

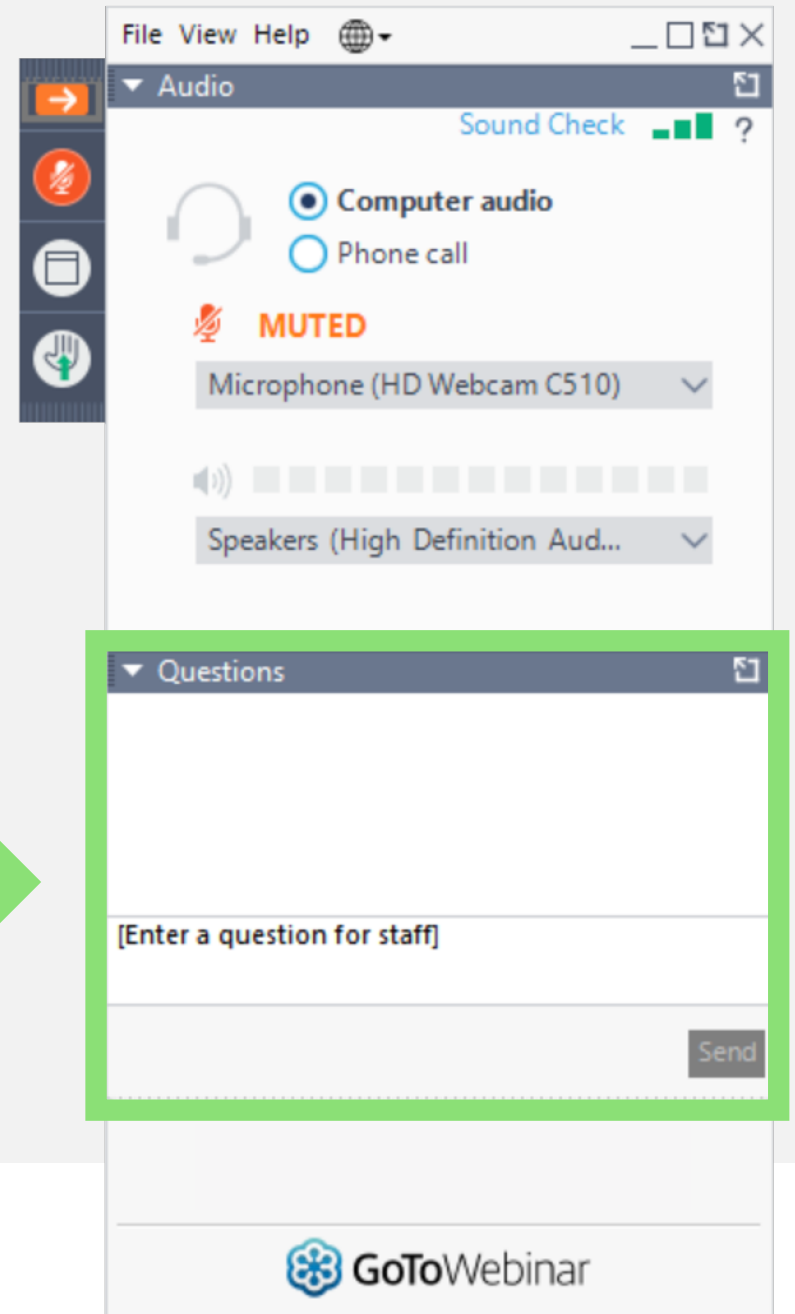


Increasing Consumer Confidence through Trusted Authentication Enablement Solutions

April 6, 2021

Webinar Control Panel

Submit your questions in the Questions box and our moderator will address your questions live.



Your
Presenter



KYLE BELCHER

Senior Product
Manager



What we will cover today

1. STIR/SHAKEN Overview
2. Attestation
3. Industry Panel Discussion
4. What is RealNumber™?
5. Do Not Originate
6. Q&A

STIR

Secure Telephony Identity Revisited

SHAKEN

Signature-based Handling of
Asserted information using toKENs

Background of STIR/SHAKEN



TRACED ACT signed into law on December 30, 2019



STIR/SHAKEN requires a provider of voice service to take reasonable measures to implement an effective call authentication framework



Providing the appropriate trust and attestation of calls originated or transiting their IP network

Deadline Approaches



3 Levels of Attestation

Full (A) Attestation

Originating Service Provider Has:

- Authenticated the calling party and attests that they are
- Authorized to use the calling number.

