



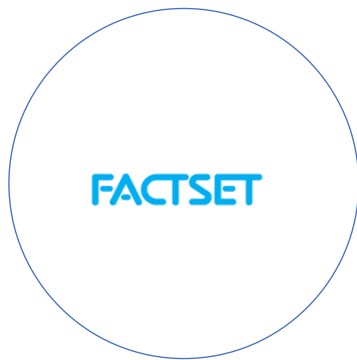
Data Exchange

Safeguarding 3rd party data transacting with blockchain

Background

DataStreamX Marketplace - Trusted by Global Leaders

Companies transacting data on our marketplace and data transaction platform



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.



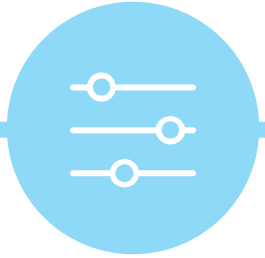
STRICTER REGULATIONS AND LAWS

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

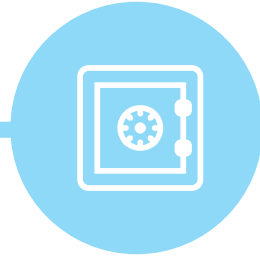
Buyers of location data must go through multiple location data vendors for data that fits their use case, usually resulting in a patchwork of contracts to fulfill their requirements. A single supplier scenario is difficult to find in the current market.



Provenance



Authenticity



Trust



Security



Integrity

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

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)

