

**STI**

Governance  
Authority



# STIR/SHAKEN VIRTUAL SUMMIT

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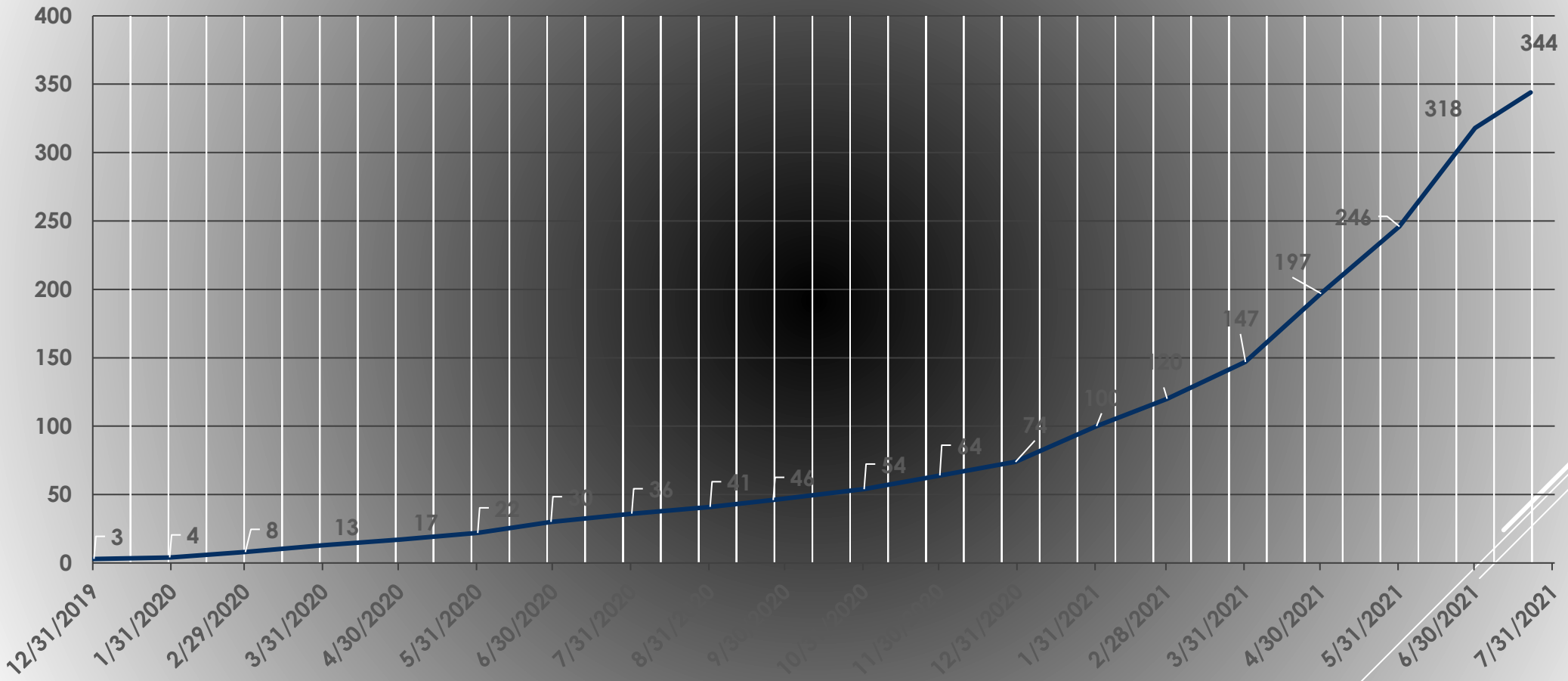
July 23, 2021



# SHAKEN IMPLEMENTATION STATUS

- ▶ Service Providers:
  - ▶ 344 SPs authorized
  - ▶ Mix of Large, medium and small SPs, urban and rural, wireline, wireless and interconnected VoIP
- ▶ Certification Authorities:
  - ▶ 9 CAs approved
  - ▶ 7 serving the broader industry
  - ▶ PMA continues to review Certification Practice Statements

### Authorized STI Participants





# STI-GA POLICY

- ▶ Funding Methodology
- ▶ Upcoming Policy Changes
- ▶ SPC token Access Policy
- ▶ SPC token Revocation & Reinstatement Policy
- ▶ Certificate Policy



