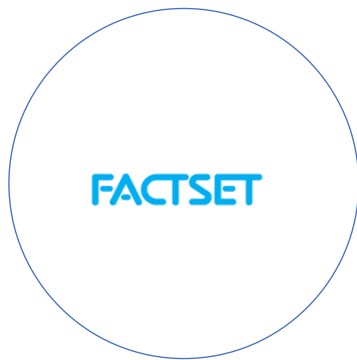# Data Exchange

Safeguarding 3rd party data transacting with blockchain

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DataStreamX Marketplace - Trusted by Global Leaders

Companies transacting data on our marketplace and data transaction platform

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ISSUES LIMITING THE LOCATION DATA INDUSTRY

CROSS-CONTAMINATION

The location data supply chain is heavily interconnected where data providers sell to multiple aggregators, who then sell amongst each other prior to reaching the end user. This is done to meet the scale required by users, but results in an opaque web of suppliers, with no clear ownership of or rights to the data.

STRICTER REGULATIONS AND LAWS

Lawmakers around the world are taking data privacy and the data supply chain more seriously, implementing new regulations(GDPR, CCPA, etc) that hamper the access to legitimate sources of location data.
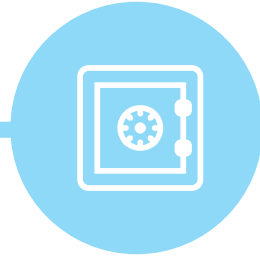
DISPARATE SOURCES OF LOCATION DATA

Buyers of location data must go through multiple location data vendors for data that fits their use case, usually resulting in a patchwork of contracts to fulfill their requirements. A single supplier scenario is difficult to find in the current market.

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Provenance   Authenticity   Trust   Security   Integrity

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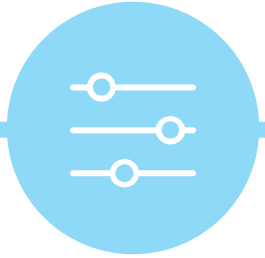
BLOCKCHAIN?

Boots-on-the-Ground Problem #1

Do we really need a blockchain?

- **It's speed is slow**

- Difficult to work with

- Small Engineering talent pool

- **It's only value is when people don't trust each other**

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Boots-on-the-Ground Problem #2

Do enterprises care enough to make the hassle worth the investment?

- Payments for 'gas' (crypto currencies) a no-no

- Code heavy integrations

- Clunky interfaces (if any)

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How to distribute when it isn't meant for the public?

- General public doesn't want to support B2B

- Why expose yourself to attacks if not required

- Who to distribute if not to the public

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We operate in a system where all parties inherently don't trust each other

Boots-on-the-Ground Problem #1

Do we really need a blockchain?

- It's speed is slow

- Difficult to work with

- Small Engineering talent pool

- Non-Realtime, asynchronous operations
- Minimal operations on chain

- Skill-up

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Boots-on-the-Ground Problem #2

Do enterprises care enough to make the hassle worth the investment?

- Payments for 'gas' (crypto currencies) a no-no
- Code heavy integrations
- Clunky interfaces (if any)

- Enterprises paid and get paid in fiat
- API backend
- Seamless UX front-end

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How to distribute when it isn't meant for the public?

- General public doesn't want to support B2B
- Why expose yourself to attacks if not required
- Who to distribute if not to the public

- PoA Private Chain mixed with ERC20 public token
- Keep nodes protected and not randomly distributed
- Nodes controlled by us, and will be distributed to industry figures

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Quadrant Platform

Overview

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QUADRANT'S BLOCKCHAIN-BASED SOLUTION CREATES
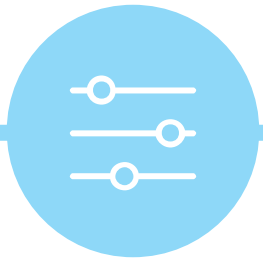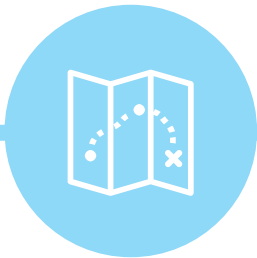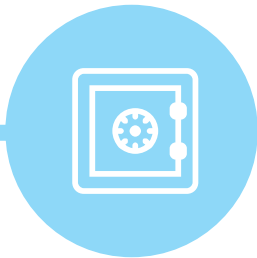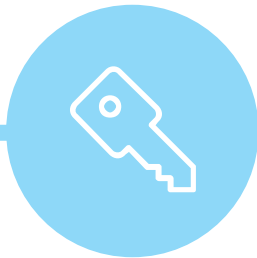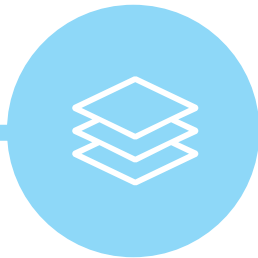
Provenance   Authenticity   Trust   Security   Integrity