Boots-on-the-Ground Problem #3

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

**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

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

Boots-on-the-Ground Problem #3

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



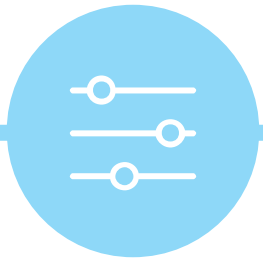
Quadrant Platform

Overview

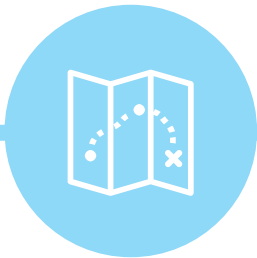


QUADRANT

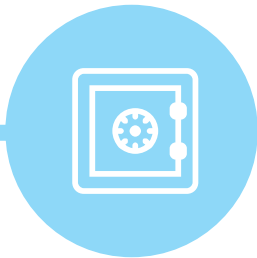
QUADRANT'S BLOCKCHAIN-BASED SOLUTION CREATES



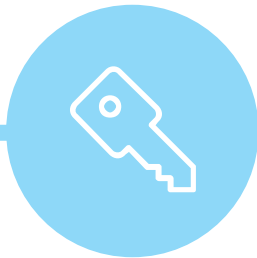
Provenance



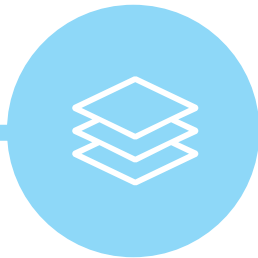
Authenticity



Trust



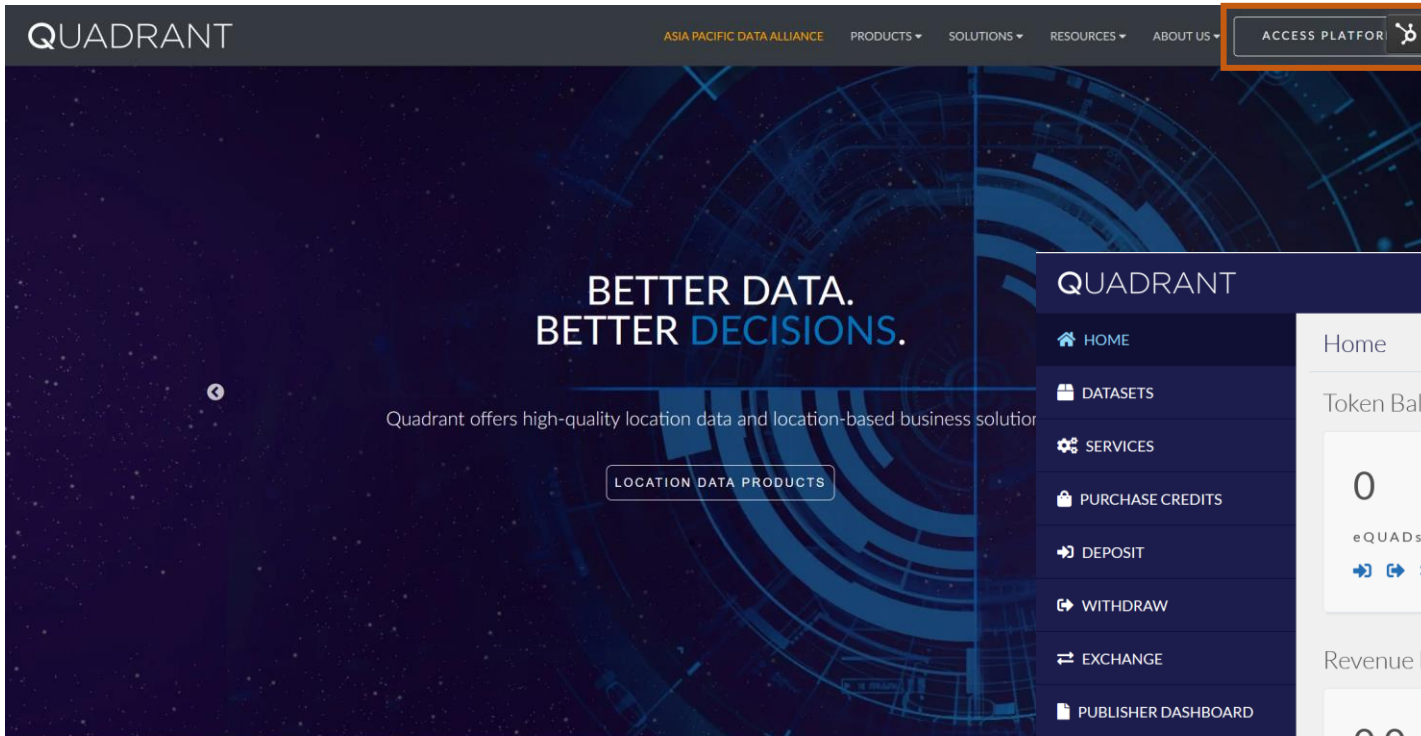
Security



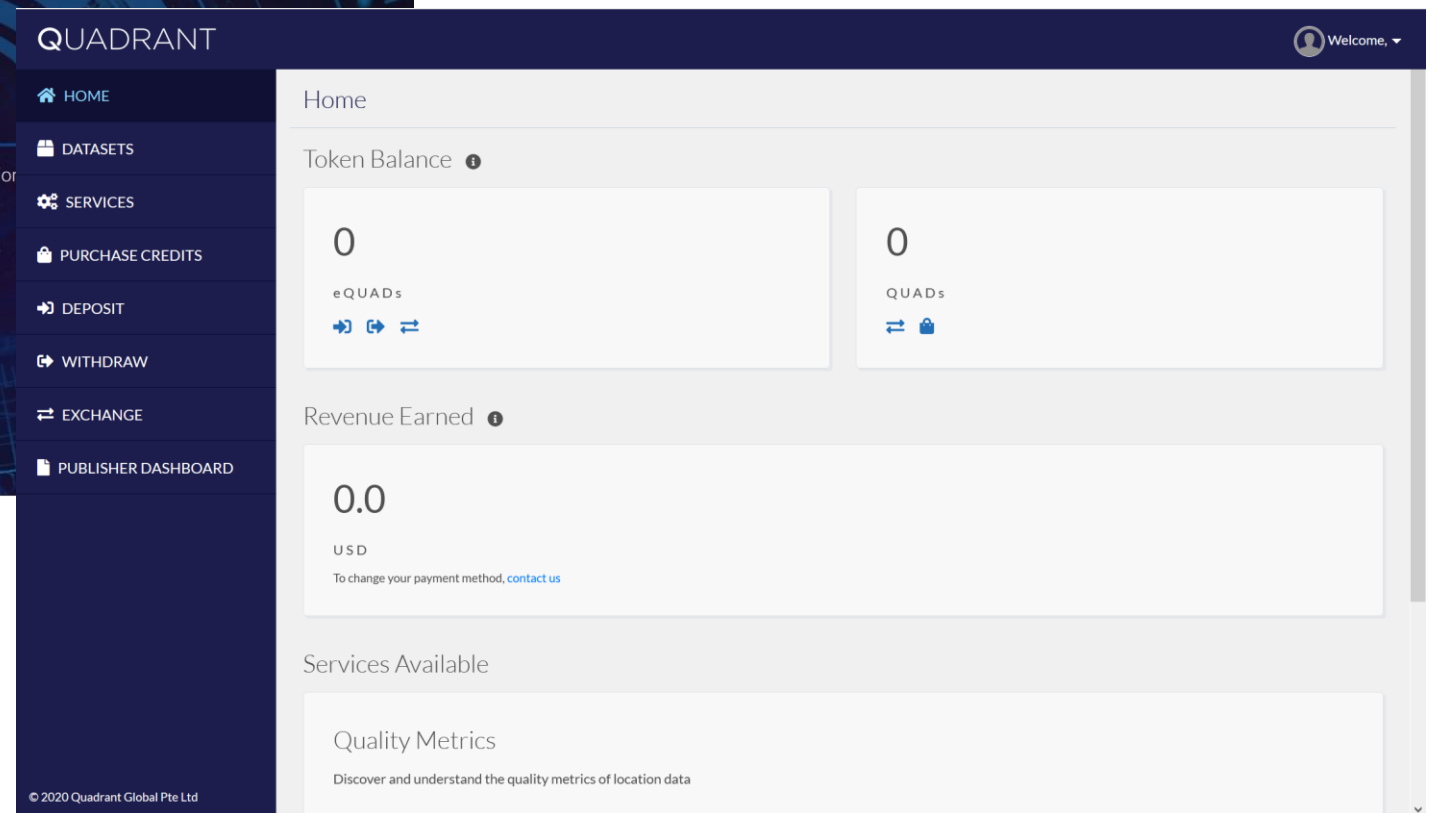
Integrity

FOR THE LOCATION DATA AND ANALYTICS INDUSTRY

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.



