Full disclosure depends on allocations
Different levels of trust: missile $\in$ TCB vs. YouTube $\notin$ TCB

Cost:
- Write code yourself
- Check code by multiple people
- Cross-check
- Trusted authority for software

**Core Secure System Design Principles:**
- Keep it SIMPLE! (small TCB) “Economy of mechanism”
- Fail safe defaults -> Defaults Deny – fails loudly, Default Allow – fails silently
- Least Privilege e.g, customers have less power than employees in DB.
- Complete mediation
- Minimize access paths
- Separation of privilege

Example:
Worms will be spread all over the Internet!
Least share mechanism, least shared states, separate account system