

Proof of Concept - Dsensor (Decentralized Sensor Protocol)

1 Introduction

The development road map for Dsensor is set out in this document. Proof of Concept 1 codes up the initial whitepaper ideas into software libraries. From this learning the future proof of concept versions will be set out. These current goals are express below.

2 PvC roadmap

PoC1

UI HTML5 (using Ethereum Javascript API)

Smart contract action based on high low medium sensor data levels / terms of sharing

Fuzzy logic running ethereum native extension

Blockchain – hashing aggregate entry on ethereum

Storage to Maidsafe

Microblockchain hashing API (own or use ethereums if ready)

Microblockchain hashing Chip library (own or use ethereums if ready)

Applied to environment sensor platform

Chipset – arduino/ARM m series

Fitbit/Amiigo wearable data share via www.opensportproject.org

Delivery Date: 31 March 2015

Road Map

To be written after delivery of PoC1

V1 GOALS

Firmware toolkit to update all sensor chips

API data hasher

Smart Contract builder

Fuzzylogic builders and mapping/verification API.