

Authentication through Multi-Device Interaction

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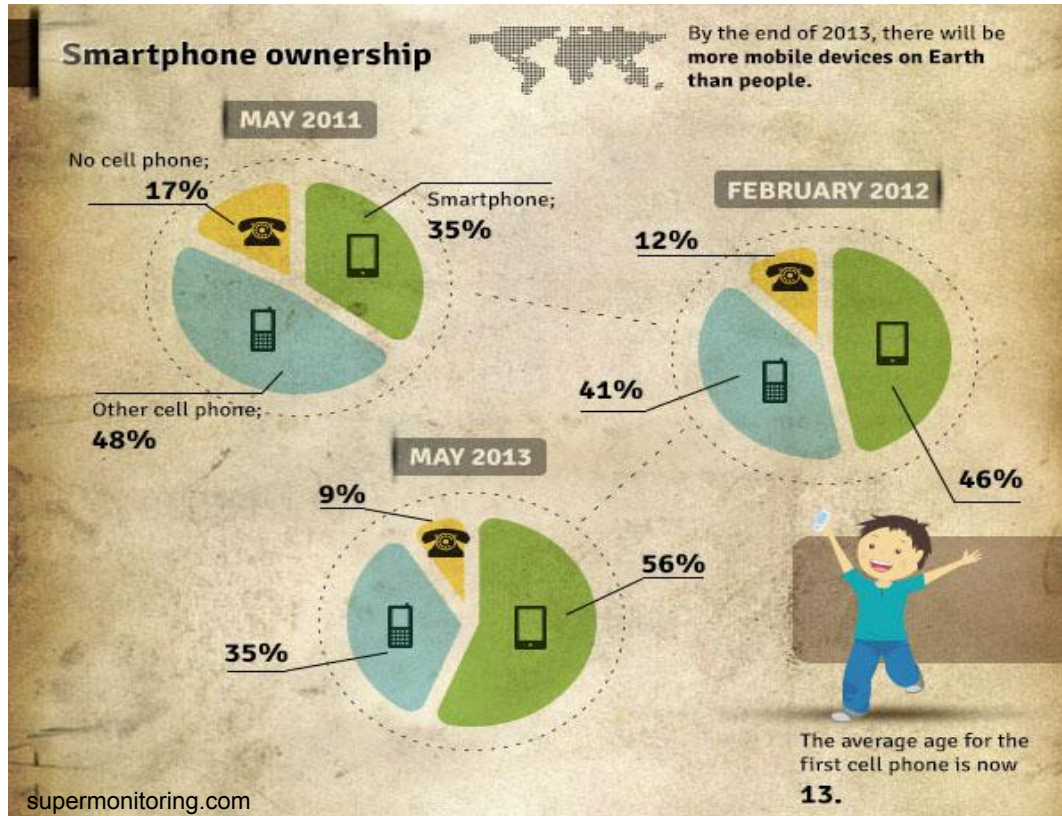
Dimitry Golgof