# FUNDING METHODOLOGY

- ▶ SHAKEN Framework Budget
  - ▶ STI-GA, STI-PA, Contingency Fund for other costs, such as Change Orders
- ▶ 2021 funding 100% via STI-PA Fees
  - ▶ Minimum - \$825
  - ▶ Maximum - \$283,950
  - ▶ 2021 Contribution Factor: .0001821
  - ▶ Shaken Framework fully funded for 2021
- ▶ 2022 funding 100% via STI-PA Fees
  - ▶ Contribution Factor: TBD



# UPCOMING POLICY CHANGES

- ▶ Resp Org Access to SPC tokens
  - ▶ STI-GA Board voted to change policies necessary for Non-SP Resp Orgs to attain access to SPC tokens.
- ▶ Delegated Certificates
  - ▶ STI-GA Board voted to change policies necessary for the optional use delegate certificates in the SHAKEN ecosystem



# SPC TOKEN ACCESS POLICY

- ▶ Board's goal is to open SPC token access to as many service providers as possible while ensuring continued integrity and security of ecosystem
- ▶ Changed criteria
  - ▶ Have a current 499A on file with the FCC
  - ▶ Have been assigned and Operating Company Number
  - ▶ Have certified with the FCC that they have implemented STIR/SHAKEN or comply with the Robocall Mitigation Program requirements and are listed in the FCC database
  - ▶ Any SPs previously authorized under the direct access to TN criteria must meet the new criteria by July 30, 2021 or risk SPC token revocation.





# SPC TOKEN ACCESS POLICY CONT'D

- ▶ Changed criteria for to allow Resp Orgs access
  - ▶ Have a current form 499A on file with the FCC, or can provide proof of payment of Annual Resp Org Fee to the FCC
  - ▶ Have been assigned an Operating Company Number (OCN), or a Resp Org ID
  - ▶ Have certified with the FCC that they have implemented STIR/SHAKEN or comply with the Robocall Mitigation Program requirements and are listed in the FCC database; or is a non-service provider Resp Org that has direct access to telephone numbers from the Toll-Free Number Administrator (TFNA).





# REVOCAATION & REINSTATEMENT POLICIES

- ▶ Revocation
  - ▶ Board process to withdraw SPC token access from a provider found to be abusing their SPC token access privileges
  - ▶ SPs must meet revised SPC token Access Policy by July 30, 2021
    - ▶ Notice will be given to non-compliant SPs prior to revocation.
- ▶ Reinstatement
  - ▶ A provider may seek reinstatement once their access has been revoked
  - ▶ Reinstatement based on provider Plan of Action to remedy issues
- ▶ FCC issued draft order determining its role in SPC token Revocation for decision at August 5, 2021 open meeting.
  - ▶ <https://www.fcc.gov/document/establishing-stirshaken-token-revocation-appeals-process>



# CERTIFICATE POLICY

- ▶ Certification Authority practices and policies that must be followed in order to be approved by the STI-PA to serve as trusted STI-CA in the SHAKEN ecosystem
- ▶ Issuance of new CP (version 1.2) due to changes to support optional use of delegate certificates and Resp Org Access to SPC tokens
  - ▶ All current STI-CAs must review new CP, make appropriate edits to their CPS and submit edited CPS for review and approval.



# FUTURE FOCUS OF STI-GA

- ▶ Ensuring Funding for 2022
- ▶ Implementation and testing of
  - ▶ Delegate Certificate Functionality
  - ▶ Resp Org Access to SPC tokens
- ▶ Vetting Qualified Certification Authorities
- ▶ Further Evaluation of policy needed to appropriately secure the SHAKEN ecosystem
  - ▶ Methods to identify abuse of the SHAKEN ecosystem
- ▶ Continued coordination with the FCC
  - ▶ SP Access
  - ▶ Revocation and enforcement
- ▶ Considering international aspects of STIR/SHAKEN



# OUTREACH & OTHER RESOURCES

- ▶ STI-GA Webinar Series
  - ▶ Webinar 1 – Understanding STI-GA Policy & Registering with the STI-PA
    - ▶ December 3, 2020
  - ▶ Webinar 2 – Working with a Certification Authority
    - ▶ January 21, 2021
  - ▶ Webinar 3 – What to do when you are ready to sign calls
    - ▶ February 25, 2021
  - ▶ Access Recordings: <https://www.atis.org/webinars/stir-shaken-webinar-series/>
- ▶ STI-GA Mid-Year Report
  - ▶ Access Report: <https://sti-ga.atis.org/>

# QUESTIONS?