FOR THE LOCATION DATA AND ANALYTICS INDUSTRY

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QUADRANT PLATFORM

https://platform.quadrant.io/
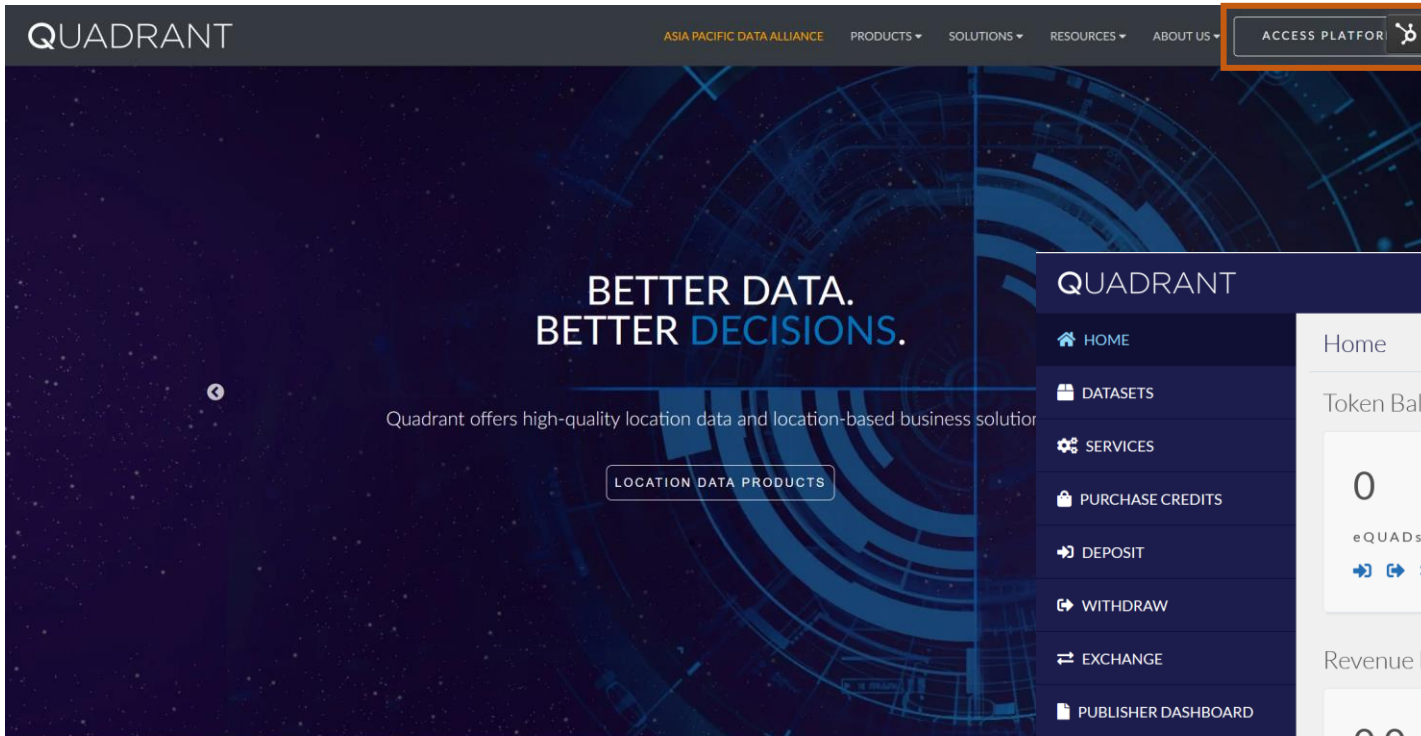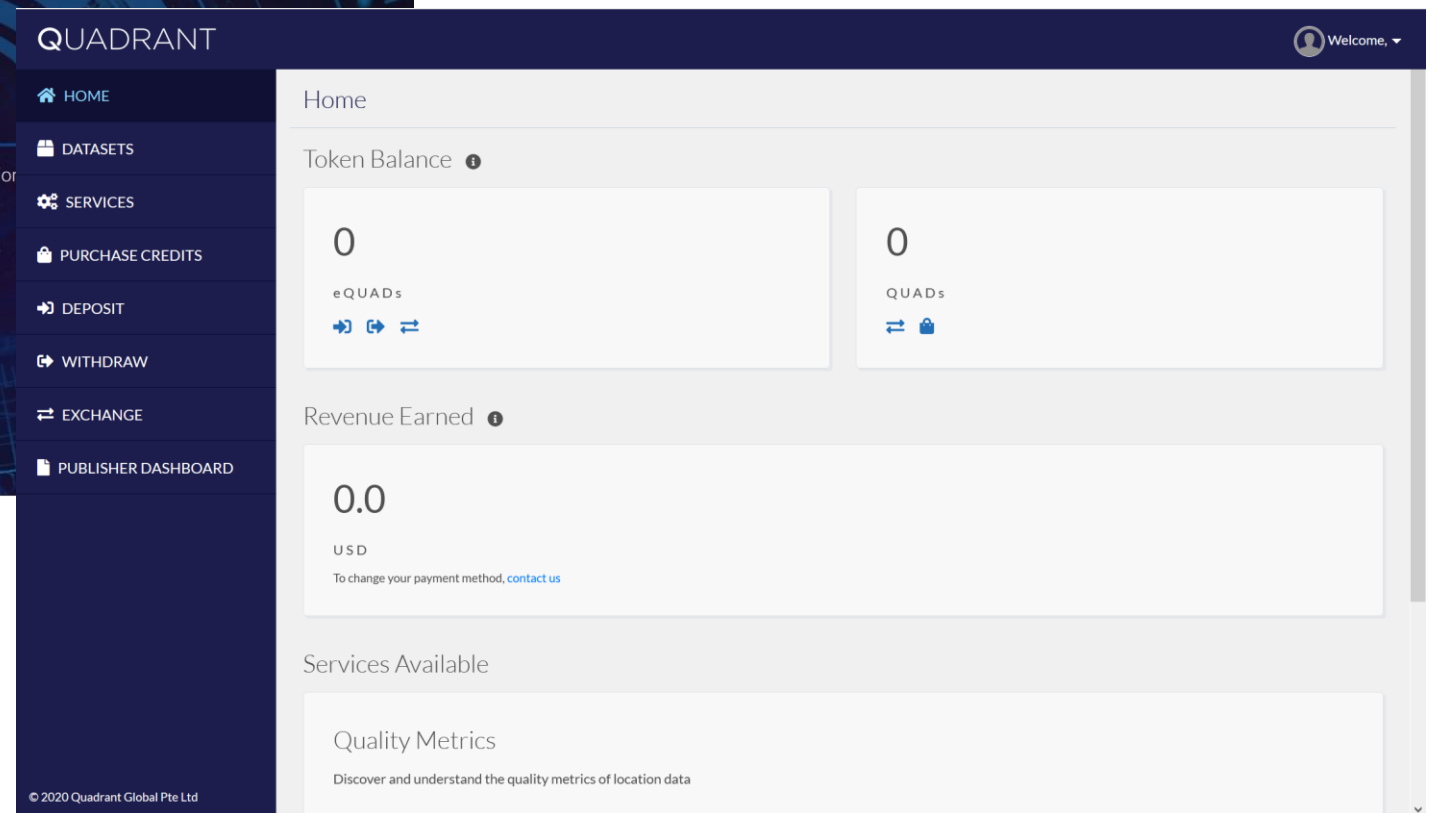
SOLUTION OVERVIEW

