ONESPAN PRODUCTS - LIST OF SUB-PROCESSORS

OneSpan Secure Agreement Automation

| Sub-processor | Purpose | Processing Location |
|--------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------|
| Amazon Web Services, Inc. | Infrastructure Service Provider | Europe, US |
| Twilio Inc. See additional contract terms Below. | SMS for authentication and notification purposes | United States |
| Jumio Corporation See additional contract terms below. | Identity Document verification | United States, India, Columbia an such other countries as Jumio may require. |
| Mitek Systems, Inc. | Identity Document verification | Europe, United States |
| Veridas Digital Authentication Solutions S.L | Identity Document Verification | Europe and the United States depending on customer location |
| Crashlytics, Google Inc. | Application performance analytics | Wherever Google or its sub- processors maintains facilities |
| Docaposte Arkhineo | Electronic archiving | Europe |

Sub-Processor Flow Down Terms

Jumio

- a. Is a partner OneSpan use for Document Identity Verification Component with use in Secured Agreement Automation (optional component, not required)
- b. Flow Down Terms:
 - i. Customer agrees that:
 - a) Supplier and not Jumio Corporation ("Jumio") is the provider of the Jumio services offerings provided through Supplier's Service (the "Jumio Solutions"), and Customer must look solely to Supplier with respect to any warranty, support and maintenance and/or any other issues or claims associated with Customer's use of the Jumio Services;
 - b) Customer my only use the Jumio Solutions for its internal business purposes;
 - c) In no even shall Jumio be liable to Customer or any third party for any loss profits, indirect, special, incidental or consequential damages or for interruption of use or loss or corruption of data with respect to Customer's receipt and use of the Jumio Solutions.

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Twilio

- c. A partner we use for Identity Verification component in all SaaS products (optional component, not required)
- d. Flow Down Terms:
 - i. Customer Agrees that:
 - a) Customer will comply with Twilio's Acceptable Use Policy located at: https://www.twilio.com/legal/aup;
 - b) Customer is responsible for ensuring that the phone numbers used for the Twilio services are up to date. Failure to do so will result in failed SMS text messages, for which Customer must pay SMS authentication charges;
 - Customer agrees to provide Supplier and Twilio reasonable cooperation regarding information requests from law enforcement, regulators, or telecommunications providers;
 - d) Customer instructs Supplier and Twilio to use and disclose Twilio Data to: (a) provide the Services consistent with Twilio's then-current Privacy Policy available at https://www.twilio.com/legal/privacy, including detecting, preventing, and investigating security incidents, fraud, spam, or unlawful use of the Services and (b) respond to any technical problems or Customer queries and ensure the proper working of the Twilio services;
 - e) Subject to the DPA between Customer and Supplier, Customer agrees that Supplier may grant Twilio a right to retain, use, and disclose Twilio Usage Data: (a) for the duration of Twilio's accounting, tax, billing, audit, and compliance purposes; (b) to investigate fraud, spam, or unlawful use of the Services; and/or (c) as required by applicable Law in accordance with the durations fixed by Law, provided that the retention, use, and disclosure of such Customer Usage Data for the foregoing purposes is subject to the confidentiality obligations as set forth in Customer's agreement with Supplier. Supplier contractually requires that Twilio anonymize or otherwise delete Twilio Usage Data when Twilio no longer requires it for the foregoing purposes;
 - f) Twilio may retain Twilio Content or any portion thereof if required by applicable law; and
 - g) If Customer records or monitors telephone calls, SMS messages, or other communications using the Twilio services, then Customer will comply with all applicable laws prior to doing so at all times. Customer must obtain prior consent to record or monitor communications using the Twilio services. Customer agrees to indemnity Supplier in accordance to the indemnification requirements located in the Master Terms for claims arising out of or related to Customer's acts or omissions in connection with recording or monitoring telephone calls, SMS messages, or other communications, whether such claims arise under contract, tort, statute of other legal theory.
 - h) Definitions:
 - a. "Twilio Content" means(a) content exchanged by means of use of the Twilio Services, such as text, message bodies, voice and video media, images, and sound; and (b) data stored on Customer's behalf via the Twilio services such as communication logs.

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- b. "Twilio Data" means the Users' phone numbers, one-time pass codes, and any other information contained in the authentication SMS text provided as part of the SMS Authentication Component that is processed through the Twilio authentication service.
- c. "Twilio Usage Data" means data processed by Twilio for the purposes of transmitting, distributing or exchanging Twilio Content; including data used to trace and identify the source and destination of a communication, such as individual data subjects' telephone numbers, data on the location of the device generated in the context of providing the Twilio Services, and the date, time, duration and the type of communication.

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