TNID

a solution by TSG Global, Inc.

Transforming identity protection and communication compliance.

Technical Discussion

TNID

Core Concepts / Keywords

Individuals

- A single person entity that consists of some generic data, including many Addresses that they can be contacted at (physical, email, phone, social, etc.)

Companies

- One or more individuals who represent a business or Brand as a sole proprietorship, LLC, C-corp, etc. Individuals have differing Roles within a Company.

Connections

- Akin to a "friend" request on other platforms, and has specific types:
  - Individual: professional, friend, family, and other.
  - Company: partner, vendor, client, and other.

Subscribers

- Akin to a "follow" on other platforms - meaning that you are opting into receiving communications from the Company across various Channels. You can edit your Preferences in relation to the Company you subscribed to at any time.

Core Concepts / Keywords

Channels / Addresses

- Channels of communication occur through some medium to an Address belonging to an Individual. They can consist of the following and more:
  - Email address
  - Physical Mail
  - Phone Number
    - Voice Calls
    - Text Messages (SMS/MMS/RCS)
    - Whatsapp
  - Social Media Handle(s)

Reports

- A complaint made by an Individual or a Company against some communication Channel source (e.g. phone number) for having received an:
  - unwanted/spam-like
  - illegal
  - uncompliant
  - phishing
  - SHAFT/CTIA violating

  communication from said source.

Live API Features (GraphQL)

B2B (Company to Company) Features

- Queries
    - Search Companies
    - Get Connected Companies
    - Get Pending Connection Requests
    - Get Previous Connection Requests
- Mutations
    - Invite Company
    - Cancel Existing Connection Request
    - Respond to Connection Request

B2C (Company to Individual) Features

- Queries
    - Search People
    - Get Connected Individuals
    - Get Pending Connection Requests
    - Get Active Subscribers
    - Get Pending Subscription Requests
    - Get Connection Requests
- Mutations
    - Invite People
    - Send Connection Request
    - Send Subscription Request
    - Cancel Connection/Subscription Request
    - Respond to Connection Request
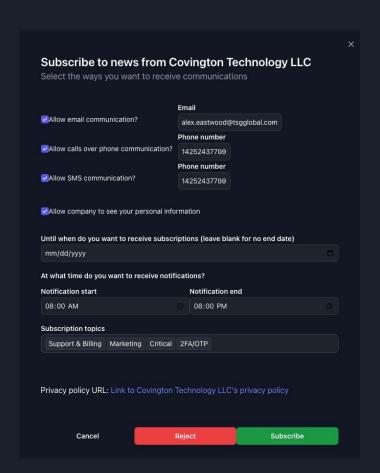
Live API Features (GraphQL)

File/View A Report

- **Queries**
  - Get Report(s)

- **Mutations**
  - Create Report

```
data : {
        "id": {uuid}
        "reporter_id": {uuid of TNID user}
        "report_created": {datetime}
        "issue_received": {datetime}
        "channel": {string: call, SMS, MMS, RCS, etc.)
        "issue_type": {string: spam, AI generated,
telemarketing, debt collection, political, robocall, fraud,
survey, sex, hate, alcohol, firearms, tobacco/weed
        "report_source": (string: iOS, API, etc.)
        "reported_to_nnid": {boolean: t/f}
        "reported_to_ocn": {boolean: t/f}
        "issue": {string: specific issue if provided by the
source}
        "from_number": {string: sender/number that
sent the communication}
        "to_number": {string: user/reporter's receiving
number that got the communication}
        "tertiary_channel": {string: additional number or
email or URL that user is prompted to go to/call in order
to further the issue, if not the from_number, e.g. "call be
back at 8003332222" and from number is a local
number}
"content": { …
```

```
"text": (string: raw text for SMS/MMS/RCS)
"ai_generated": {boolean: t/f}
"is_voicemail": {boolean: t/f}
"has_url": {boolean: t/f}
"url": {string: https://xkslr.io/sadoq, regex'd during processing
post-submission}
},

"attachments": {
"attachment": {boolean: t/f}
"attachment_id": {s3 bucket URI, if we care"}
"attachment_type": (string: gif, wav, jpg, png, etc.}
"attachment_tags": {string: generated in the future)
},
        "geolocation": {
                "city": {string: reporter's location, if available)
                "state": {string: reporter's location, if available)
                "zip": {string: reporter's location, if available)
                "latitude": {string: reporter's location, if available)
                "longitude": {string: reporter's location, if available}
},
        "status": {string: new, processing, etc.)
```

Additional Features

- Bulk .csv upload of Subscriber information
- To ensure acceptance with CTIA and other industry regulators in the telco space:
  - Hosted templated terms & conditions and privacy policies
  - Hosted webpages for sole proprietors and Companies of any size to reduce manual/paid labor to update based on campaign feedback

---

Subscribe to news from Covington Technology LLC
Select the ways you want to receive communications

☑ Allow email communication?

Email
alex.eastwood@tsgglobal.com

☑ Allow calls over phone communication?

Phone number
14252437709

☑ Allow SMS communication?

Phone number
14252437709

☑ Allow company to see your personal information

Until when do you want to receive subscriptions (leave blank for no end date)
mm/dd/yyyy

At what time do you want to receive notifications?

Notification start
08:00 AM

Notification end
08:00 PM

Subscription topics
Support & Billing   Marketing   Critical   2FA/OTP

Privacy policy URL: Link to Covington Technology LLC's privacy policy

Cancel   Reject   Subscribe

Technical Resources

Starting today!

Alpha API documentation is available for an initial review!

    a.   Please visit [TnID v2 API Alpha Specifications](#) to preview our GraphQL API and the features/functions that will be available for you to play around with.

    b.   We will be migrating this to: https://docs.tnid.com and including Python examples shortly. Please leave feedback/comment on the APIs.

We have a staging environment GUI for you to also test/work in!

    c.   Please email us at: support@tsgglobal.com and we will invite you/create an account/ID so that you may access the GUI and API.

If you have any questions about features within the GraphQL API documentation, or related to the GUI, please contact: support@tsgglobal.com with "TADHack 2024" in the subject line.

<u>Please be advised that all documentation and features are subject to change and any data may be lost in these environments without notice.</u>

Questions?

Questions later? Please email us at:
support@tsgglobal.com with "TADHack 2024"
in the subject header and we'll get back to you.