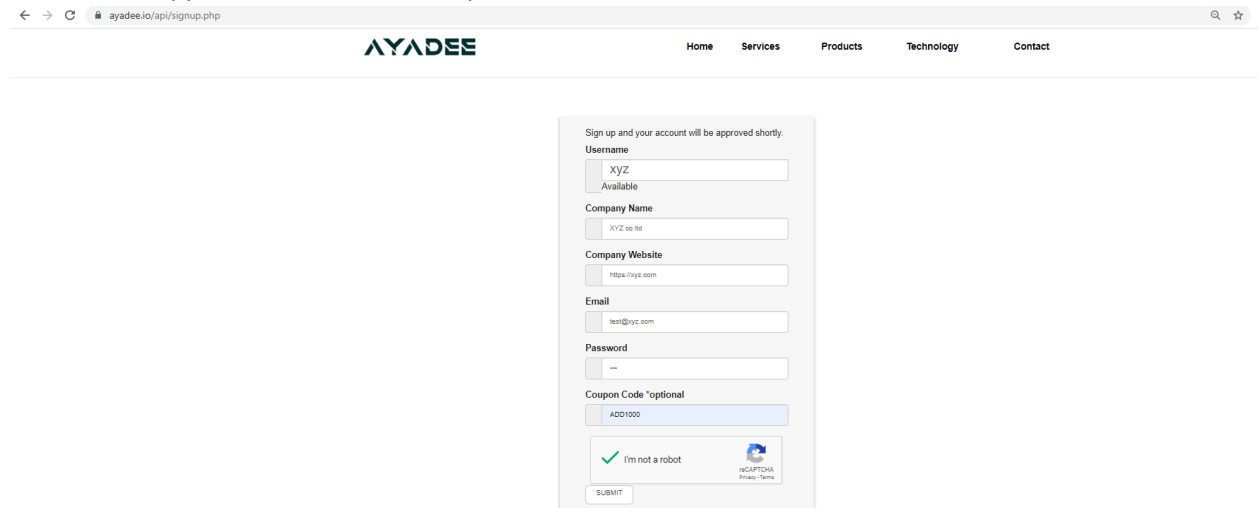


## Client User Manual

Ayadee TRAK supply chain mapping is designed to be as flexible and easy for different clients to integrate into their supply chain management. Designed to track as many different kinds of products, documents and situations as possible we leave the specific implementation of the TRAK service up to the client. The following user manual outlines some possible implementations.

1. Click on register link on [www.ayadee.io](http://www.ayadee.io) and click on “Sign Up” to register your account. Account verification/approval will follow shortly.

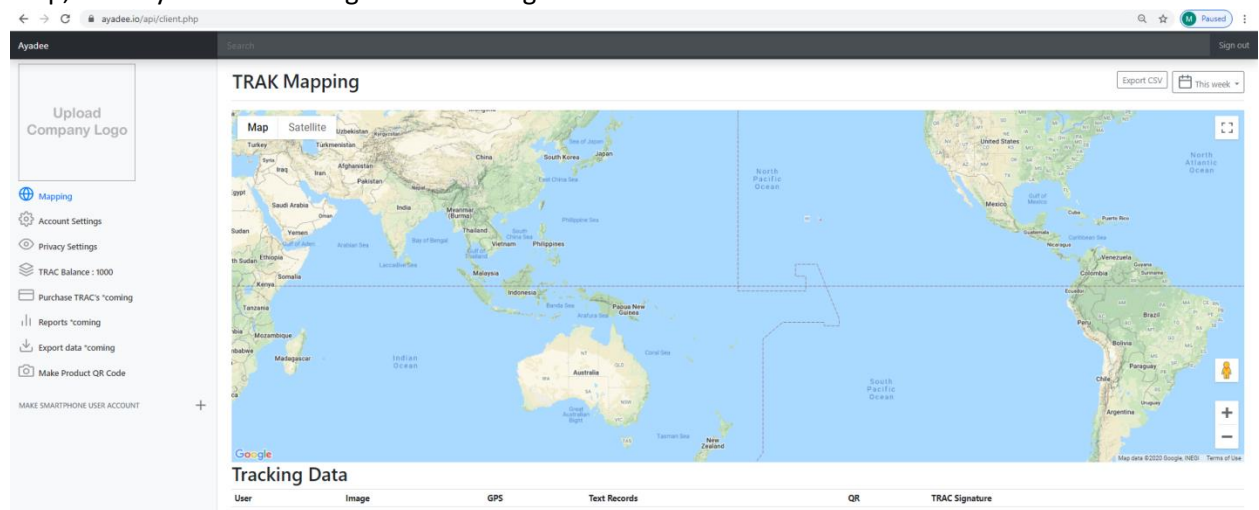


The screenshot shows a web browser window with the URL [ayadee.io/api/signup.php](http://ayadee.io/api/signup.php). The Ayadee logo is at the top left, and navigation links for Home, Services, Products, Technology, and Contact are at the top right. The main content is a registration form with the following fields:

- Username:** XYZ (Available)
- Company Name:** XYZ co ltd
- Company Website:** https://xyz.com
- Email:** test@xyz.com
- Password:** ---
- Coupon Code \*optional:** ADD1000

At the bottom of the form, there is a green checkmark icon with the text "I'm not a robot" and a CAPTCHA image. A "SUBMIT" button is located at the bottom left of the form.

2. Go to [www.ayadee.io](http://www.ayadee.io) and select “Log In” and use the user name and password you selected when you registered your account.
3. You will be taken to the fresh client console. There will not yet be any points shown on the map, nor any mobile tracking accounts assigned.



