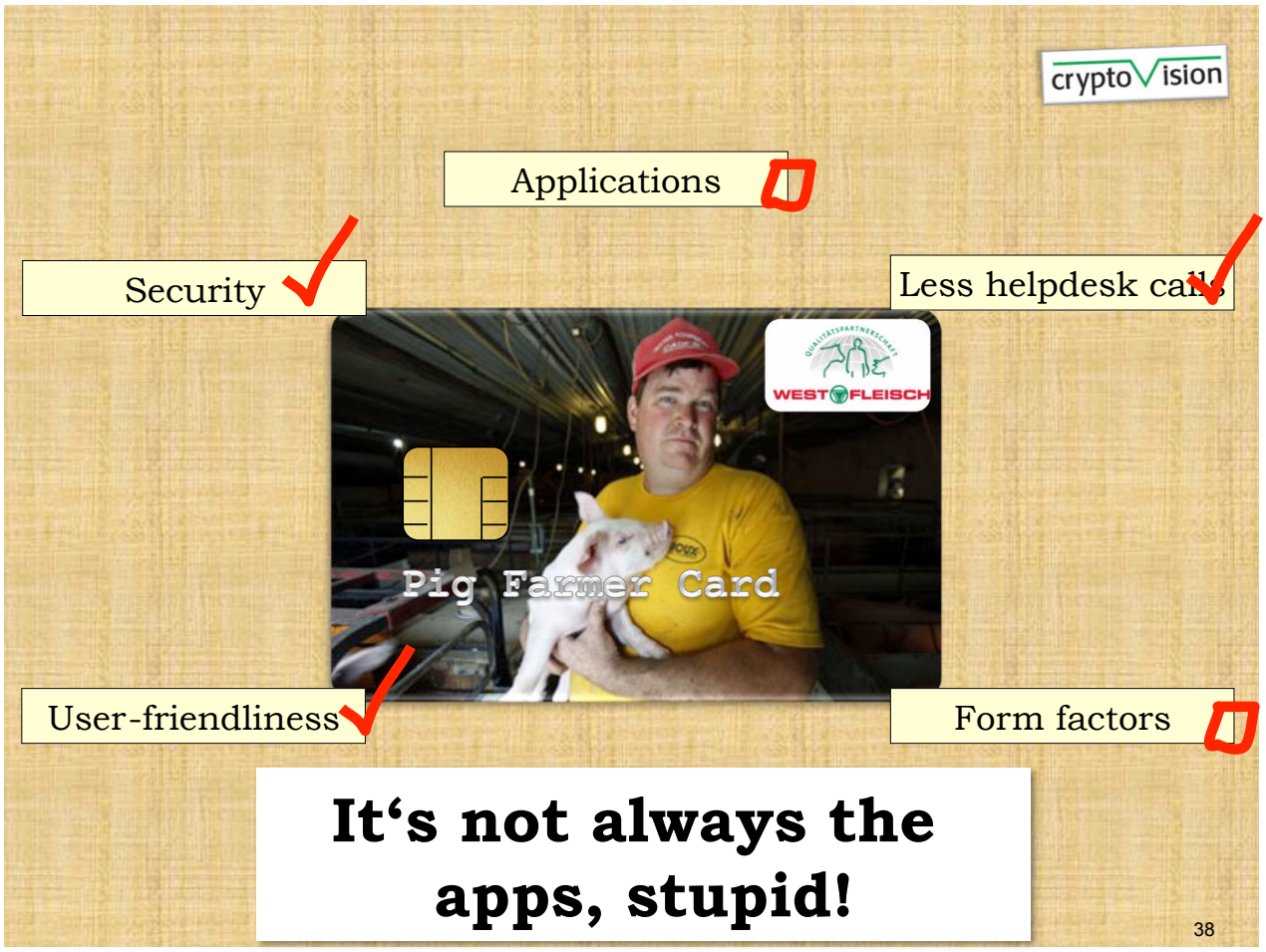
How can we make smart cards more popular in Web Authentication?

cryptoVision

QUALITÄTSPARTNERSCHAFT

WEST FLEISCH


cryptoVision
QUALITÄTSPARTNERSCHAFT
WESTFLEISCH
Pig Farm
Westfleisch
farmer
PC
Webgate Client
Internet
Webgate Server
Web-Server
smart card


cryptoVision
Applications
Security
Less helpdesk calls
QUALITÄTSPARTNERSCHAFT
WESTFLEISCH
Pig Farmer Card
User-friendliness
Form factors
It‘s not always the apps, stupid!

cryptovision
It's a long road to smart cards in web authentication.
But we have to go it.

cryptovision
Questions?