Authentication

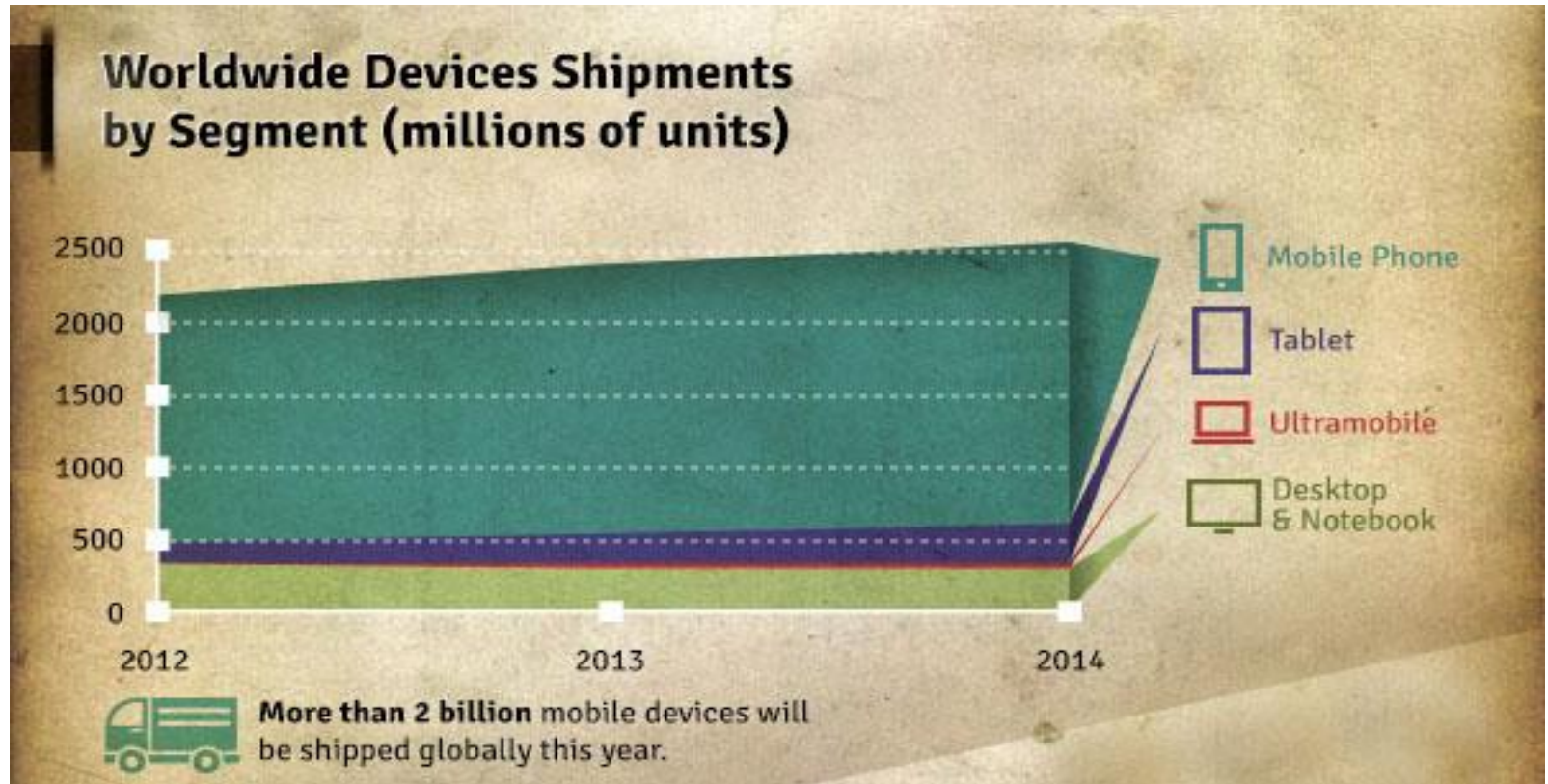
- Popular :
 - username/password
- Alternative :
 - multifactor authentication
 - one time password (OTP)



