

# Text-based Traditional Caller ID Display Framework Proposal

Chris Wendt

# Overview

- We have built our initial implementation of STIR/SHAKEN and have some thoughts around a fixed line traditional Caller-ID display
- We have essentially 3 flavors of Caller-ID in our network.
  - 15 character analog phone caller-id Display
  - Caller-ID to the TV - currently 32 characters with some possibility of showing graphics in the future
  - Soft/Mobile Client Caller ID display - theoretically limitless on what can be displayed.

# Proposal for traditional Caller-ID display

- **(+) STI verification successful/Full Attestation:**

From: "+John Doe"<sip:+12155153798@ims.comcast.net;user=phone;verstat=TN-Validation-Passed>;tag=yen5w3zu-CC-88

P-Asserted-Identity: "+John Doe"<sip:+12155153798@ims.comcast.net;user=phone;cpc=ordinary;verstat=TN-Validation-Passed>

- **(?) STI not present (or STI verification success/Partial/Gateway Attestation):**

From: "?John Doe"<sip:+12155153798@ims.comcast.net;user=phone;verstat=No-TN-Validation>;tag=yen5w3zu-CC-88

P-Asserted-Identity: "?John Doe"<sip:+12155153798@ims.comcast.net;user=phone;cpc=ordinary;verstat=No-TN-Validation>

- **(!) STI verification failed (or Potential/Probable Spam):**

From: "!John Doe"<sip:+12155153798@ims.comcast.net;user=phone;verstat=TN-Validation-Failed>;tag=yen5w3zu-CC-88

P-Asserted-Identity: "!John Doe"<sip:+12155153798@ims.comcast.net;user=phone;cpc=ordinary;verstat=TN-Validation-Failed>

# Proposal for traditional Caller-ID display

- For target solution what enduser will see are:
  - Analog phone LED will display "+John Doe"
  - Caller ID to TV will display "+John Doe(ID Verified)" (and green check mark if set-top box is capable)
  - Mobile/Soft client: "+John Doe(ID Verified)" and a green checkmark