

How to Comply with the FCC Robocall Mitigation Database



Kevin Rupy
Attorney, Partner
Telecom, Media
& Technology



Julien Nordstrand
Sr Director
Product Mgmt



Bart Pesavento
Director
Product Marketing



September 15, 2021

LEGAL DISCLAIMER

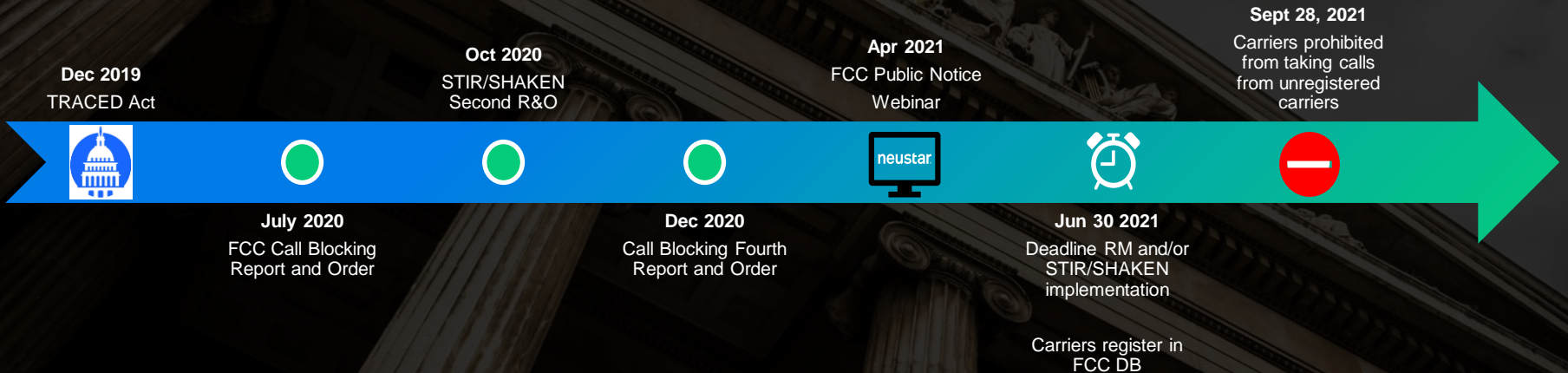


These materials and opinion are for informational purposes only and not for the purpose of providing legal advice. One should contact an attorney to obtain advice with respect to any particular issue or problem.

Regulations

RECAP AND IMPLICATIONS

All providers of voice service had to certify that they either implemented STIR/SHAKEN or a Robocall Mitigation Plan into their networks by June 30, or all of their calls will be **BLOCKED** starting September 28, 2021.



REVIEW REGULATIONS

- All voice and intermediate providers are prohibited from accepting traffic from non-filers starting 9/28/2021
- Applies to all carriers (regardless of size) and certain foreign voice service providers
- Carriers must certify under penalty of perjury to the steps they are taking to stop robocalls
- Intent of regulation is to ensure that all carriers are either participating in the STIR/SHAKEN framework or have implemented a robocall mitigation plan



from the Federal Communications Commission

Media Contact:

Will Wiquist, (202) 418-0509
will.wiquist@fcc.gov

For Immediate Release

FCC REQUIRES VOICE PROVIDERS TO REPORT ON ROBOCALL REDUCTION EFFORTS

Phone Companies Must Block Calls From Non-Filers

WASHINGTON, April 20, 2021—The Federal Communications Commission today launched the Robocall Mitigation Database through which voice service providers are required to inform the agency of their robocall mitigation efforts. As of September 28, 2021, phone companies must refuse to accept traffic from voice service providers not listed in the Robocall Mitigation Database.

The new Robocall Mitigation Database includes a portal through which voice providers must file certifications regarding their efforts to stem the origination of illegal robocalls on their networks. Companies that were granted an extension for compliance with the call authentication mandate contained in the TRACED Act and FCC rules – generally small companies and/or providers of non-IP-based services – must file detailed reports on the steps they are taking to ensure they are not the source of illegal calls.

“Protecting consumers from scammers that use robocall and spoofing tools is a top priority,” said FCC Acting Chairwoman Jessica Rosenworcel. “To succeed, we not only need an all-hands-on-deck response from government, but we need industry commitment and focus. Our message to providers is clear: certify under penalty of perjury the steps you are taking to stop illegal robocalls, or we will block your calls.”