Partial (B) Attestation

Originating Service Provider Has:

- Authenticated the call originating trunk group BUT
- CANNOT authenticate the call source is authorized to use the calling number.

Gateway (C) Attestation

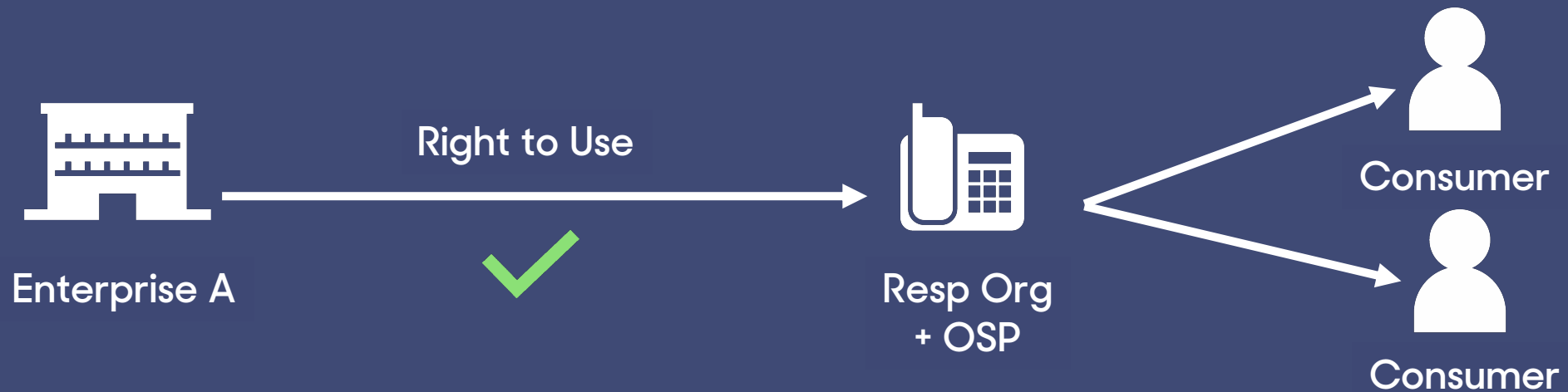
Originating Service Provider Has:

- Authenticated from where it received the call BUT
- CANNOT authenticate the call source.

