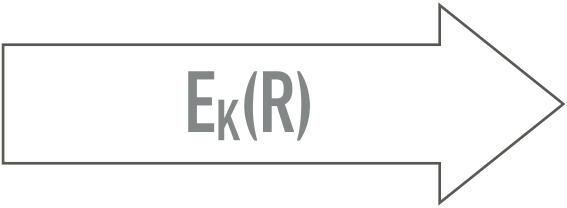
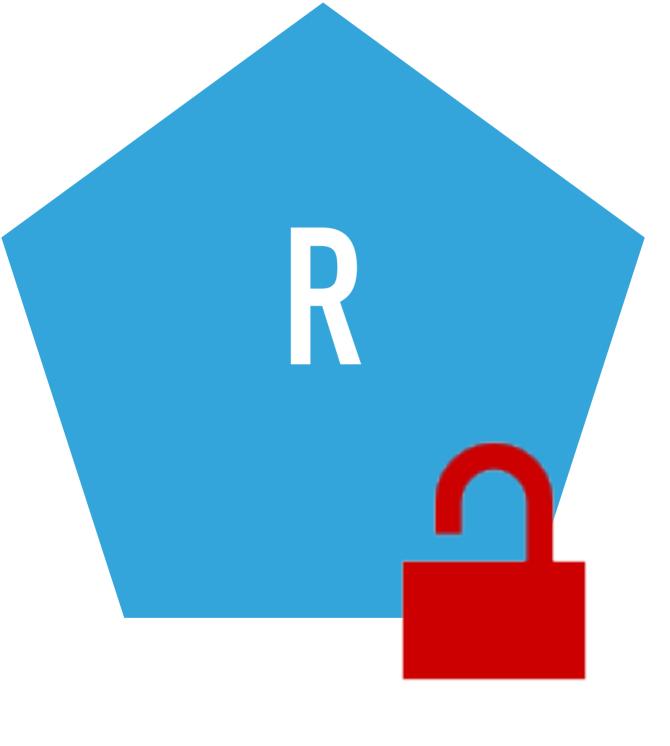




### JENS NEUHALFEN

### SLEEP BETTER WITH CONTENT ENCRYPTION









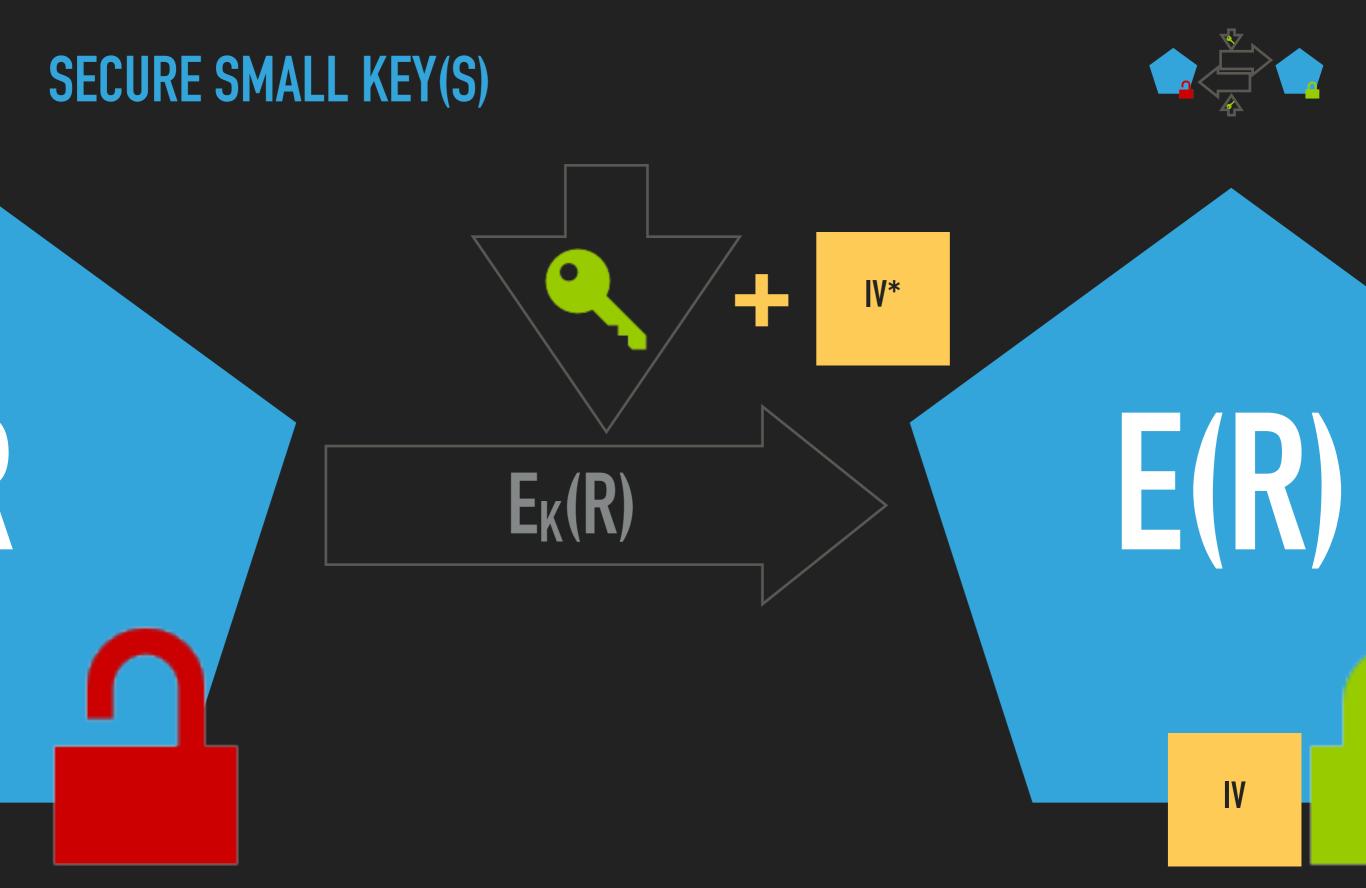
# SECURE SMALL KEY(S)





