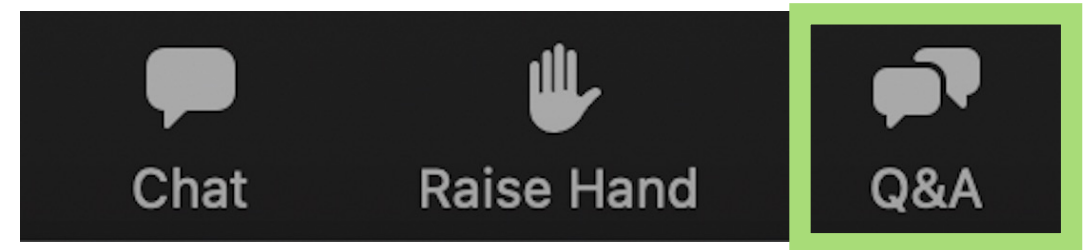


Your Guide to the FCC's New Gateway Provider Mandate



Zoom Webinar Control Panel

Submit your questions using the Q&A feature and our moderator will address your questions live.



Your Presenters



JOEL BERNSTEIN

VP, Regulatory
& Public Policy



KYLE BELCHER

Senior Product
Manager

What we will cover today:

1. FCC Order Background
2. What is a Gateway Provider?
3. Breaking Down the FCC Order
4. Reasonable DNO List Requirements
5. How RealNumber® DNO Can Help

FCC Order Background



Robocalls are the number one consumer complaint



International scams hard to prosecute



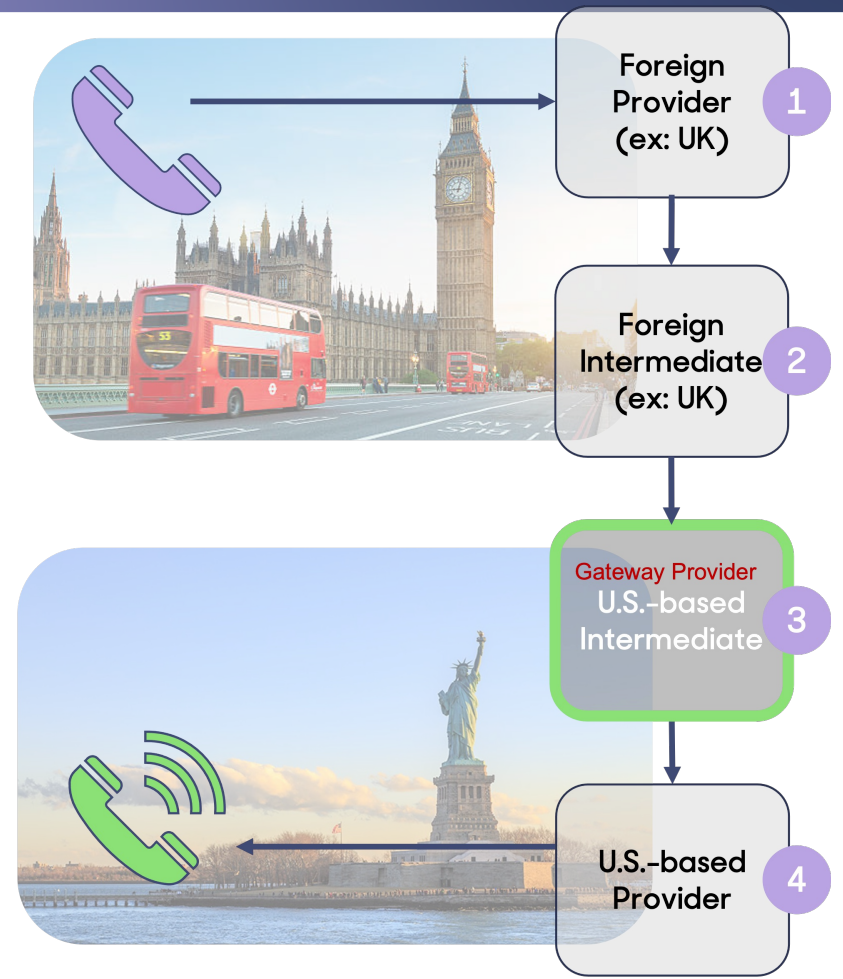
Most scams are not to the level of the IRS scam



The FCC acted where they had jurisdiction, inside the US border, focusing on Gateway Providers

Who is a Gateway Provider?