Resp Org = Originating Service Provider

A-level Attestation

✓ Verified



Resp Org ≠ Originating Service Provider



Panelists



David Preo

Product Manager



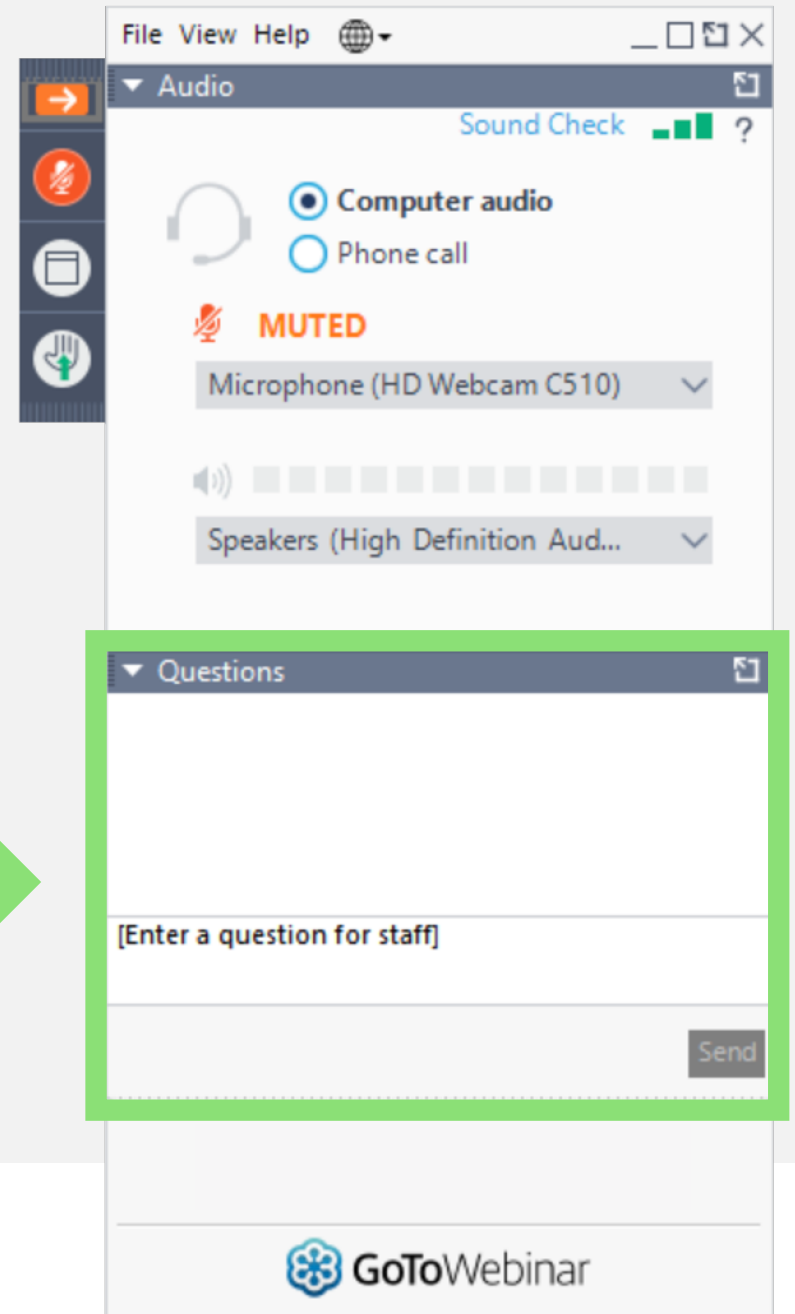
Joe White

CTO



Questions?

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What Is RealNumber?