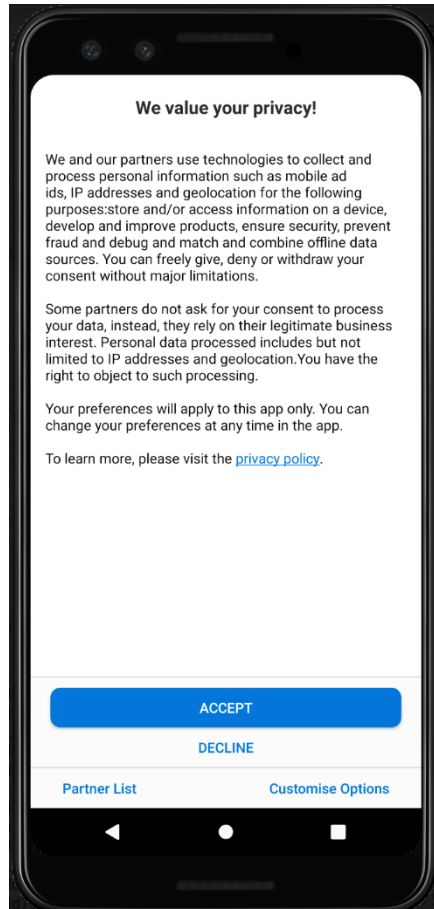
QCMP

USER BENEFITS

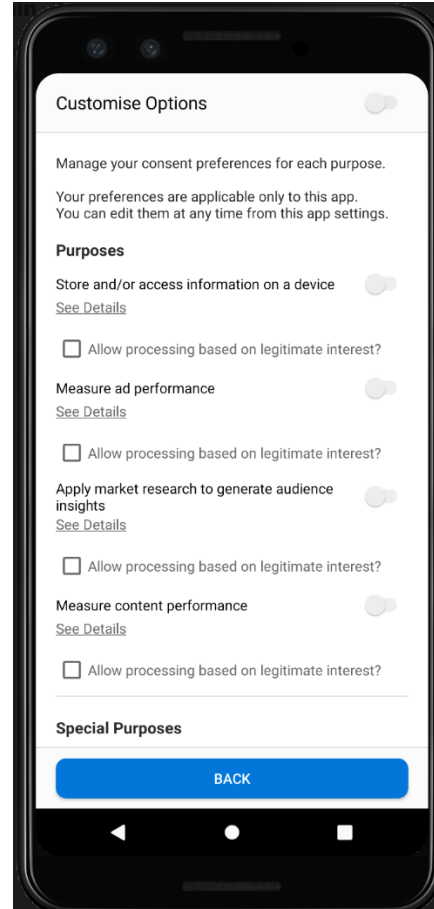


QUADRANT

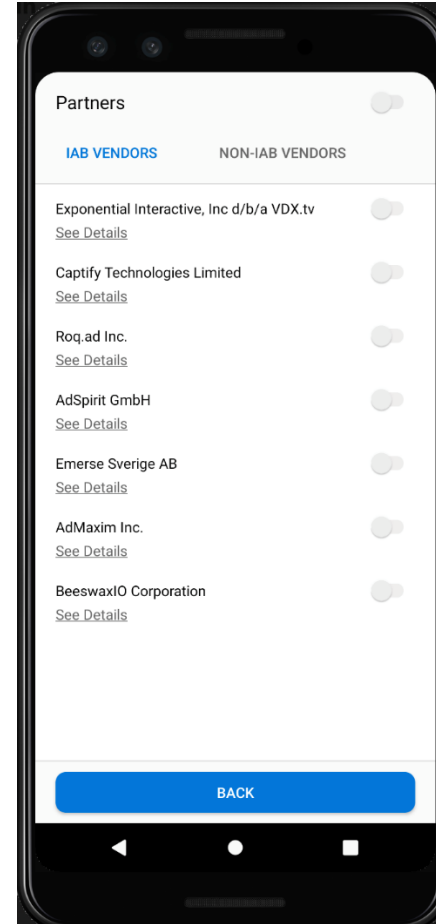
QCMP – CONSENT SDK



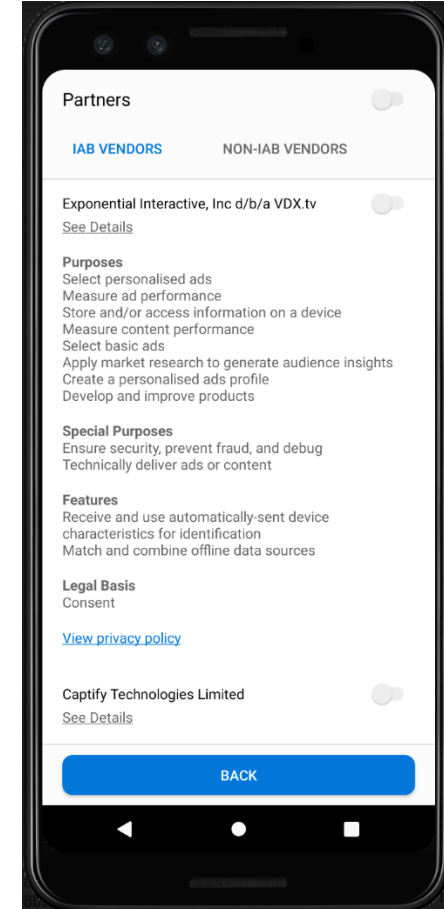
First layer



Customise Options