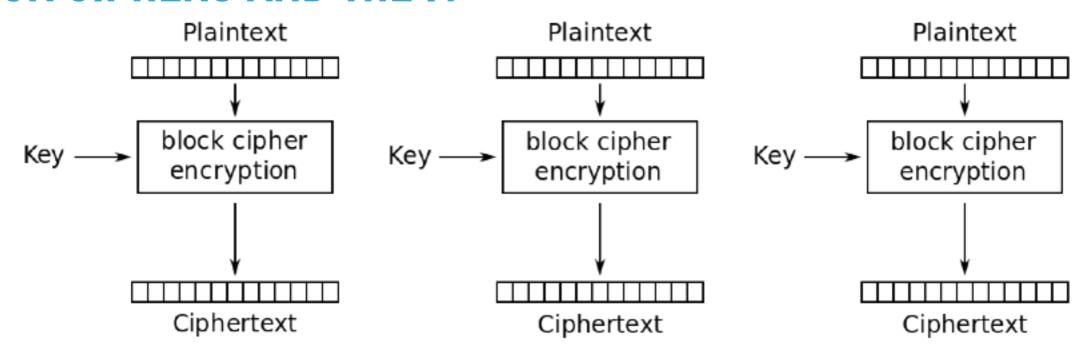
IV

(\*) IV - Initialisation Vector. Used in many cryptographic operations. Like a salt. Must be random, might be public.

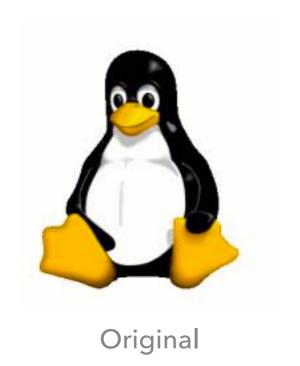


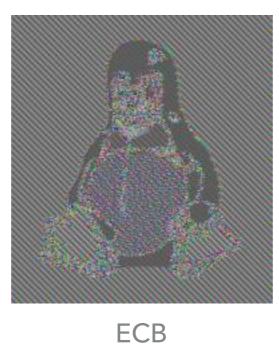
(\*) IV - Initialisation Vector. Used in many cryptographic operations. Like a salt. Must be random, might be public.

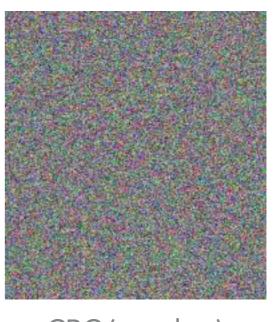
## **BLOCK CIPHERS AND THE IV**



### Electronic Codebook (ECB) mode encryption







CBC (or other)

https://en.wikipedia.org/wiki/Block\_cipher\_mode\_of\_operation