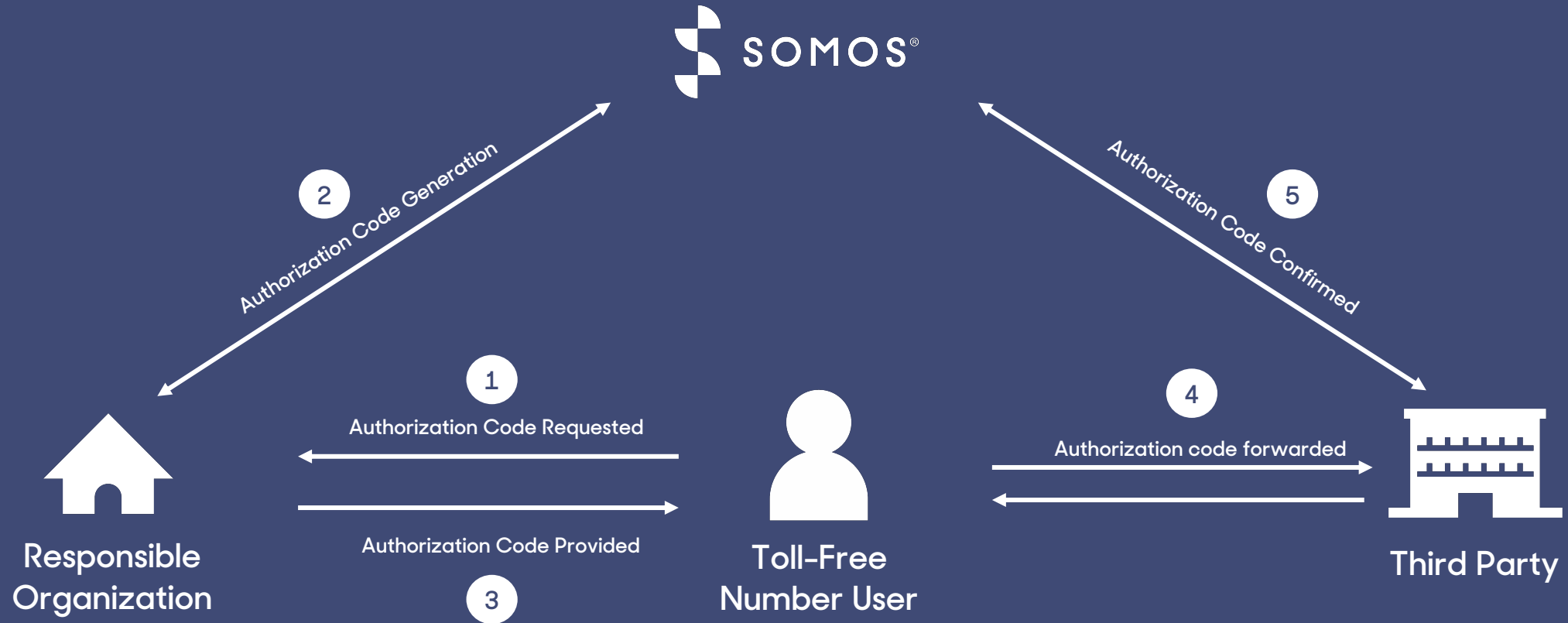
Right To Use

- RealNumber enables Certificate Authorities and other parties to verify a Toll-Free or Local number subscribers right to use of a TFN or TN.
- Right to use data is live and up to date.

