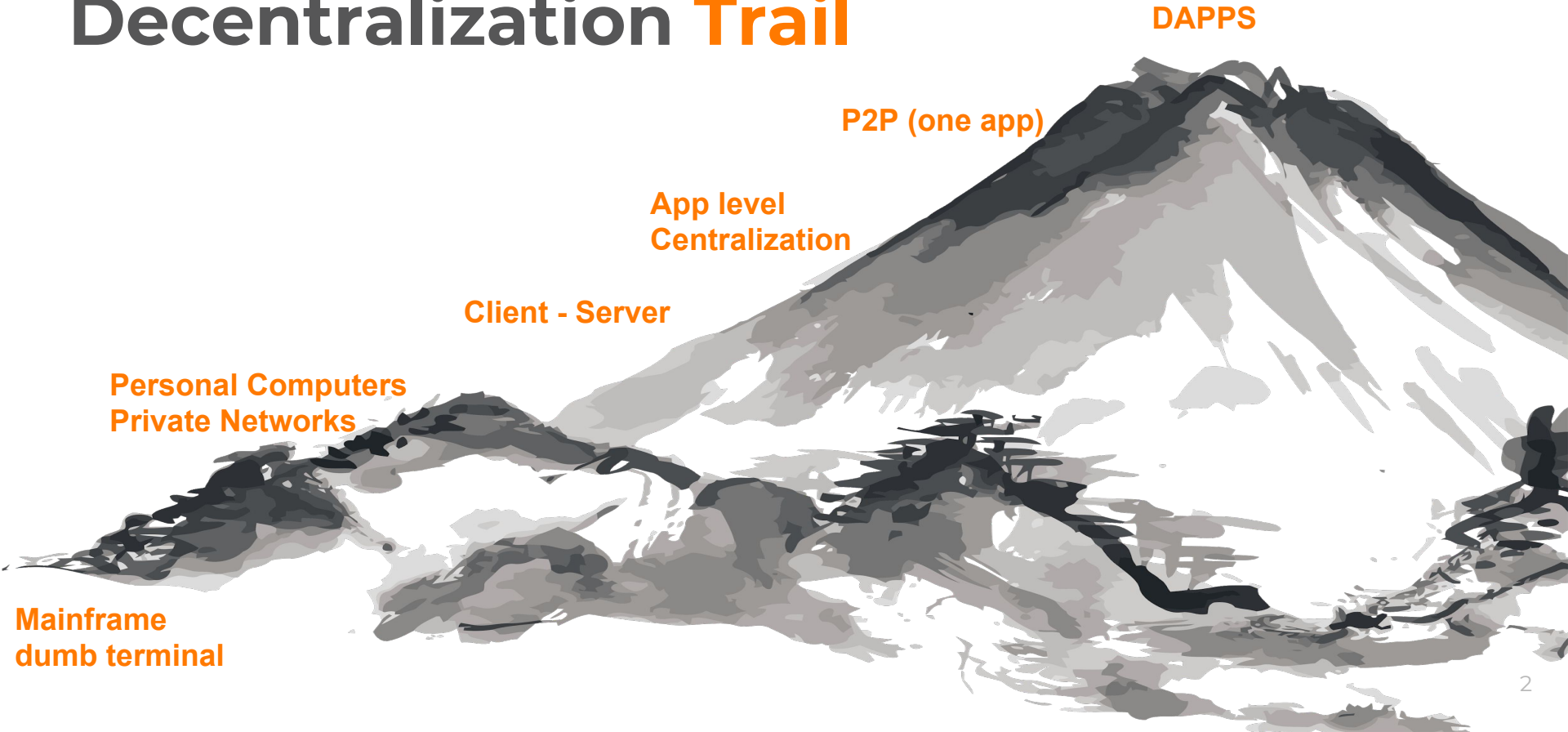# Blockchain Introduction

Decentralization **Trail**

DAPPS

P2P (one app)