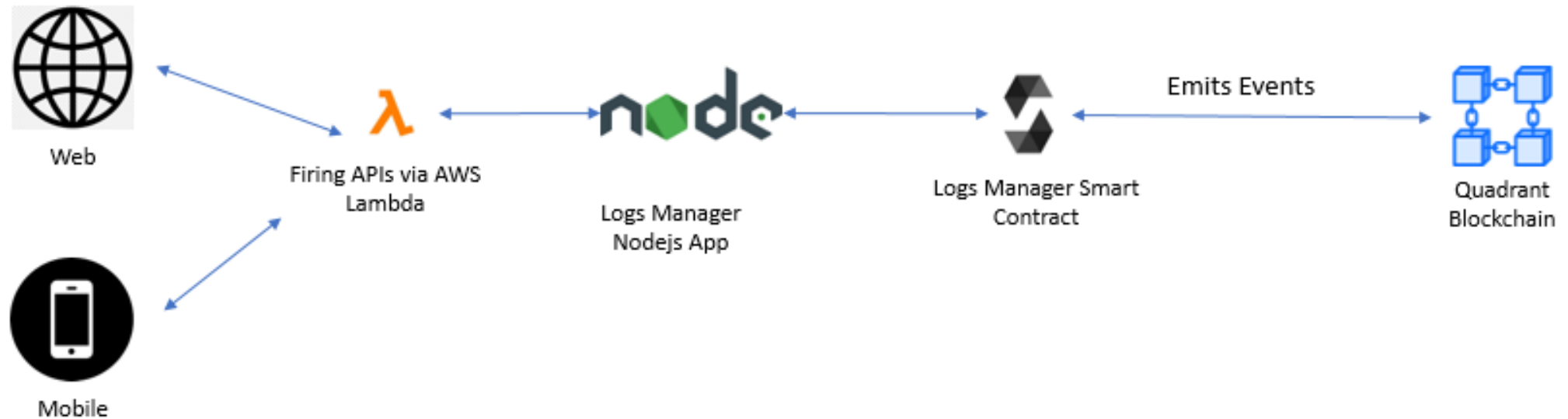
Partners



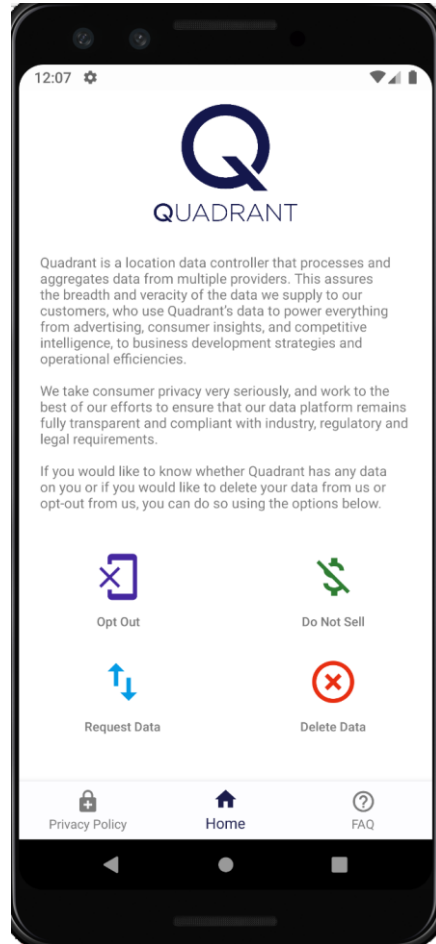
Partner Details

CONSENT LOGS MANAGER

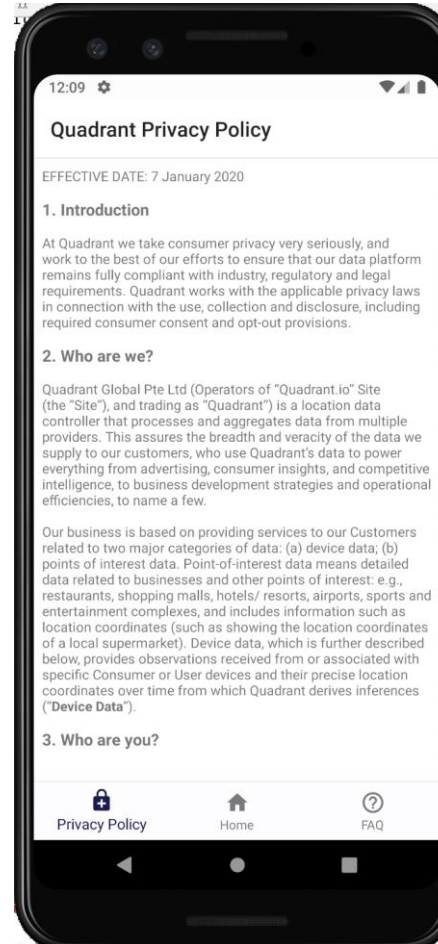
Used to log events (requests, consent, policies, etc) in the blockchain to ensure transparency.



