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TOTSCo Bulletin No 14

DATE: 29 June 2023

SUBJECT: Release of TOTSCo Hub API Specification v0.5 REVISED.

Following a thorough review of our security protocols, considering industry feedback and insights from our Technical Working Group, we are releasing a REVISED API Specification v0.5.

While we are confident that oAuth2 protocol is a solid mechanism for the TOTSCo Hub authentication process, based on industry feedback we will be adding the additional option of using an API key. This will give each CP the choice of whether to use oAuth2 or an API Key in both directions, or to send as oAuth2 but receive messages under API key authentication. This will give CPs more flexibility to choose their preferred connection mechanism.

Once the necessary updates have been incorporated into the document, we will promptly release the final version, v1.0.

This will mean until we have incorporated the additional protocol from 28 July you will be testing using **oAuth2 only**.

Furthermore, in addition to the existing Transport Layer Security (TLS) already deployed, we are currently planning the enhancement of moving to mutual Transport Layer Security (mTLS). A comprehensive impact assessment is underway, and we will provide you with an update as soon as the assessment results are available.

If you have any questions, please contact us on enquiries@totsco.org.uk.

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