

Tarka Accord

UK Branch



Online No ID Exchange Age Verification System Proposal

Author - Oscar. C. Kelly

Contributors - Hayes D. Andrews , Daniel G. Foster

Published - 27/July/2025

Forward:

This document is a proposal for an online system that would be able to verify age without exchanging ID outside of the hands of the government.

This document is the UK Branch republication of information mostly presented in an image previously published under the authority of the Director's Office of Tarka Accord. The UK Branch of Tarka Accord is aware that the original image was created as a reaction to the UK's Online Safety Act.

Although incomplete, we believe that this proposal would be a better base for a system than what currently exists in the Online Safety Act.

The image is the following: (colour required for full understanding of image):

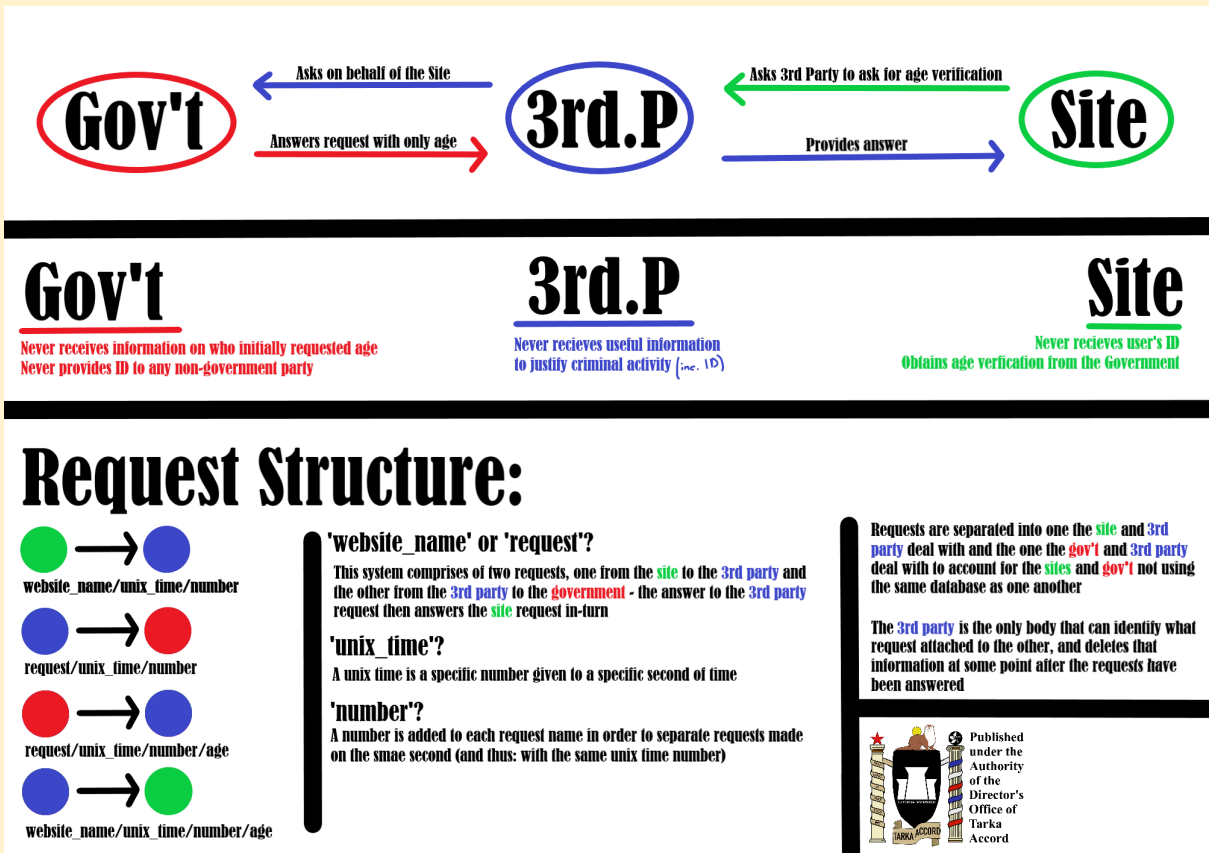


Image was published on the 22nd of July, 2025.

Contents of the Image:

To ease reference to the information in the image, it is presented again in this section.

Circular Exchange of Request and Answer:

The stages of verifying a user's age

1. The website that requires age verification submits a request to a government designated third party to provide the age of a user.
2. The third party makes its own request for the age verification to the government to ask on behalf of the initial website and provide to them an answer.
3. The government provides the third party with the age of the user without providing the third party with the user's full ID.
4. The third party takes the answer given to their request by the government and provides that as the answer to the initial website.

Information Received / Restricted:

- The government never receives information on who initially requested the age verification.
- The government only ever provides an age and never identification to a non-governmental body.
- The third party never receives any form of useful information that would justify criminal activity to sell such information.
- The website never receives the user's full identification.
- The website receives an age verification from the government for the user.

Request Structure:

Request and answer names and other information

Names:

Name structure suggestion directly copied

- Website to Third Party: website_name/unix_time/number
- Third Party to Government: request/unix_time/number
- Government to Third Party: request/unix_time/number/age
- Third Party to Website: website_name/unix_time/number

‘website_name’ or ‘request’?

Section directly copied

This system comprises of two requests, one from the site to the 3rd party and the other from the 3rd party to the government - the answer to the 3rd party request then answers the site in-turn.

‘unix_time’?

Section directly copied

A unix time is a specific number given to a specific second of time.

‘number’?

Section directly copied

A number is added to each request name in order to separate requests made on the same second (and thus: with the same unix time number).

Reason Behind Request Separation:

Requests are separated into one the website and the third party manage and one the government and the third party manage. This was done to account for the government and websites using different databases of information without direct communication.

The third party is the only body that can identify what requests sent by the website and what answered requests sent by the government connect.

Required Online ID Service:

In addition to the information as presented in the image by the Director’s Office, the UK Branch suggests that a government owned ID service would have to be available to allow the described system to function.