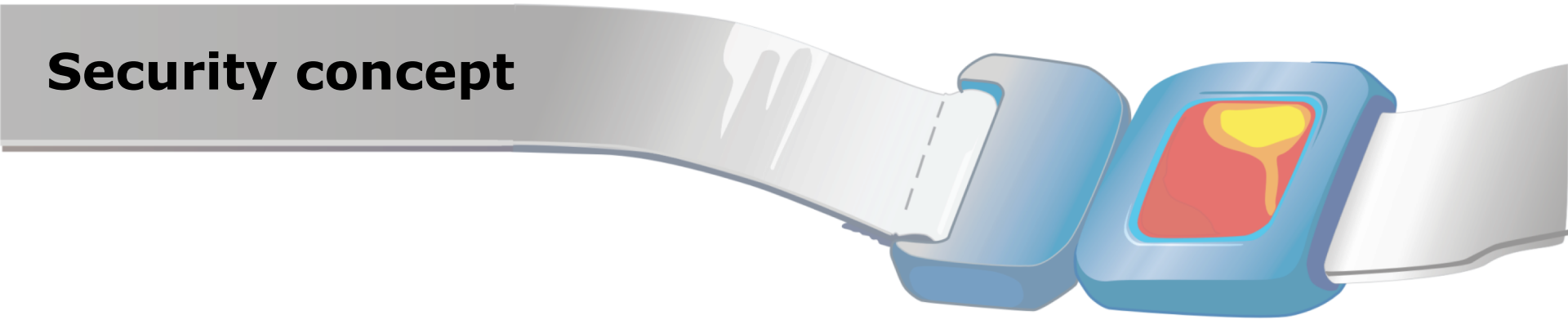
Security concept



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Issues

knowledge

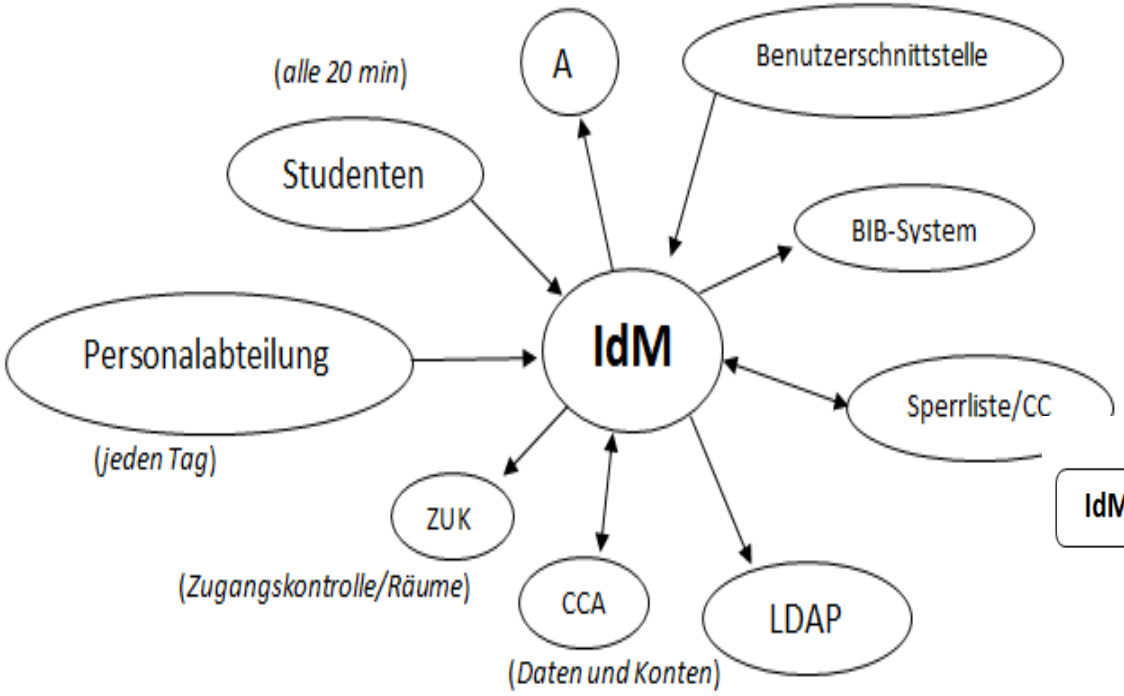
Complicated in daily business

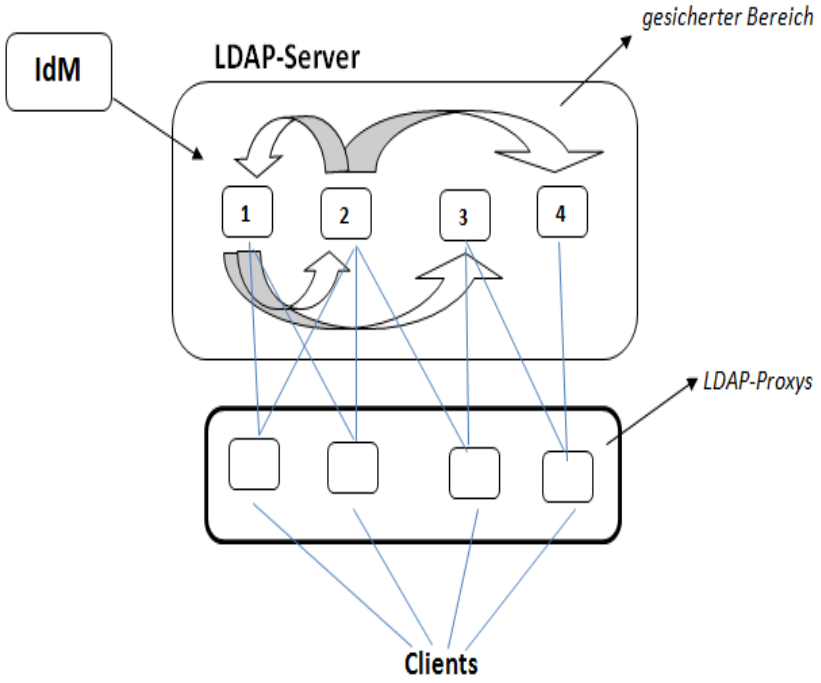
Time consuming

- Improvement of authentication mechanism
- Broaden the knowledge for encryption

Alternative solutions for UserID / Password

Who needs additional protection





2nd Factor solutions

- OTP
  - TAN List
  - Hardware Token
  - Software Token
  - SmartCard
- Biometric
  - Iris (Mobilphone)
  - Fingerprint