The screenshot shows the Ayadee client console interface. The top navigation bar includes the Ayadee logo, a search bar, and a "Sign out" button. The main content area is titled "TRAK Mapping" and features a large map of the world. The map is currently in "Map" view, with "Satellite" and "Hybrid" options also visible. The map shows various countries and oceans. Below the map, there is a "Tracking Data" section with a table header containing the following columns: User, Image, GPS, Text Records, QR, and TRAK Signature. On the left side of the console, there is a sidebar menu with the following options: Upload Company Logo, Mapping, Account Settings, Privacy Settings, TRAC Balance : 1000, Purchase TRAC's \*coming, Reports \*coming, Export data \*coming, and Make Product QR Code. At the bottom of the sidebar, there is a link to "MAKE SMARTPHONE USER ACCOUNT".

- Our first step will be to set up mobile app usernames with passwords. Different than the username and password to log into the client console, these will be used to log into the smartphone-based app. Select the plus button next to the text “MAKE SMARTPHONE USER ACCOUNT,” then select a username and password. One username and password needs to be assigned to each smartphone user of this system. So long as the same user continues to use each smartphone, you know who has entered what data into the system.

\*You can name your mobile accounts anything you like, the \_1 etc format is just a suggestion

- Next, assign the supply chains that each user will be allowed to enter data about. These are labelled “text records.” Users will see these options as a drop-down menu on the app. Users also have the option on the smartphone-based app to type additional “text records,” but those entered here for that smartphone user will be displayed as default options in a drop-down box.

These text records are one of three ways to track that an item is part of the same supply chain. The other method is if the product already has a QR code or bar code assigned to it at the point of production, in which case that can be scanned at each stage of the process. An item can either use a QR code / barcode, photo or use text records.

- Decide which mobile phones will be your tracking points and download the Android or Apple app to these phones.  
 Android [https://play.google.com/store/apps/details?id=io.ayadee&hl=en\\_US](https://play.google.com/store/apps/details?id=io.ayadee&hl=en_US)  
 Apple <https://apps.apple.com/us/app/ayadee-supply-chain-tracking/id1503219103?ls=1>
- Once the Ayadee TRAK App is downloaded, use one of the usernames and passwords you created to log in, and you will also see the “text records” that you created in the admin console when the app is running. The holder of the phone can then start to take pictures, either of the product or of physical documents about the product, then either scan the QR or bar code or

selecting a text record to identify which supply chain you are entering data about. Each time you press the send button, the time and date stamp, plus GPS location, will automatically be added as data is sent into the blockchain. Each entry of data will use one TRAK point of the points you were assigned at account creation.



- Return to the administration console. You will start to see points that you have entered tracked in the system, both on the map, and in the frames below the map. The points on the map will have lines drawn between those which are part of the same supply chain, though the feature of lines can also be disabled.

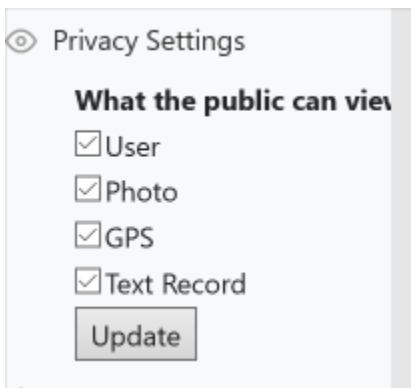
User	Date	Image	Text		Signature	QR
			GPS	Records		
xxx_9	2:42:16am Wed 12th of Feb 2020		Map 📍	brown	3c2335689c39910d10d890d03b37fc3f8400503c8b254633cc7acf87aa55fef6	1000045379~FL012320B

- You can also create a QR code to share with consumers about a specific supply chain or even have printed directly on the product, so consumers can scan that QR code with a standard cell phone camera and open a website showing the full history of that product. The consumers do not need to have blockchain knowledge to do this, they simply point the camera of their phone at the QR code. However, despite not needing to understand how to use the blockchain, they can have confidence that this data was not manipulated because it is stored in the blockchain.

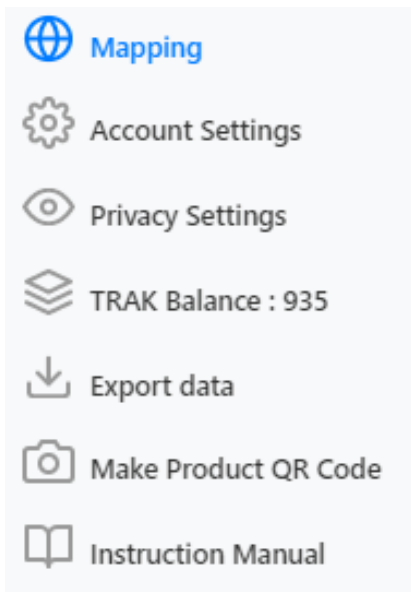


If your product already has a QR code or bar code that has been used to track this supply chain throughout the production process, you can use that same QR code or bar code, and do not need to create a new code here.

10. Although items cannot be deleted from the blockchain, we do give the option to hide certain items. You can choose if the public can see which user entered each item, if they can see photos, if they can see the GPS location of each entry, and if they can see the name of the specific supply chain (text record) of that product. You can also choose to “hide” specific entries. Although the existence of a hidden item will not be clearly visible on the consumer-facing page, someone auditing the blockchain could see the existence of the hidden item.



11. Additional menu options: TRAK Balance shows your current balance of TRAK. Each entry of data uses on TRAK. As initial users use up their initial balance of TRAK points, there will be an option coming soon to purchase additional TRAKs. These can also be purchased in Stellar’s marketplace, as TRAK is built on the Stellar protocol. The reports function is still under development, and Export data will allow you to export data as a .csv file.



Any questions can be sent to [info@ayadee.io](mailto:info@ayadee.io)