What progress has your organization made in complying with the latest FCC mandate?

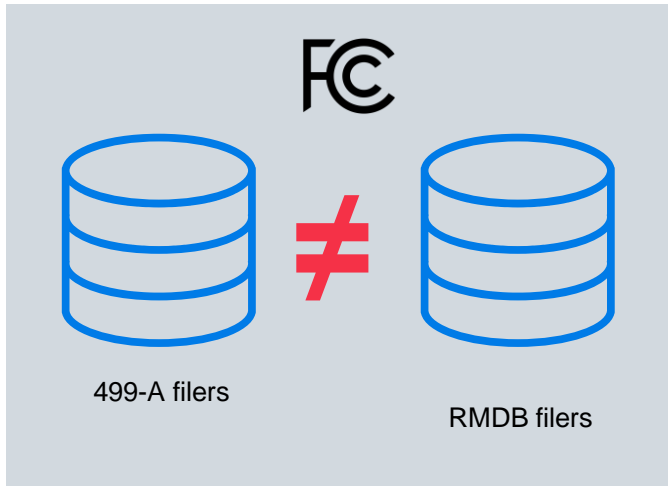
- A. Gathering information
- B. Planning stage
- C. Evaluating solutions
- D. Implemented a solution
- E. Does not apply

Market Problem

THE CHALLENGE



Intermediate providers and terminating voice service providers will be prohibited from accepting traffic from voice service providers not listed in the FCC's Robocall Mitigation Database, beginning September 28, 2021.



WHO HAS REGISTERED IN FCC RMDB?

3224

Filings of over 5000 carriers have registered

103

Countries represented

19%

of carriers have fully implemented STIR/SHAKEN

55%

have not implemented STIR/SHAKEN (likely rural LECs)

UPDATED: September 13 2021



CATA BEST PRACTICES

FCC's Wireline Competition Bureau directed the **Call Authentication Trust Anchor (CATA) Working Group (WG)**, to recommend best practices that satisfy Congress's directive.



[CATA Best Practices](#)



CATA BEST PRACTICES

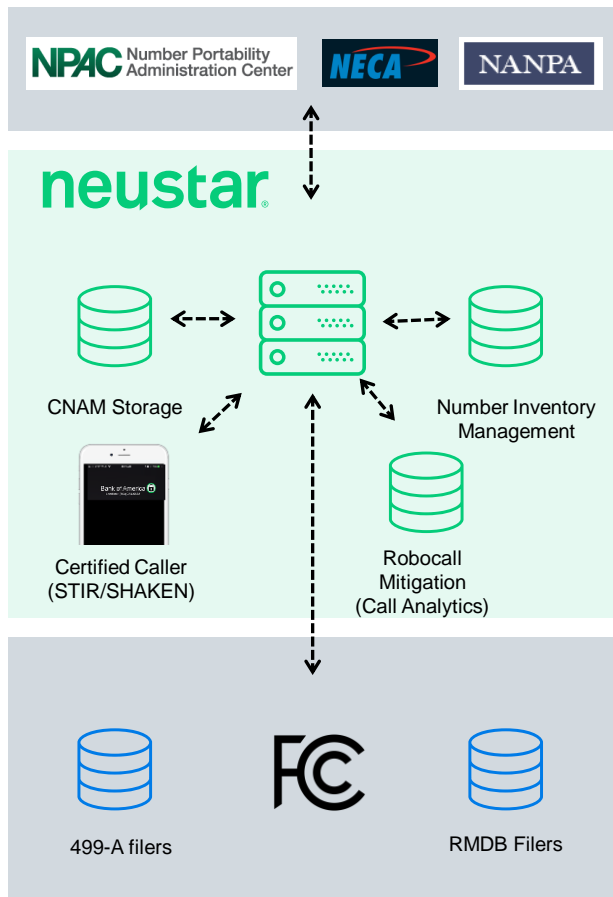
1. **Subscriber Vetting.** Service Providers should vet the identity of retail and wholesale subscribers
2. **TN Validation.** Originating Services Providers should confirm the Customer's right-to-use a Telephone Number.
3. **A-Level Attestation.** Originating Service Providers should authenticate calls with attestation level A only when they can confidently attest that the End-User initiating the call is authorized to use the TN-based caller identity
4. **B- and C-Level Attestation.** Originating Service Providers should only authenticate calls with attestation levels B or C for calls where TN Validation has not been performed.
5. **Third-Party Validation Services** ('third-party vetting services'- FCC). Originating Service Providers should use a third-party validation service when they cannot or choose not to independently perform TN Validation
6. **International.** Service providers that sell services to international call originators using North American Numbering Plan (NANP) numbers should develop processes to validate that the calling party is authorized to use the telephone number or caller identity.
7. **Ongoing Robocall Mitigation.** Service providers, whether IP- or non-IP-based should have ongoing robocall mitigation programs in addition to implementing call authentication protocols.