Criteria:

robustness, complexity,feasibility, acceptance, costs, installation effort, state of the art

result:

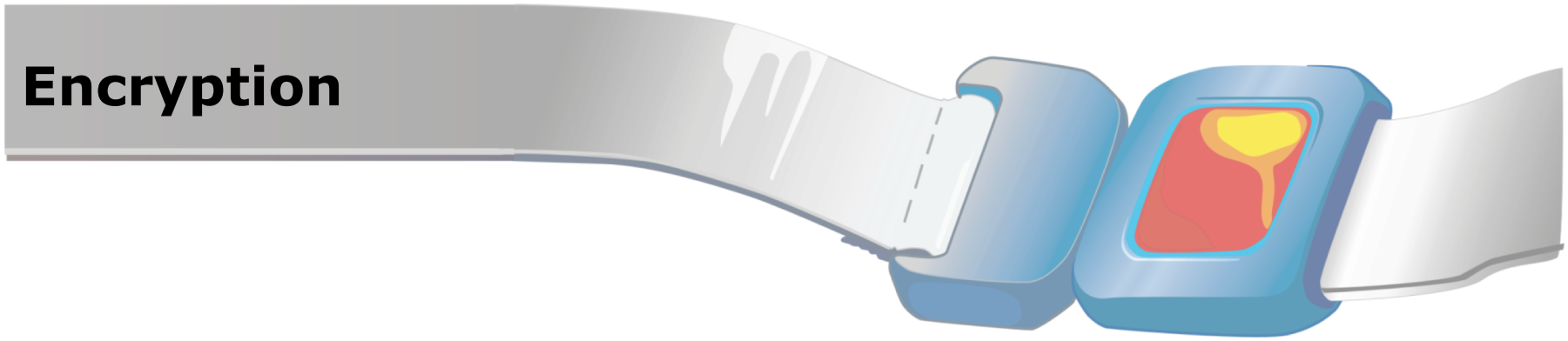
OTP Tokens / TAN


CONCEPT
STRATEGY
PLAN
HAVE
REALESCHION
AND THEN...
MONTH TAU
A. 640.320.00
B. 144.000.00
C. 286.000.00
D. 255.500.00
E. 540.000.00
RIGHT NOW DOWN
LOADING TU SERVER
MAIN
SALES NOT EVERYONE
MONEY RECYCLING
45% IS
15% - ???
A. B. C.
MARKETING
MONEY IS
SUCCESS!
MAIN
OTHER
SUB
300
2000

Selection 2nd Factor

- Linux (SSH, Google Authenticator)
- Windows (Rohos)
- HISinOne (TAN lists)