Devices availability

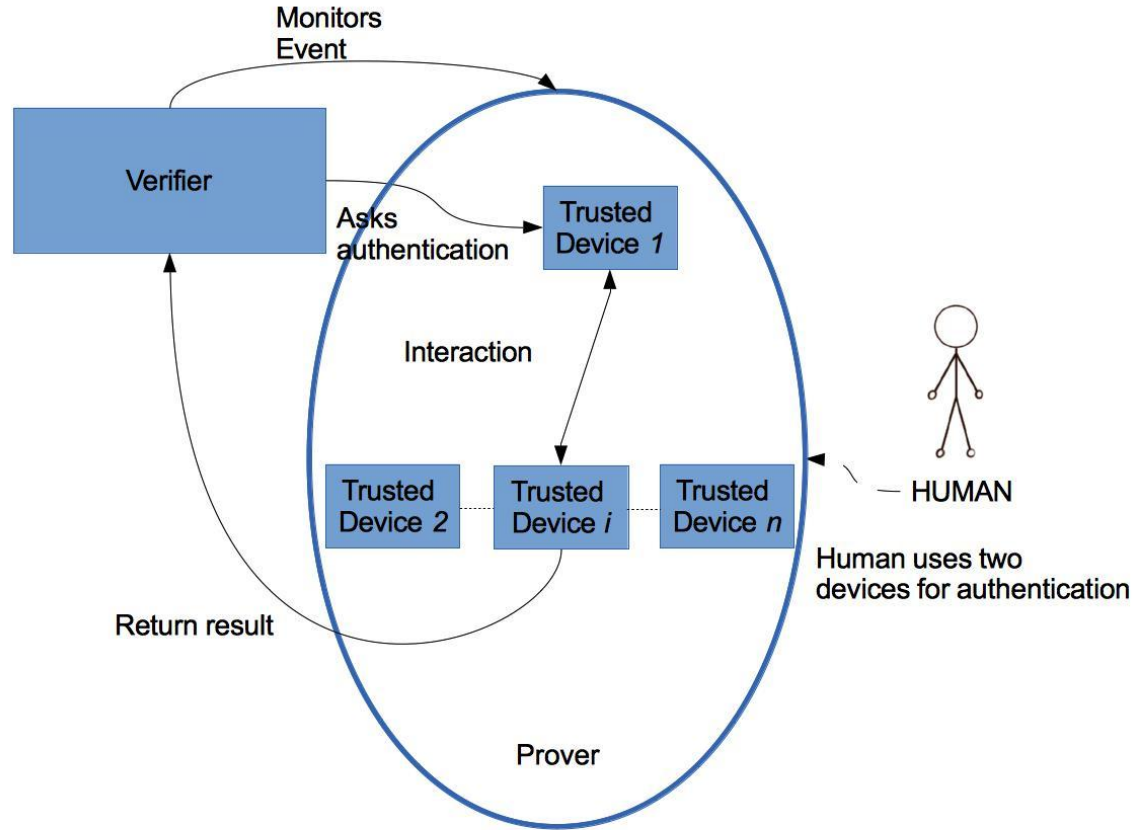


Devices available



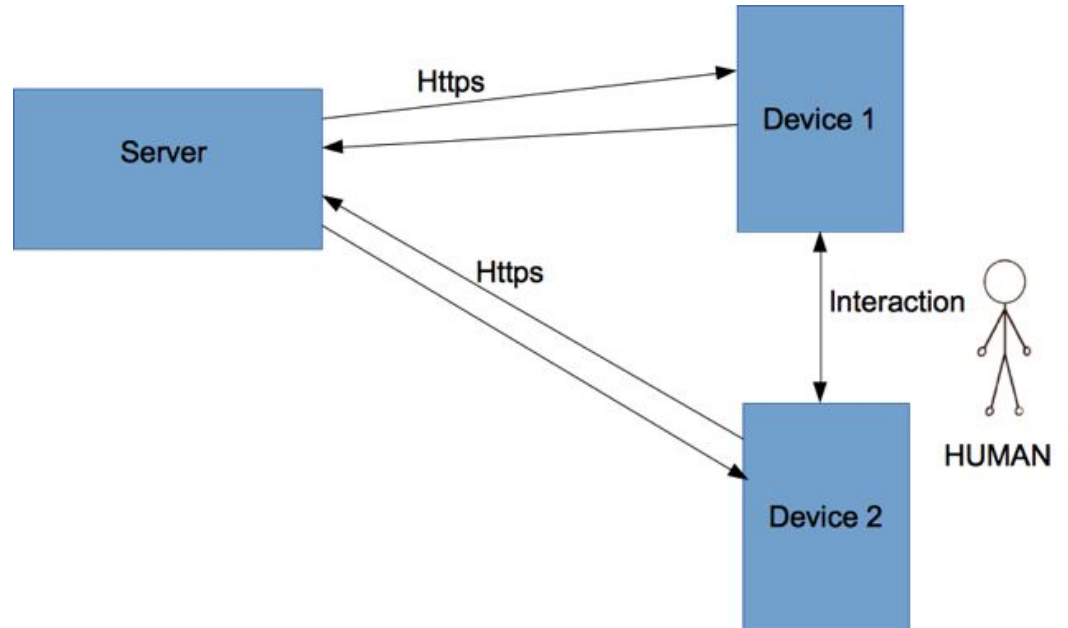
Idea

- Three main actors
- Human's multiple trusted devices
- Task performing



Implementation

- Registration
- Authentication



Implementation

Demo

Future Work

- Implementation for more devices



- Possibility of adding/removing devices
- More restriction during the registration phase

Questions