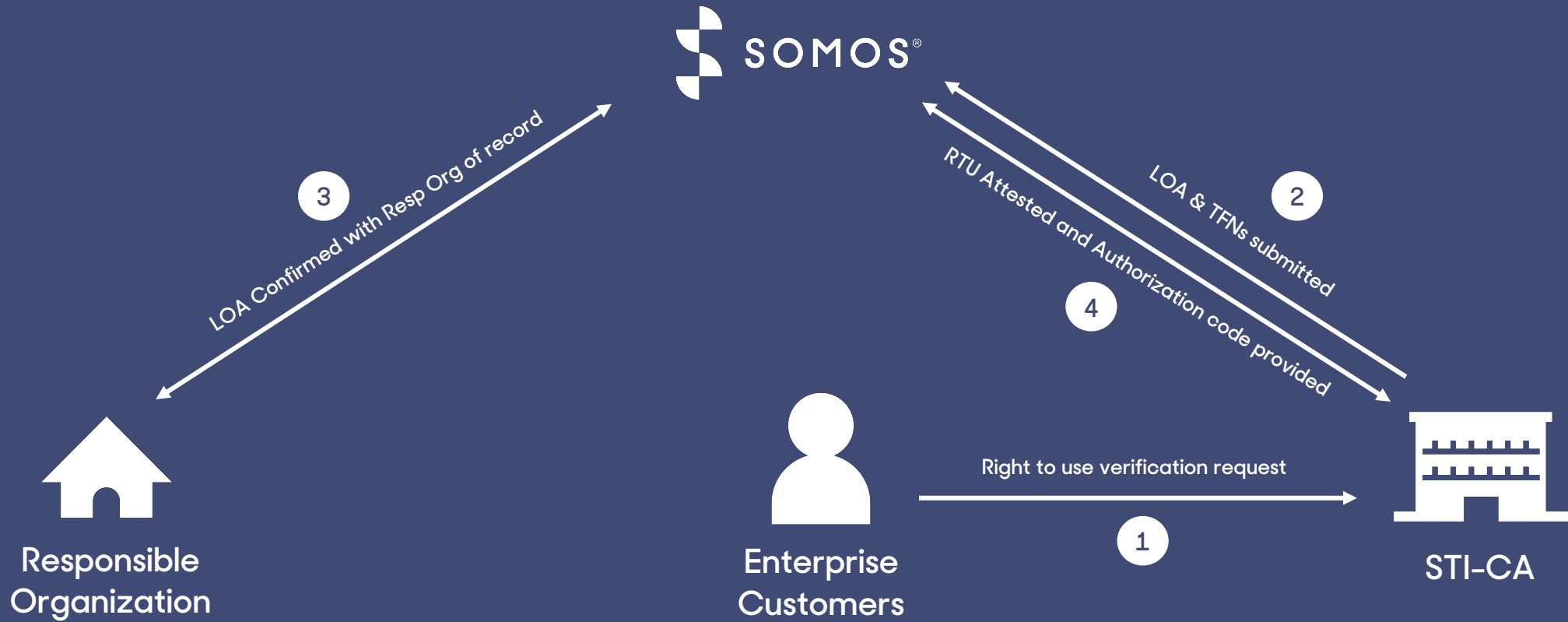
Do Not Originate

- RealNumber Do Not Originate (DNO) allows Resp Orgs and their enterprises a simple way to indicate numbers that do not originate traffic.
- RealNumber DNO is easily consumed and integrated with existing systems for increased fraud detection and analytics.