App level
Centralization

Client - Server

Personal Computers
Private Networks

Mainframe
dumb terminal
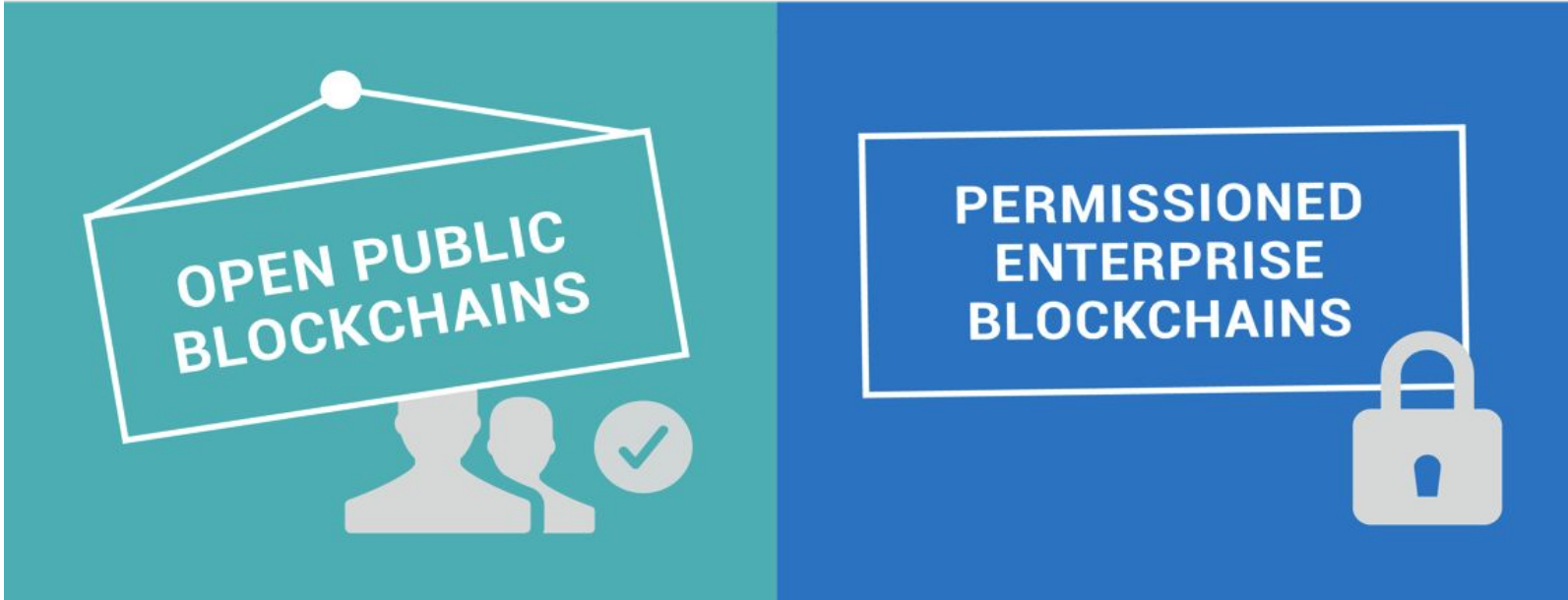
DAPP
decentralize apps

WEB 2.0 APPS → WEB 3.0 DAPPS

BROWSER → Brave

STORAGE → Storj, IPFS

VIDEO AND AUDIO CALLS → Experty

OPERATING SYSTEM → Essentia.one, EOS

SOCIAL NETWORK → Steemit, Akasha

MESSAGING → Status

REMOTE JOB → Ethlance

Public vs **Private**

THIS IS NOT A
SILVER BULLET

KAIROS
DIGITAL SOLUTIONS

START

Can a traditional database technology meet your needs?
YES NO

Does more than one participant need to be able to update the data?
YES NO

Does the data need to be kept private?
YES NO

Do you and all those updaters trust one another?
YES NO

Is this database likely to be attacked or censored? Do you need redundant copies in multiple distributed computers?
YES NO

Do you need to control who can make changes to the blockchain software?
YES NO

Would all the participants trust a third party?
YES NO

YOU **DON'T** NEED A **BLOCKCHAIN** (FAST TRANSACTION SPEED)

YOU **MIGHT** NEED A **PERMISSIONED BLOCKCHAIN** (MEDIUM TRANSACTION SPEED)

YOU **MIGHT** NEED A **PUBLIC BLOCKCHAIN** (SLOW TRANSACTION SPEED)

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