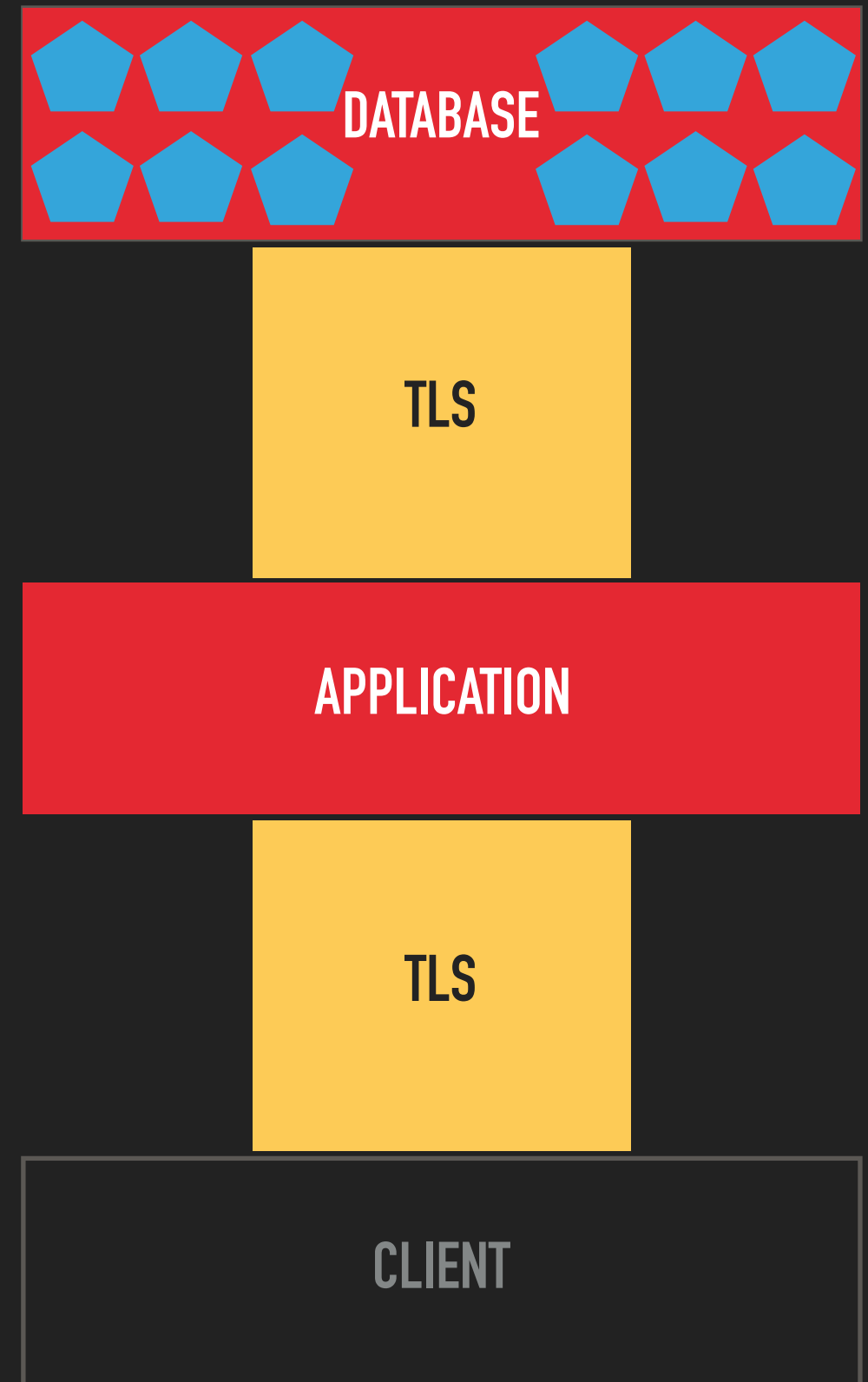


## WHAT ABOUT TLS?

- ▶ Data is at rest for ~99.99998% of the time (\*)
- ▶ Also: Heartbleed, POODLE, DROWN, Lucky13, Logjam, FREAK, ...
- ▶ Also: Backups!