- US-based intermediate provider
- Receives foreign call
- Located in the US
- Before passing to another US provider
- Determined on a per-call basis





FCC Order Breakdown

FCC RULE	EFFECTIVE DATE
Register in the Robocall Mitigation Database (RMD)	30 days after Federal Register notice of OMB PRA approval
Implement STIR/SHAKEN and authenticate unsigned calls with a U.S. calling number	June 30, 2023
24-hour traceback response	30 days after Federal Register notice of OMB PRA approval
Know Your Customer/ Upstream Provider	180 days after publication in the Federal Register
Mitigate illegal robocalls	30 days after publication in the Federal Register
Mandatory blocking of illegal traffic when notified by the Commission	60 days after publication in the Federal Register
Block calls based on reasonable DNO list	30 days after Federal Register notice of OMB PRA approval

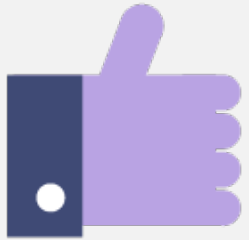
Reasonable DNO List Requirements

- Gateway Providers must use a reasonable Do Not Originate list to block calls that originate with an ANI that is on the do not originate list
- A reasonable DNO list “may include only invalid, unallocated, and unused numbers, as well as numbers for which the subscriber to the number has requested blocking”
- A wide ranging DNO list can stop hundreds of millions of illegal robocalls from ever getting to the consumer
- Using DNO list to block calls means no notification
- DNO users that employ a broad DNO list are relieved of hundreds of millions of notifications per month

QUESTIONS?

RealNumber[®]
Do Not Originate

RealNumber[®] DNO



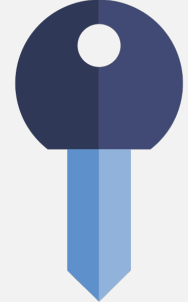
High Confidence
Of Accuracy



Robust Dataset
Of Toll-Free &
Local Numbers



Auto &
Manual Set
DNO



Flexible
Access

DNO by The Numbers

28 MILLION

Auto Set Toll-Free Numbers

2.25 MILLION

Resp Org Set Toll-Free Numbers

6+ BILLION

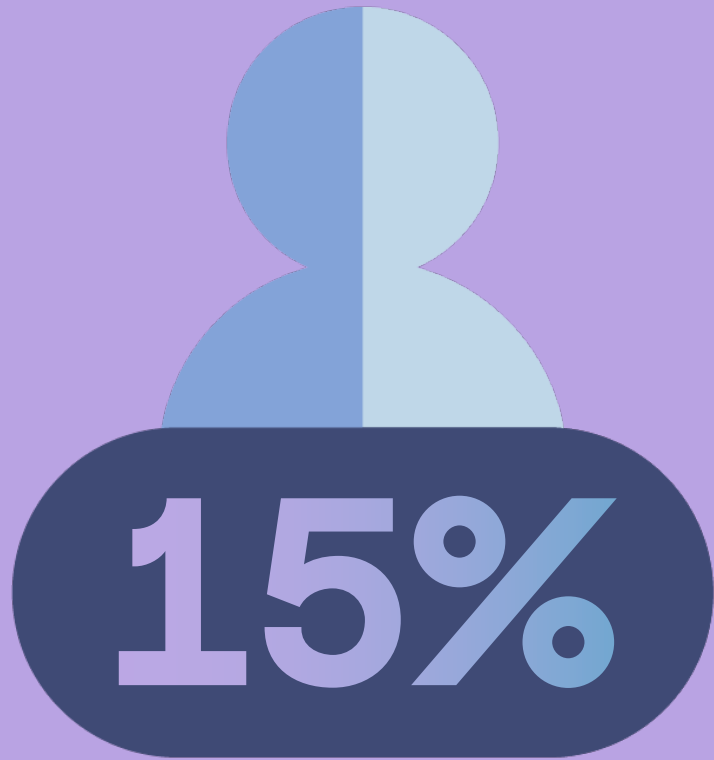
Auto Set Local Numbers

RealNumber DNO Dataset

- ITG USTelecom List
- Subscriber indicated Toll-Free and Local Numbers
- Invalid, unallocated, and unused Local numbers
- Invalid, unallocated, and unused Toll-Free Numbers.

1 Billion+

Calls per day compared against RealNumber DNO



A leading CPaaS
Gateway Provider
noted 15% of their
voice traffic was
identified as DNO

↓ 30%

After leveraging RealNumber DNO, a provider saw up to a 30% reduction in positive DNO matches

RealNumber[®]

DNO
Authorized
Distributors



ORCAWAVE



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Chat



Raise Hand



Q&A

Interested in
learning more about
RealNumber DNO?

Contact a
Somos team member today:
connect@somos.com

RealNumber DNO can help to clean up your networks
and increase trust in phone numbers.