Quadrant provides data products and verification and compliance services

DATA STAMPING CLIENT
Proving authenticity and creating a provenance trail for location data.

DATA VERIFICATION CLIENT
Verifying authenticity of location data.

DATA SMART CONTRACTS – PAYMENT MODULE
Executing data contracts on the blockchain, creating an immutable ledger of QUAD transactions and payments.

PRIVACY AND COMPLIANCE MODULE
Providing GDPR and CCPA compliant location data tracked on the blockchain.

MICROPAYMENTS FOR DATA PRODUCERS
Rewarding data providers in a sustainable and cost-efficient manner.

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QCMP

USER BENEFITS

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QCMP – CONSENT SDK
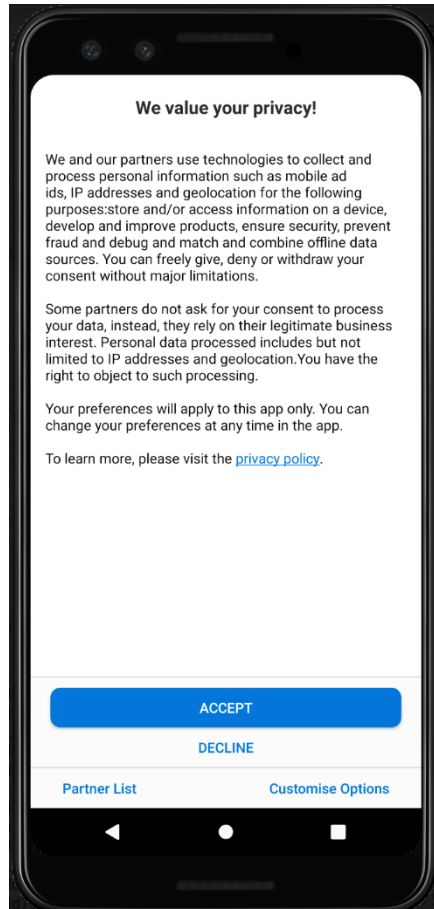
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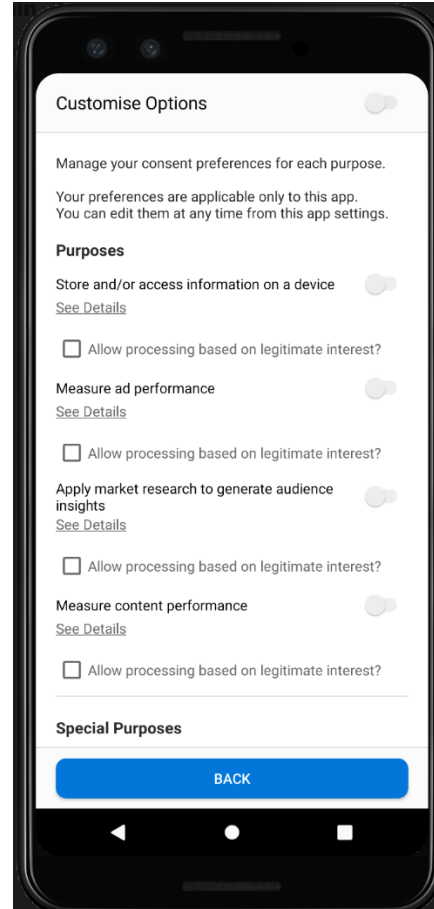
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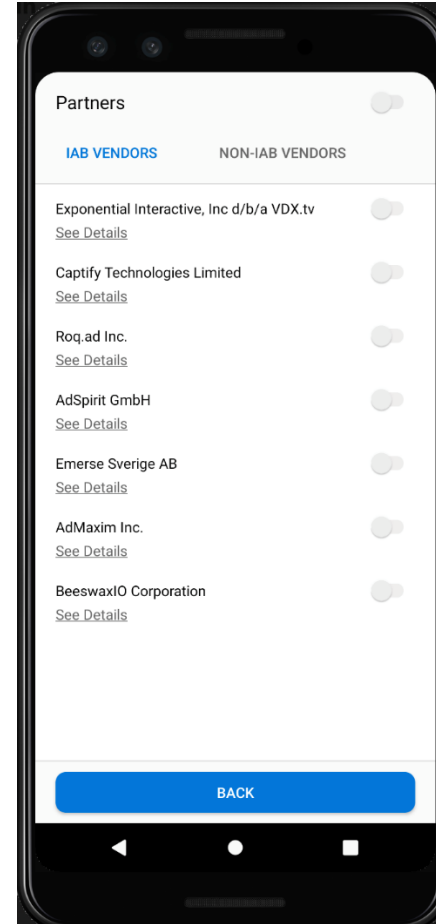
Partners
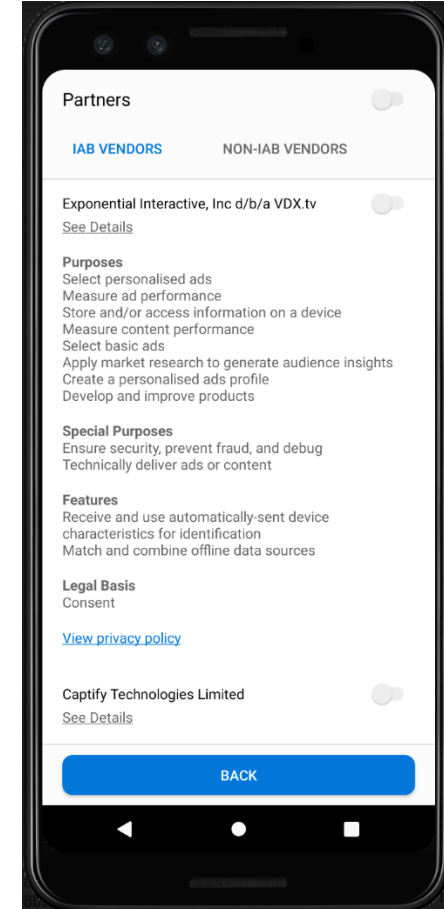
Partner Details