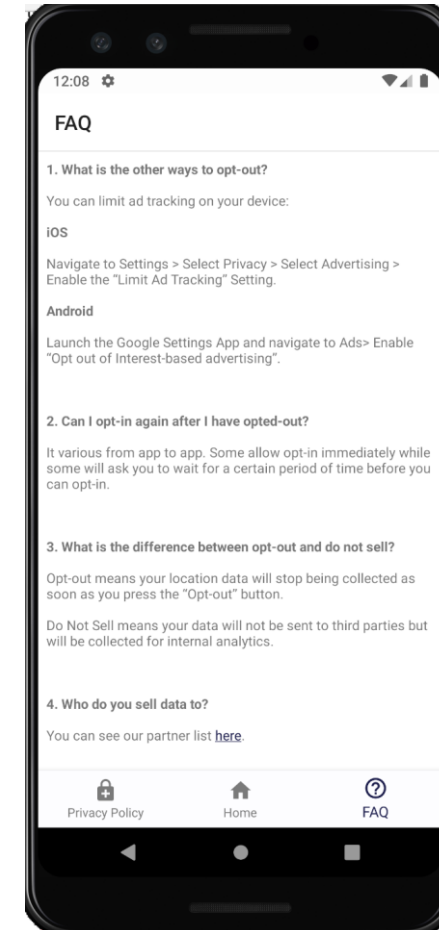
QCMP - REQUEST APP



First layer

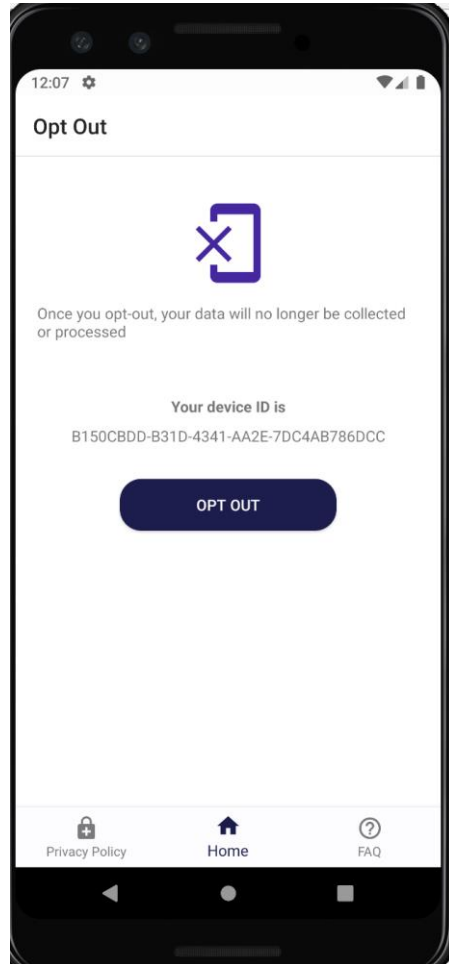


Privacy policy

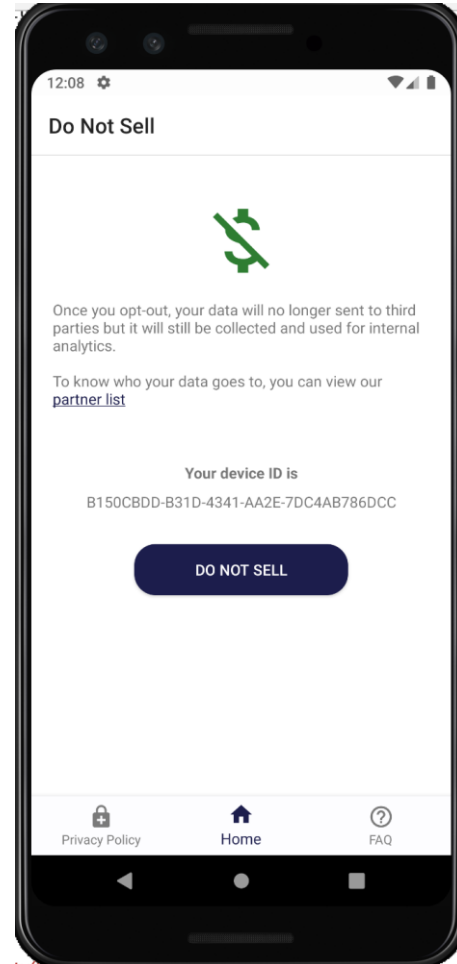


FAQ

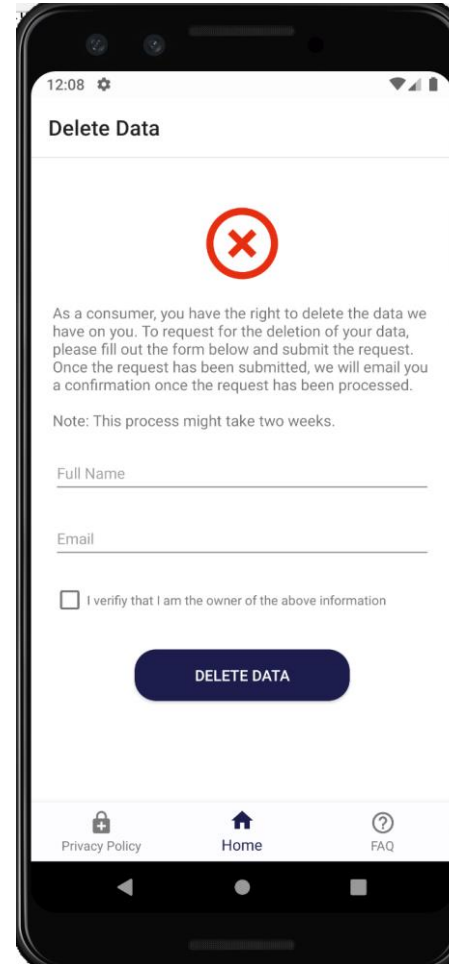
QCMP - REQUEST APP



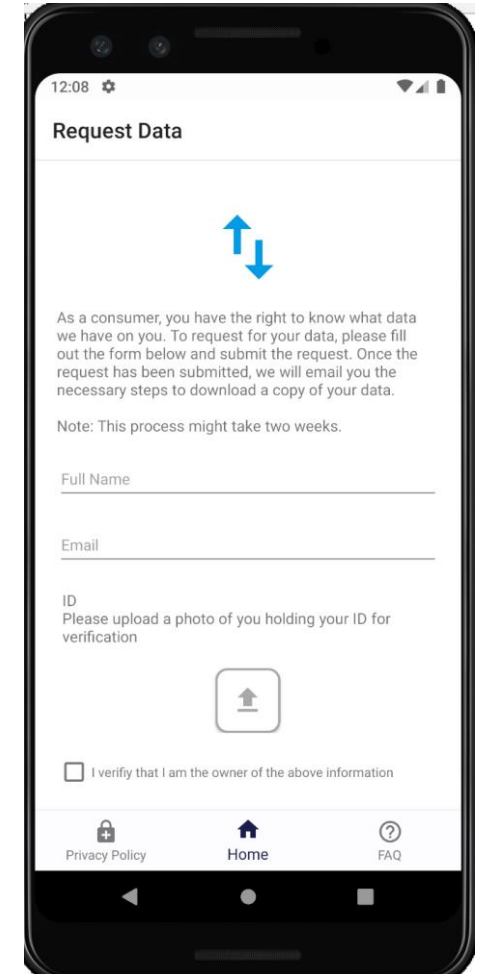
Opt out



Do not sell



Delete data



Request data

QCMP - PUBLISHER ENTITY

Publisher Dashboard

The screenshot displays the Quadrant Publisher Dashboard. On the left is a dark blue navigation sidebar with the following menu items: HOME, DATASETS, SERVICES, PURCHASE CREDITS, DEPOSIT, WITHDRAW, EXCHANGE, and PUBLISHER DASHBOARD (highlighted). The main content area is titled 'All Apps' and includes a '+ ADD APP' button, filter dropdowns for 'Status: All' and 'SDK Type: All', and a search bar. Below these is a table with 8 entries, each with columns for APP NAME, SDK TYPE, INTEGRATION KEY, STATUS, and ACTIONS. The bottom of the dashboard features two summary cards: 'Partners' with a link to view partners, and 'Data Protection Officer(DPO)' with a link to add a DPO.

QUADRANT

Welcome, Sandy

All Apps

+ ADD APP

Status: All | SDK Type: All Search:

APP NAME	SDK TYPE	INTEGRATION KEY	STATUS	ACTIONS
App 1 Staging Sandy	Location + Compliance	d85d5818-5b78-4cd6-b583-841783127725	ACTIVE	View App
Test Demo	Location	fa09c702758168dcd79ac8e685674ed1	ACTIVE	View App