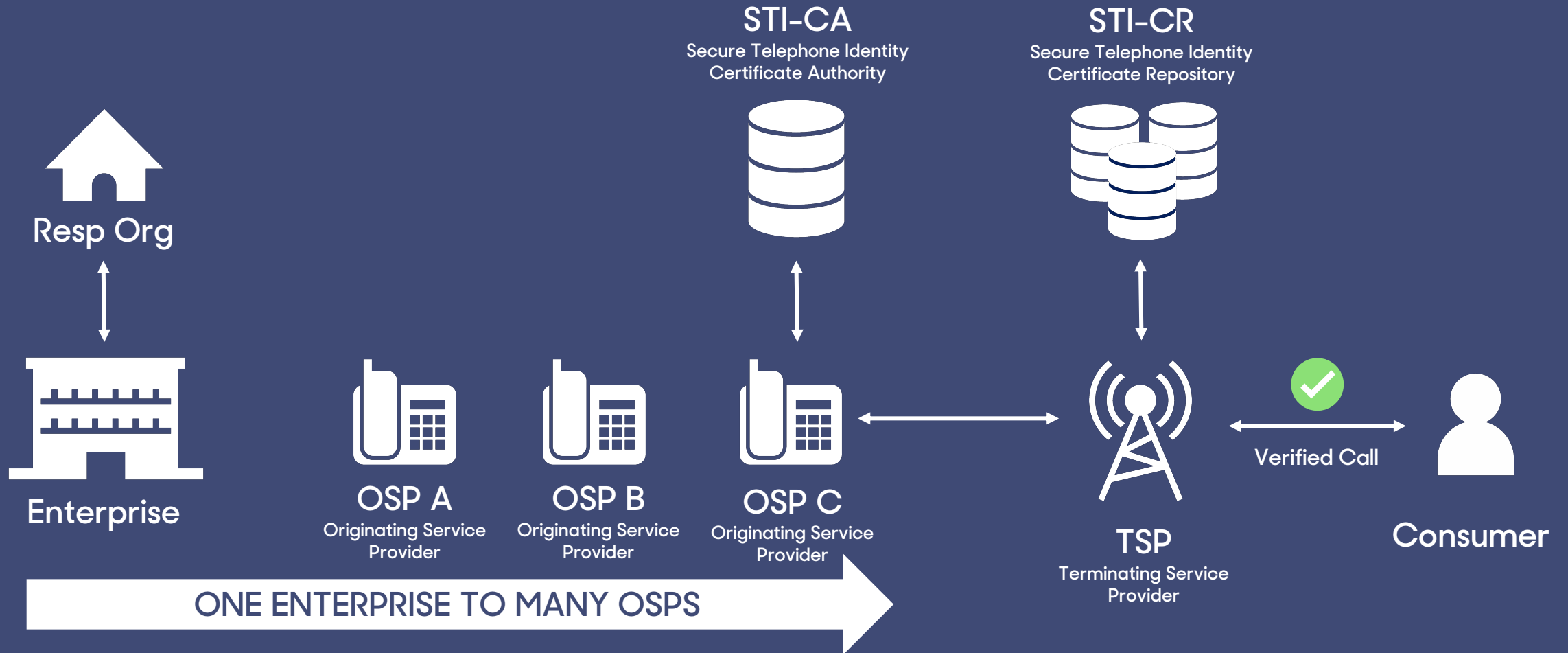
How RealNumber RTU Works



LOA process



Call Flow Example



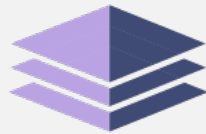


Do Not Originate (DNO)

- Over 28 Million data points TODAY
- Manually Set and Auto Set DNO
- Available as an independent service
- Fraud prevention

DNO – What's New?

Recent developments



Flat File Delivery

Users of DNO data needed a method for ingesting the entire database. In response, we have made available a SFTP server and a Pre-Signed URL where the entire file can be downloaded.



DNO Data Field Updates

Date the number was marked as DNO to help users make better informed decisions about numbers in the DNO database.