CONSENT LOGS MANAGER

Used to log events (requests, consent, policies, etc) in the blockchain to ensure transparency.
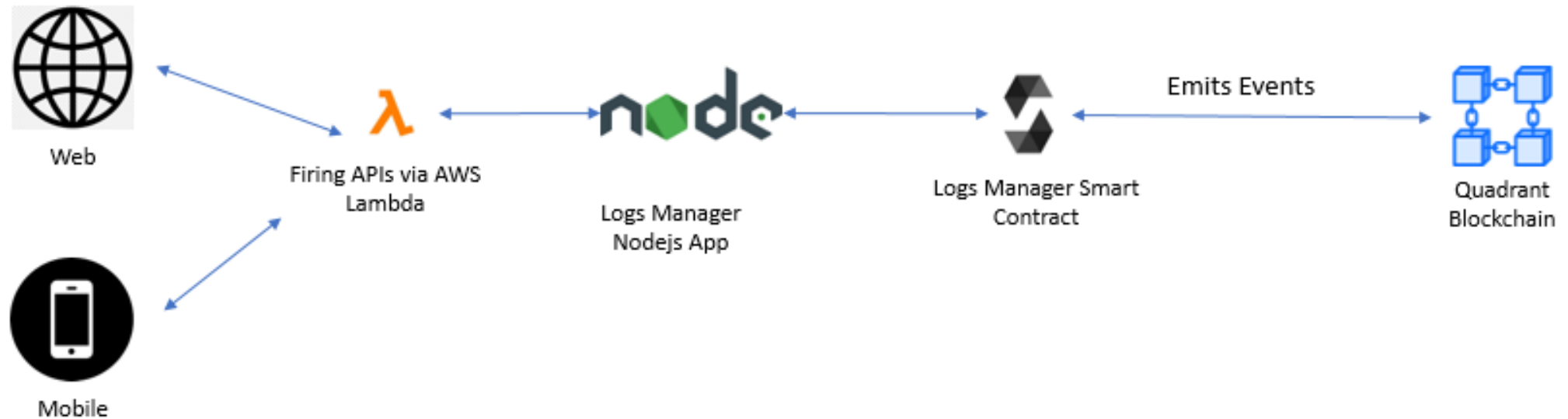
QCMP - REQUEST APP
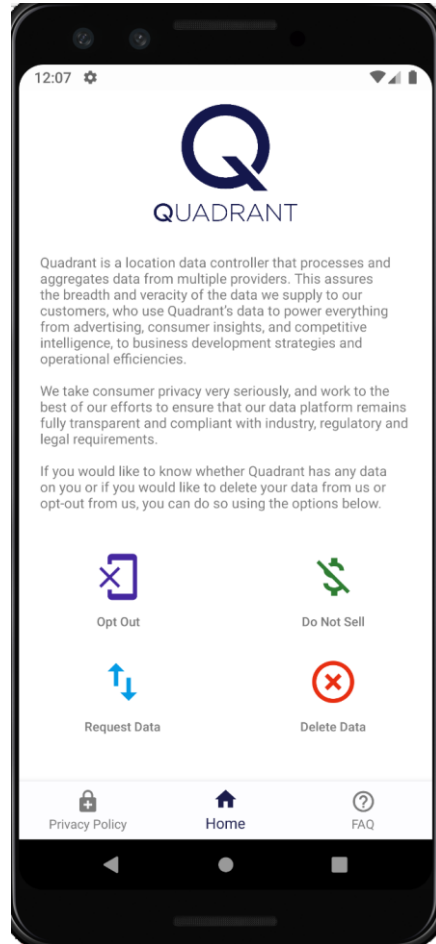
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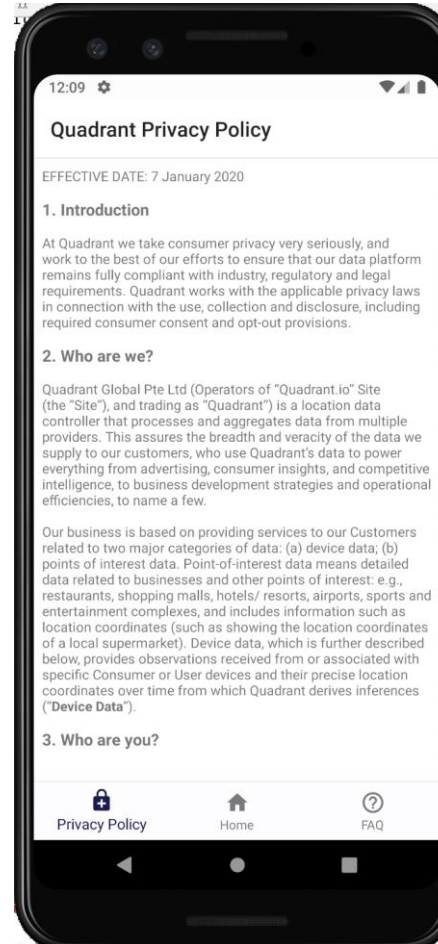
Privacy policy