Test Demo	Location	812a4dba59c75ab15e51935b981d614a	ACTIVE	View App
Test Demo 1000	Compliance	20e9d81aa4871702fc3ee465f709ffa4	ACTIVE	View App
Test Demo 1001	Compliance	2bbe40745b819609eb9376f5b00c5288	ACTIVE	View App
Test Demo 2	Compliance	4e9277dc71b7d637090f7fc07908eb12	ACTIVE	View App
Test Sandy Staging	Location + Compliance	a548e775de0665a794d9d0f4fe0defa7	ACTIVE	View App
Test Sandy Staging 2	Compliance	944b4db8c307c4a54165013112ccf112	ACTIVE	View App

Showing 1 to 8 of 8 entries

Partners
View you partner [here](#).

Data Protection Officer(DPO)
You haven't added your DPO. [Add DPO](#).

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QCMP - PUBLISHER ENTITY

Adding app details

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

The screenshot shows the 'Add New App' form in the QUADRANT publisher dashboard. The form is titled 'Add New App' and includes a 'Back to All Apps' link. The form is divided into several sections:

- General Information:** Includes a text input field for 'App Name'.
- SDK Type:** Includes radio buttons for 'Location', 'Consent' (selected), and 'Location + Consent'.
- Regulation:** Includes checkboxes for 'GDPR' (selected) and 'CCPA'.
- Privacy URL:** Includes a text input field.
- Privacy Document:** Includes a 'Choose file' button and a 'Browse' button.
- Last Update of the Policy:** Includes a text input field with a date format 'dd/mm/yyyy' and a calendar icon.