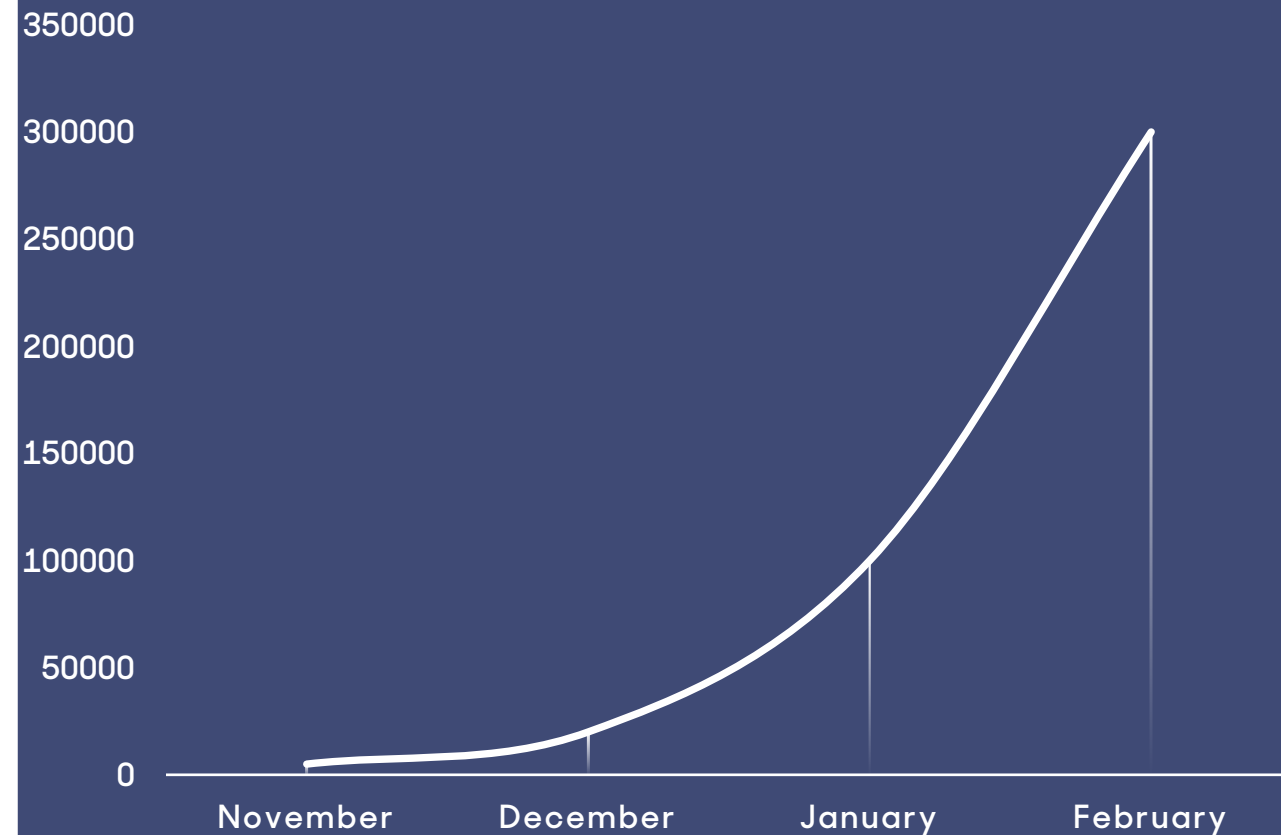
DNO – Current Counts

Over 28 Million Numbers and Growing!