FAQ
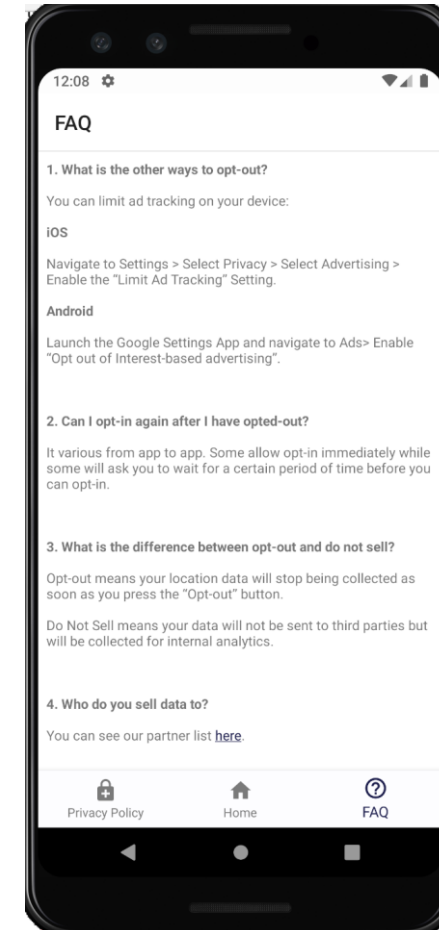
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QCMP - REQUEST APP
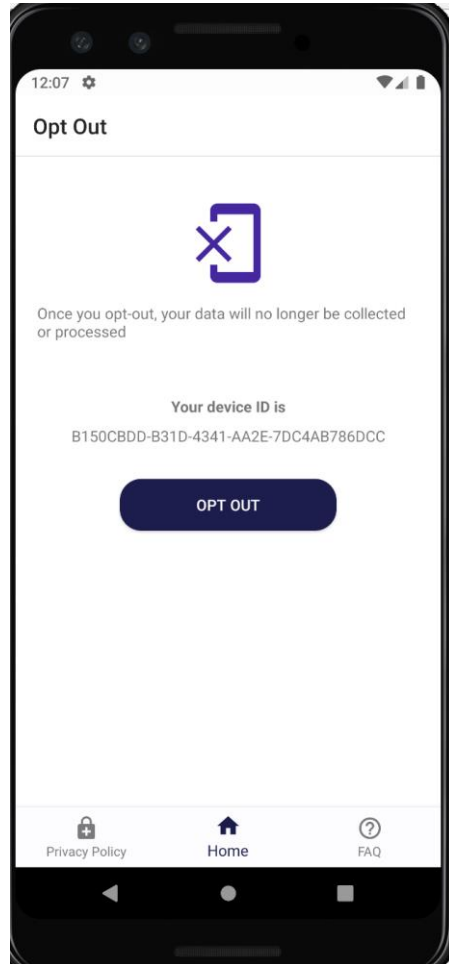
Opt out