What measures has your organization pursued to mitigate robocalls?

- A. Fully implemented STIR/SHAKEN
- B. Partial implementation of STIR/SHAKEN for IP portions of network
- C. Implemented a robocall mitigation program
- D. Work in progress
- E. Not applicable

Solution

TRUSTED CALL SOLUTIONS



DATA MANAGEMENT

- Neustar has mapped the 499-A filer database to the FCC RMDB filer database.
- These filings are compared against industry numbering resource data and also against Neustar numbering insights.

METHODS FOR CONSUMING DATA

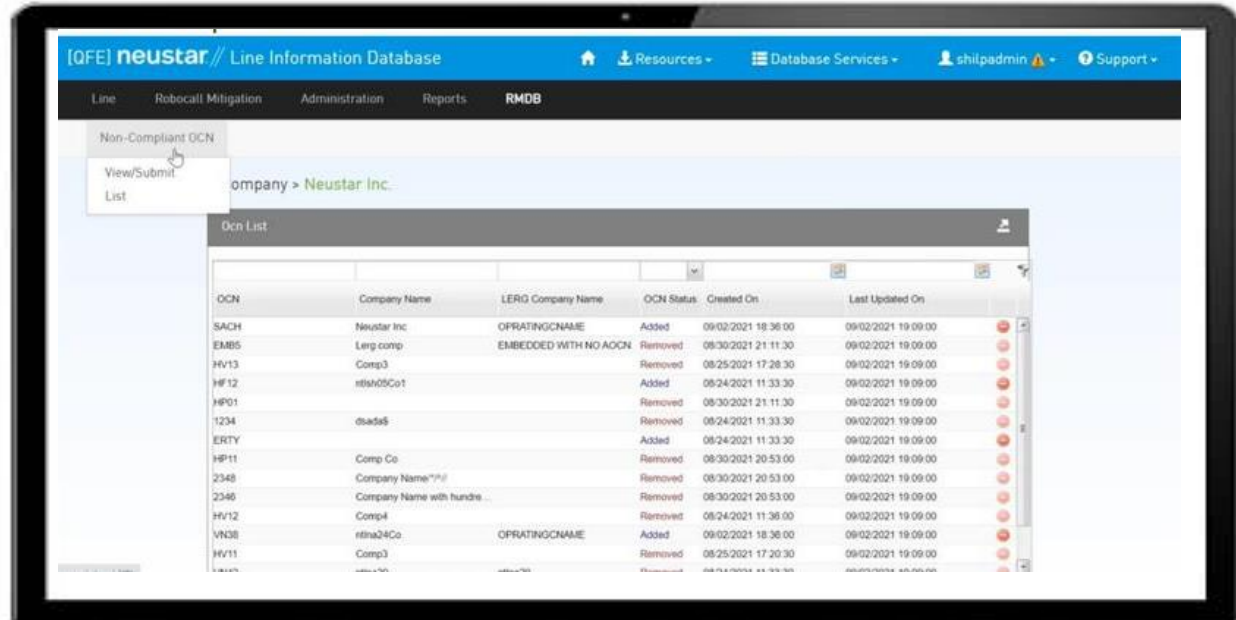
1. Batch

- File Transfer, containing OCNs of service providers that are non-compliant.

2. Real-time

- Live query into SIP Proxy. SIP 6XX redirect for calls from the non-compliant service providers.
- Live query from STI-VS/SDPR at the point of call authentication

HOW DOES IT WORK?



- OCNs that are non-compliant will have an OCN Status of 'Active'
- OCNs that have been removed from the non-compliant will appear as 'Removed'

Q&A



Thank You

CallerID@team.neustar

Give us a call **1-855-898-0036**