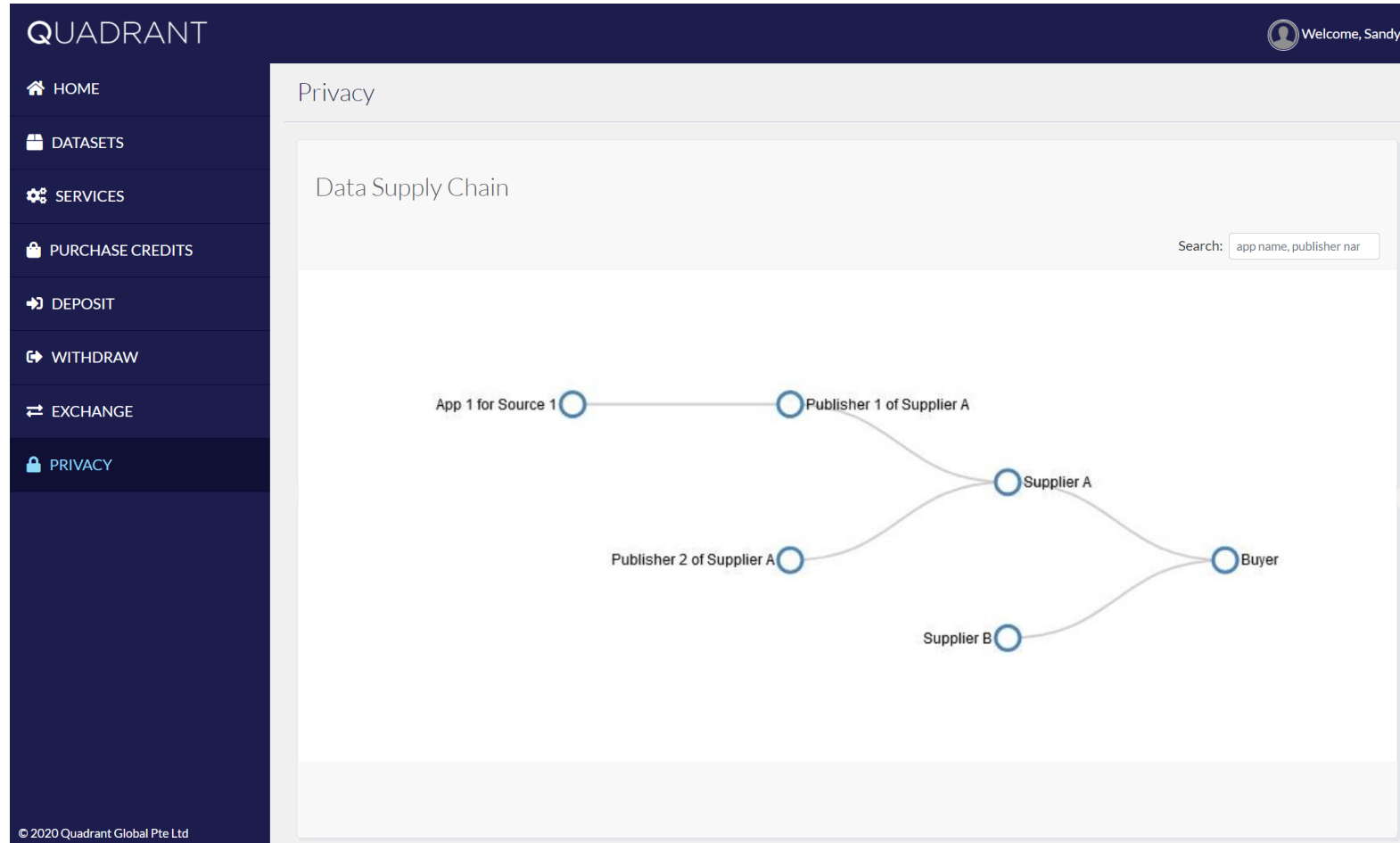
The sidebar on the left contains navigation links: HOME, DATASETS, SERVICES, PURCHASE CREDITS, DEPOSIT, WITHDRAW, EXCHANGE, and PUBLISHER DASHBOARD. The top right corner shows a user profile 'Welcome, Sandy'.

The screenshot shows the 'GDPR Settings' form in the QUADRANT publisher dashboard. The form is titled 'GDPR Settings' and includes a link to 'IAB TCF V2 Purposes and Features'. The form is divided into several sections:

- Purposes:** Includes a checked checkbox for 'Store and/or access information on a device' with radio buttons for 'Consent' (selected) and 'Legitimate Interest'. Below this are several unchecked checkboxes: 'Select basic ads', 'Select personalised ads', 'Apply market research to generate audience insights', 'Develop and improve products', 'Select personalised content', 'Create a personalised content profile', 'Measure content performance', 'Create a personalised ads profile', and 'Measure ad performance'.
- Special Purposes:** This section is currently empty.
- Features:** Includes three unchecked checkboxes: 'Match and combine offline data sources', 'Link different devices', and 'Receive and use automatically-sent device characteristics for identification'.
- Special Features:** This section is currently empty.

The sidebar on the left contains navigation links: HOME, DATASETS, SERVICES, PURCHASE CREDITS, DEPOSIT, WITHDRAW, EXCHANGE, and PUBLISHER DASHBOARD. The top right corner shows a user profile 'Welcome, Sandy'.

Buyer dashboard – Trace the Supply Chain





QUADRANT

SINGAPORE | UNITED STATES | EUROPE

*420 North Bridge Road, #04-08, North Bridge Centre,
Singapore, 188727*

mike@quadrant.io