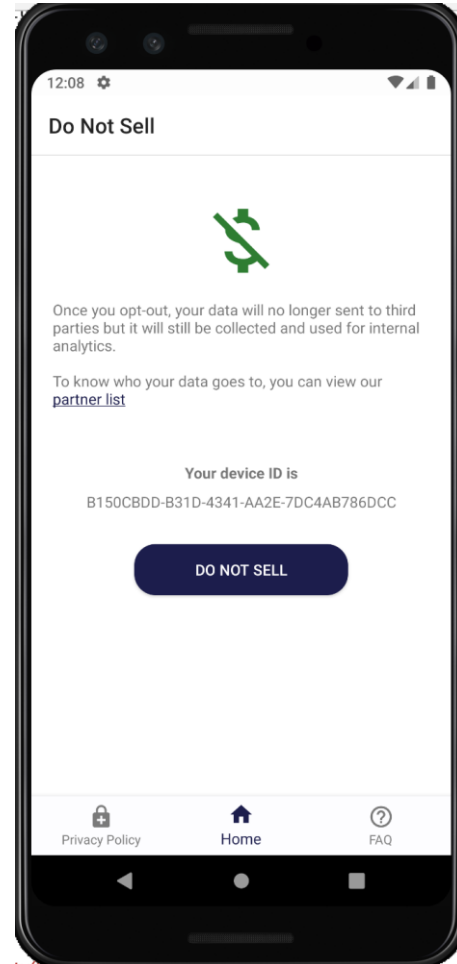
Do not sell
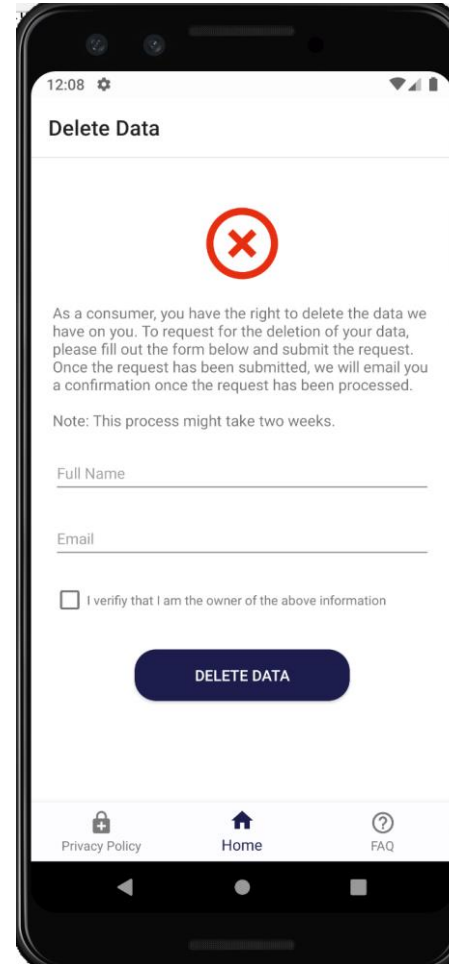
Delete data
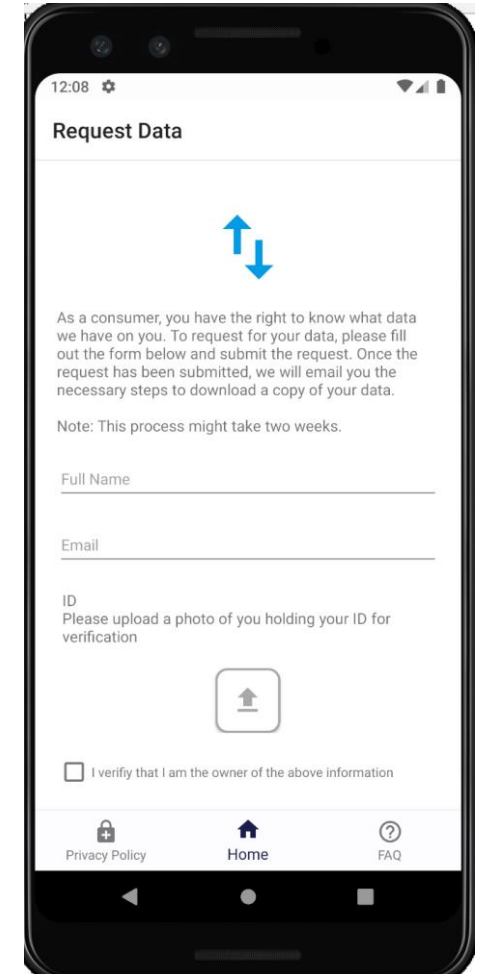
Request data

