SANSAY STIR/SHAKEN

On-demand scalability

Cost-effective solution (OPEX & CAPEX)

Burstability without additional cost

Hosted, on-premise private cloud

A la carte consumption

Delegated certificates

Supports industry-standard security practices and protocols

Deploys as quickly as 15 minutes

Unparalleled 24x7x365 customer service

Free evaluation

Each day, Americans receive millions of unwanted phone calls that "spoof" or falsify Caller ID information. These spoofed calls are not just an annoyance — they degrade consumer confidence in the voice network, harm public safety, and result in billions of dollars lost to fraud.

Recently, Caller Identity theft and spoofing have been exacerbated by an assault of robocalling systems, which use SIP-based telecommunications networks to engage in odious activities.

To prevent Caller ID spoofing, the USA FCC and Canadian RTC are mandating the implementation of a new industry-standard called STIR/SHAKEN.

STIR/SHAKEN establishes a framework that strengthens caller identity security and helps unmask spoofed calls.

All VoIP service providers in the United States are required to deploy STIR/SHAKEN no later than June 30, 2021.

SANSAY STIR/SHAKEN

Sansay's STIR/SHAKEN solution, NSS, empowers service providers to comply with the STIR/SHAKEN framework.

NSS delivers high performance, geo-redundancy, robust call authentication, and verification service.

NSS can be deployed in any virtual environment, as an appliance in your datacenter or fully managed by Sansay.

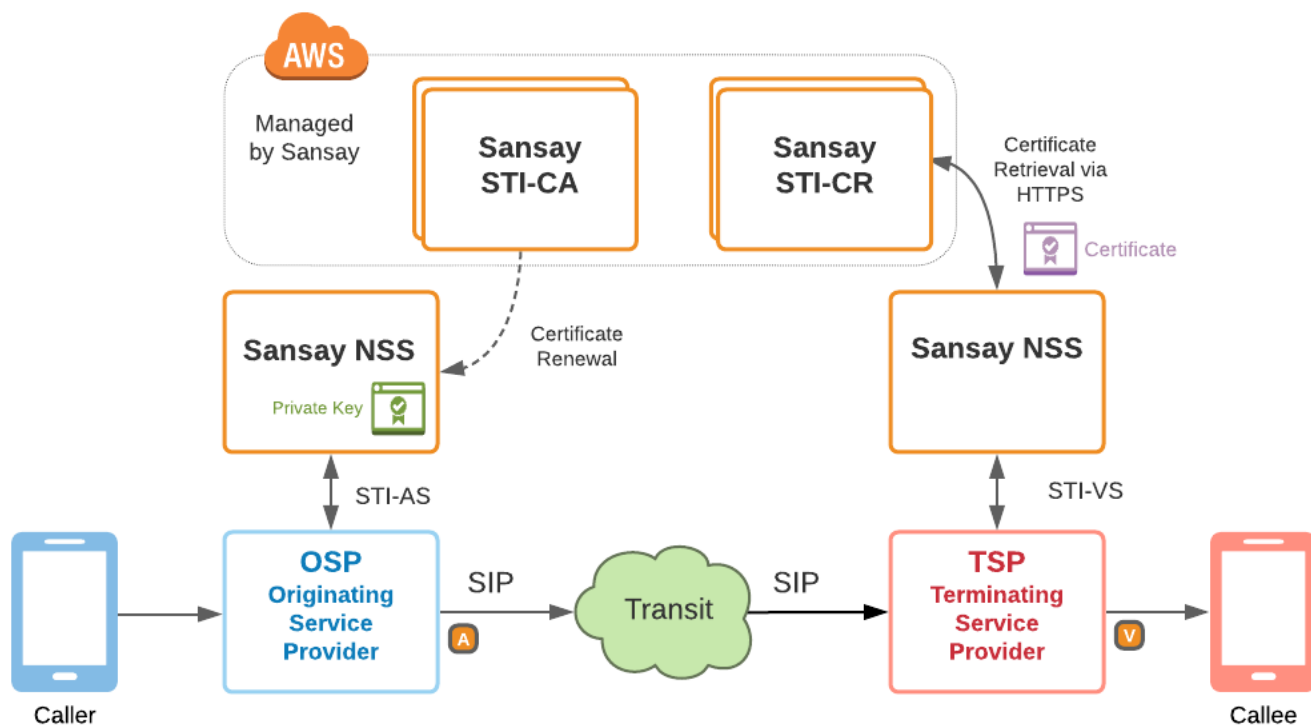Sansay is an STI-CA, which allows your organization to obtain a STIR/SHAKEN-compliant certificate.

SANSAY STIR/SHAKEN SOLUTION

Authentication Service (STI-AS): Provides the Originating Service Provider SBC with call authentication that generates a STIR/SHAKEN signature.

Verification Service (STI-VS): Provides the Terminating Service Provider with call-verification service to verify caller validity.

Certificate Repository (STI-CR): Provides Originating Service Providers with certificate hosting services that Terminating Service Providers use for call verification.

Certificate Authority (STI-CA): Provides Originating Service Providers with STIR/SHAKEN certificates required to sign calls.