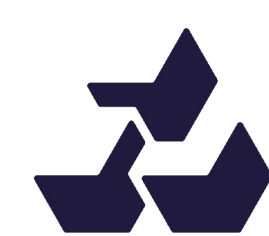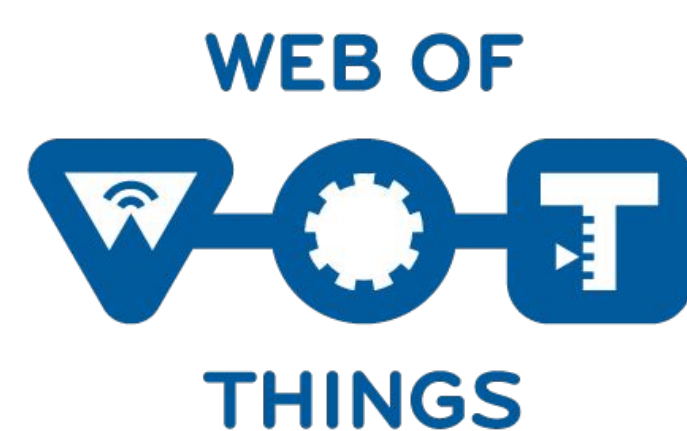# IoT Live Data for Digital Product Passport and EaaS
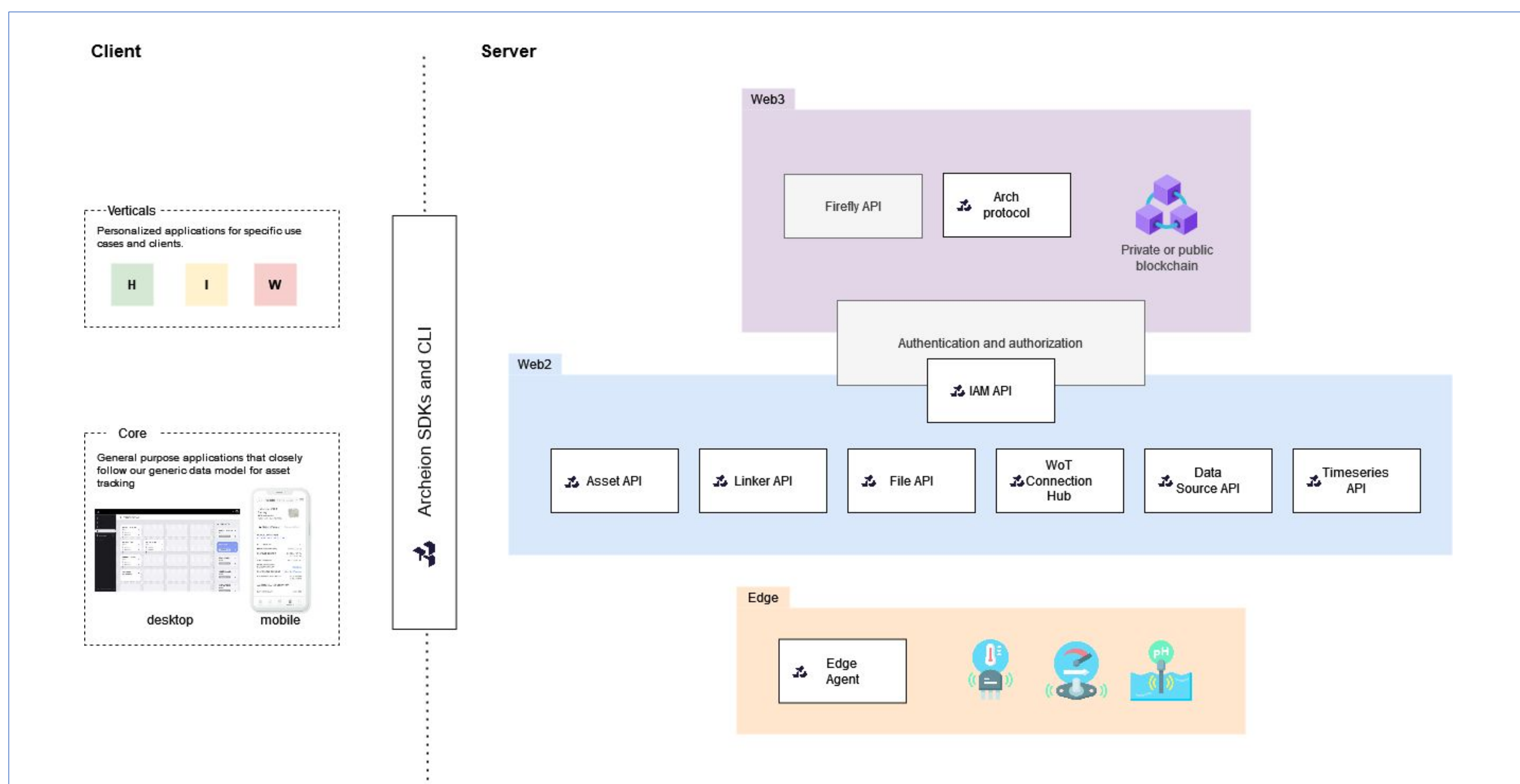
archeion

WEB OF THINGS

Background/Motivation:

In today's business landscape, companies are faced with increasingly intricate supply chain management challenges. Regulatory pressure and consumer demands **for transparent production processes** are forcing the adoption of more effective, accurate and interconnected internal traceability practices. The circular economy roadmap outlined by the EU aims to standardize access to data.

The **Digital Product Passport (DPP)** is a solution tailored to these needs. Current directives focus on the battery, textile, and construction markets, but by 2030 other industries will be subject to more stringent requirements.

What can be seen:

- Integration of IoT, edge computing, and Archeion hybrid cloud (Web3/Web2) tracking system
- Tracking equipment usage, performance, and sustainability transparently
- IoT sensors on each machine feed data to edge nodes for processing, generating events that are selectively sealed in a shared blockchain
- Web of Things ensures seamless interoperability and scalability across diverse industries.