SUMMARY

Regulations apply - whatever you do!

Encryption is not for free!
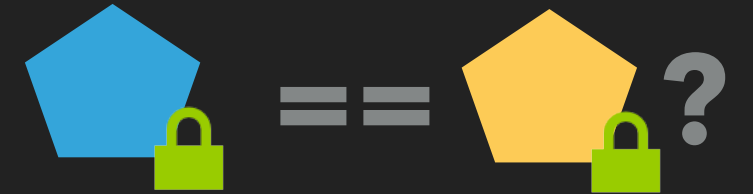
No encryption might be way more expensive!

Encryption is a safety net (*last* line of defence)

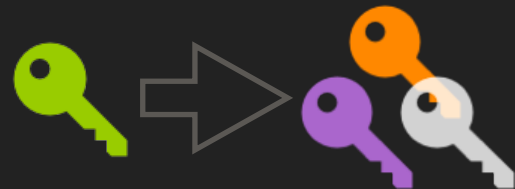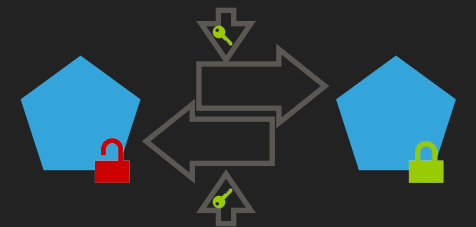**–> Assess risks & cost, plan, implement!**
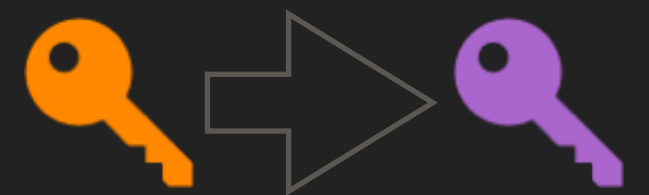
SUMMARY

Comparing data

Transparent encryption

Storing data

Key derivation

Key refresh

Algorithm rollover

DES BLOWFISH AES

MD5 SHA-1 SHA-256

RSA-1024 RSA-2048 ?? POST QUANTUM ??