- 28 Million Non-Active Numbers
- 325K Resp Org Set



MANUAL SET DNO COUNT



Responsible Organizations



Help prevent your customers inbound only numbers from being spoofed



Be proactive about stopping fraud before it starts

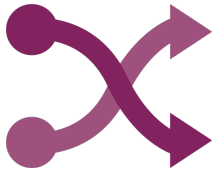


Increase value to your customers and keep them happy

Service Providers



Prevent spoofing upfront to reduce tracebacks



Add value to your existing routing table with DNO data

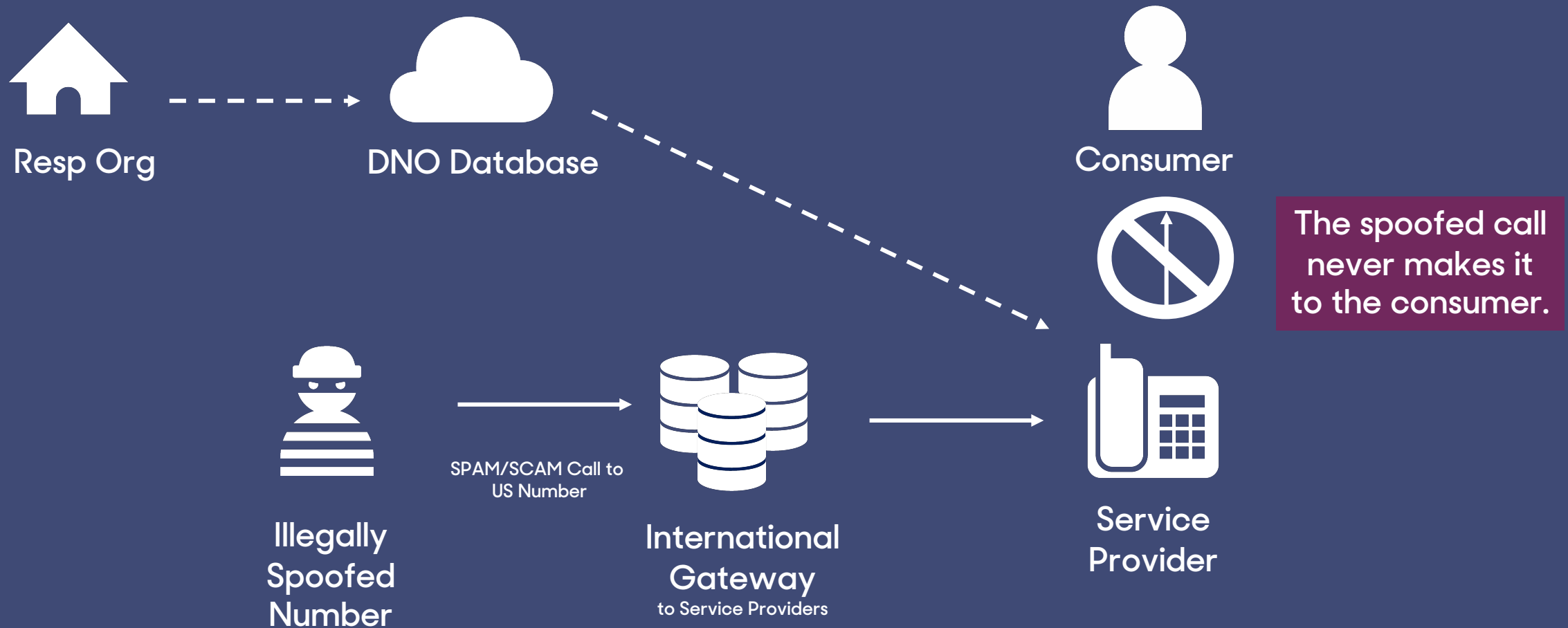


Expand fraud prevention to local numbers

Call Flow without DNO

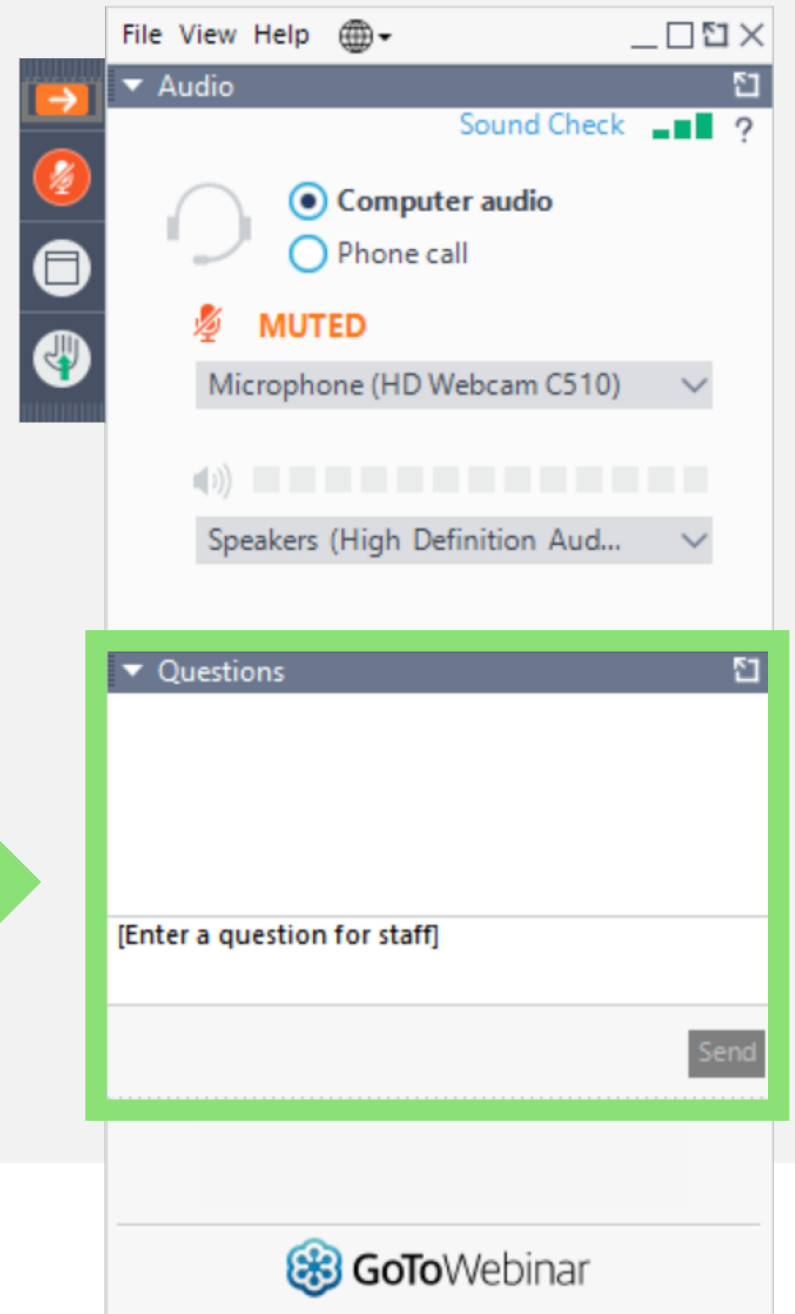


Call Flow with DNO



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Interested in
learning more
about RealNumber?



RealNumber Right to Use
goes live on April 14th!

Visit realnumber.somos.com

or

email realnumber@somos.com