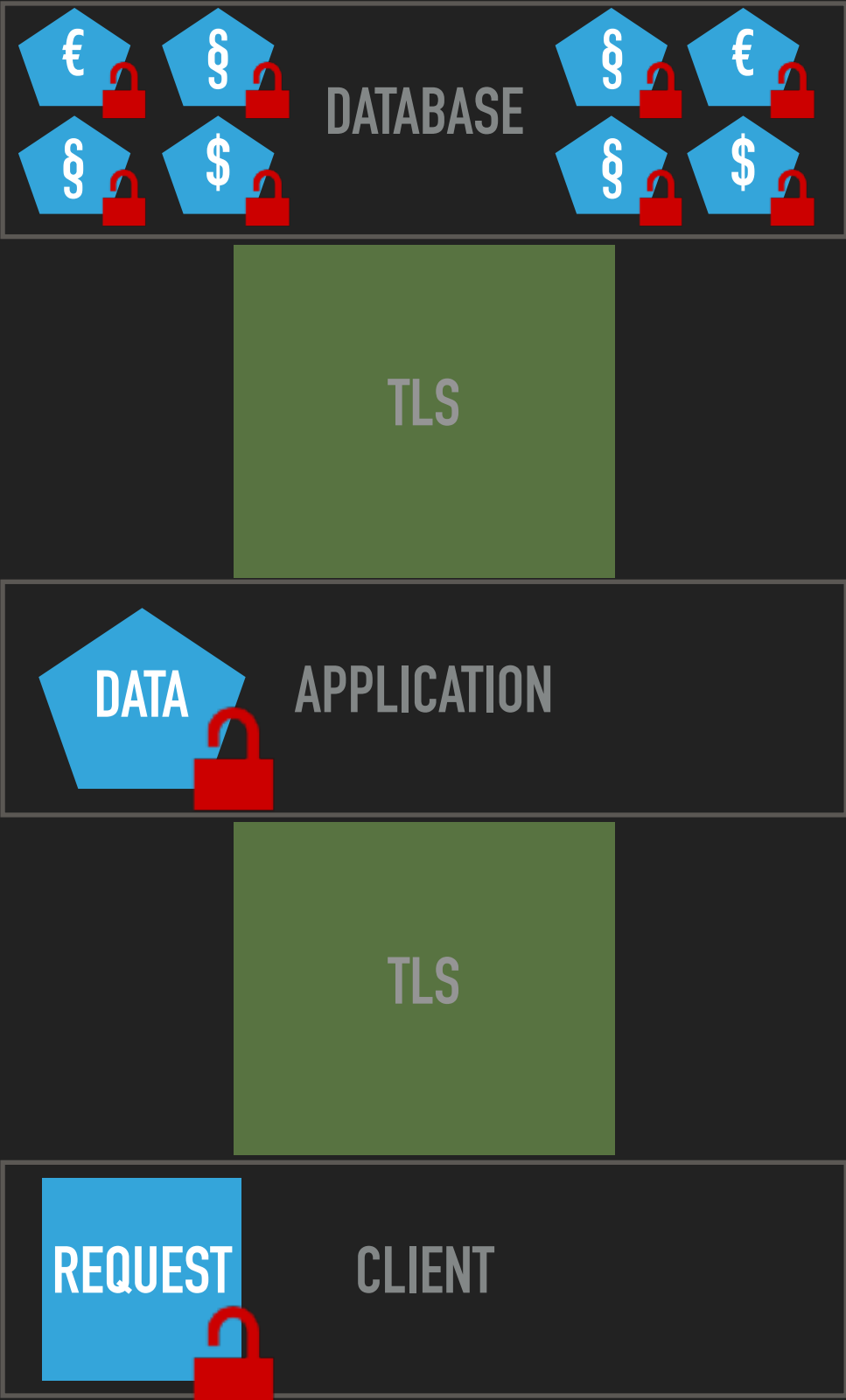
## WHAT IS CONTENT ENCRYPTION?

- ▶ Encrypt\*\* data 'itself'
- ▶ E.g. encrypted\*\* data at rest
- ▶ Even: Protected\*\* data while working with it



(\*) 10s transit / 2 years storage

(\*\*) Cryptographically protected - details later!



VS.