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QCMP - PUBLISHER ENTITY

Publisher Dashboard

QCMP - PUBLISHER ENTITY

Adding app details
All these details will be reflected in the app integrated with the Consent SDK

QCMP - BUYER ENTITY

Buyer dashboard – Trace the Supply Chain
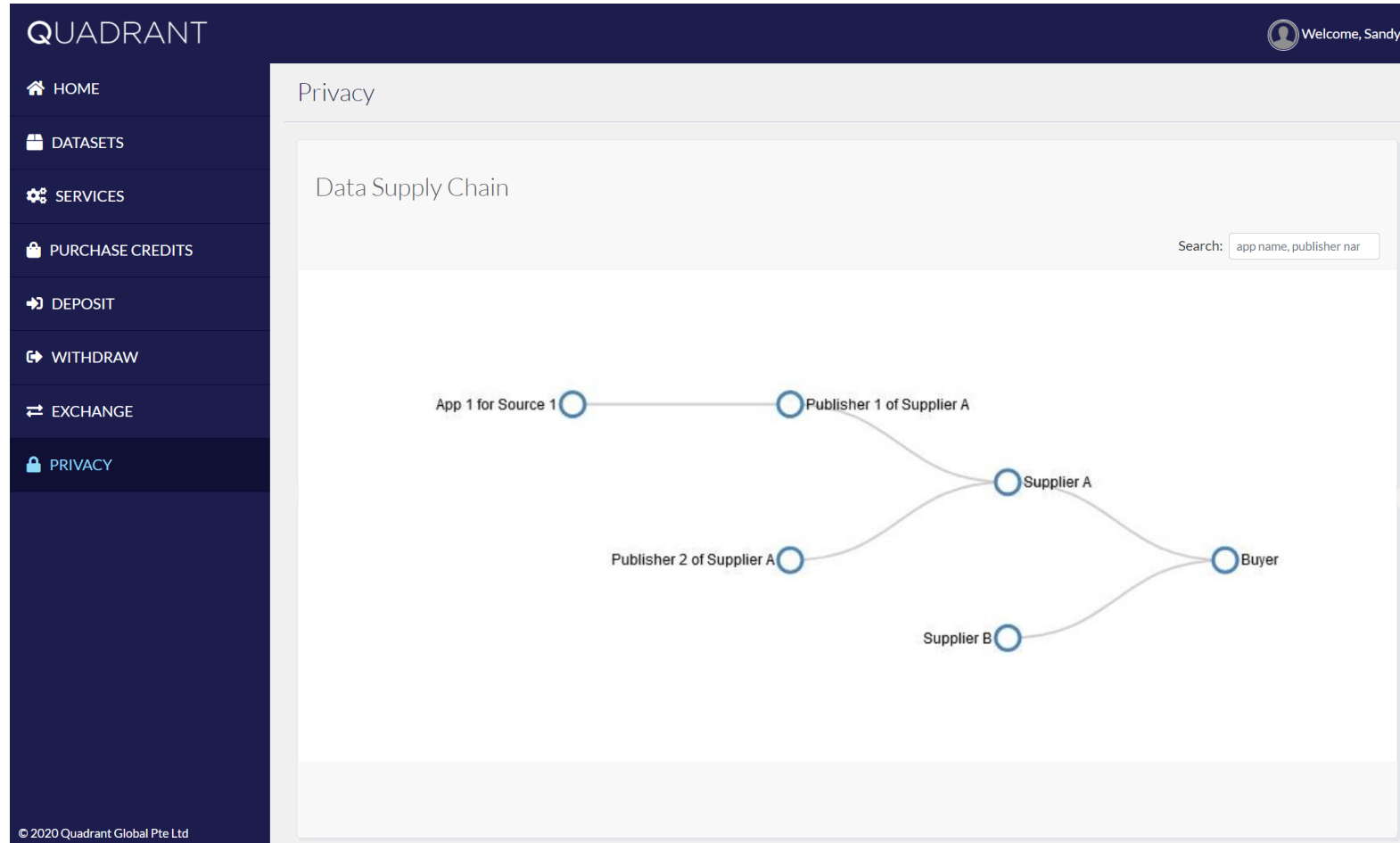
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