Encryption



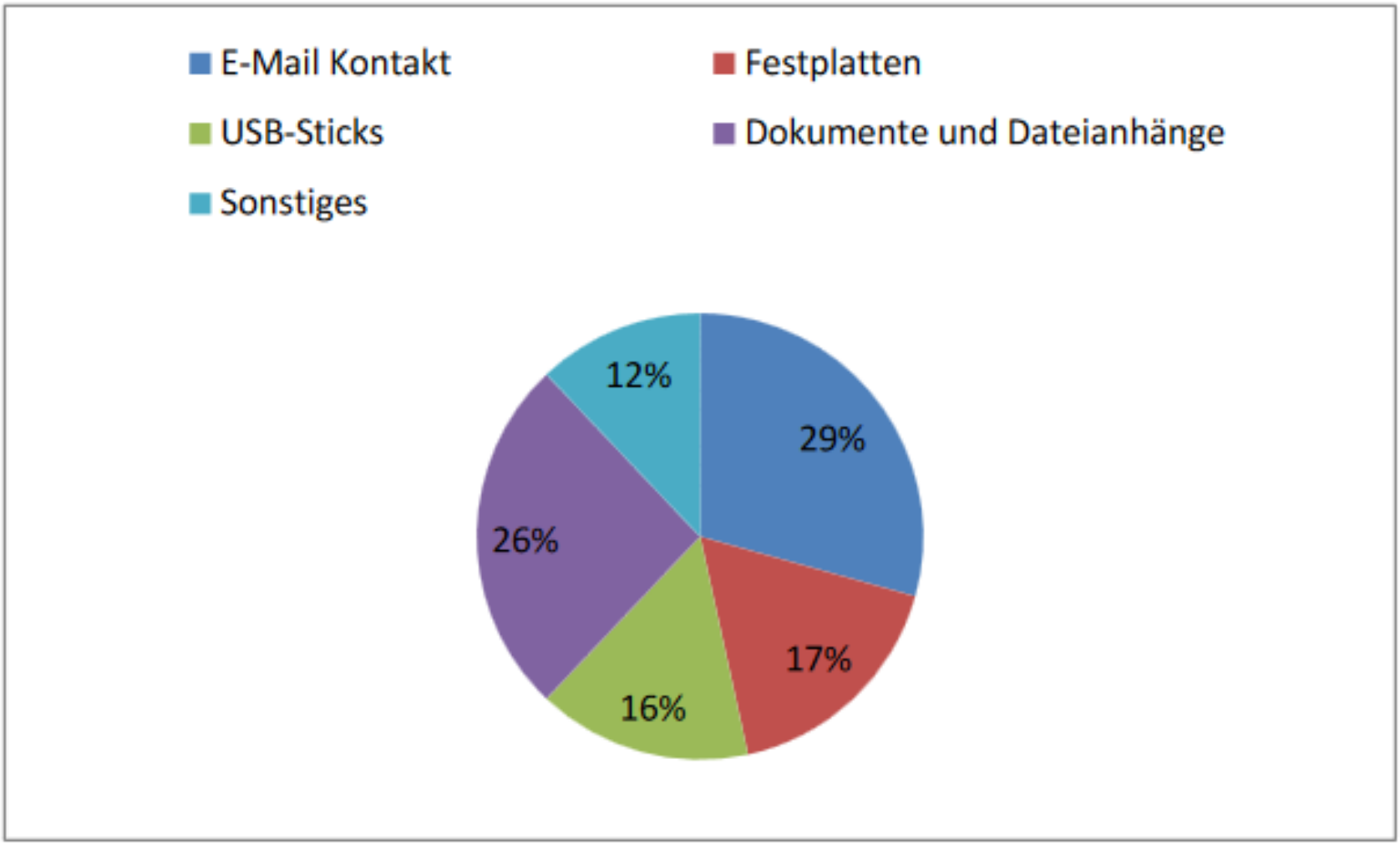
Encryption and key management

Chose approbriate encryption solution

Create use manuals

Check recovery and key escrow

need for Encryption



Manual for

- Cloud systems

- Mobile data storage

- Disk encryption

- E-Mail certificates

- Smartphones

- deletion

Business cards

Risk ID	Asset	Value	Threat	Existing Controls	Still existing vulnerabilities / weaknesses	Impact	Likeli-hood	Risk	Risk owner	Actions
01	access logs in database	medium	disclosure	authorized access, strong passwords	information disclosure with reduced likelihood	2	1	2	Data centre	Awareness, guidelines for handling with access logs, separated networks, authorized access, strong passwords
02	access logs in database	medium	tampering	authorized access, strong passwords	tampering with reduced likelihood	3	2	6	Data centre	Awareness, guidelines for handling with access logs, separated networks,
04	authorization groups	high	tampering	authorized access, strong passwords	tampering	4	2	8	Data centre, HR	Awareness, guidelines, separated networks,

Thank you

Any questions?