**Non-IP Call Authentication Task Force – Charter & Scope**

The passage of the TRACED Act and adoption by the Federal Communications Commission (FCC) of its March 2020 FNPRM (Further Notice of Proposed Rulemaking) highlighted a need to further examine non-IP (i.e., TDM) call authentication. The FCC’s rulemaking, for example, would establish deadlines for the implementation of call authentication in non-IP networks. Additional time would be provided for service providers that undertake “reasonable efforts,” which the FCC indicates would be satisfied if a voice service provider can demonstrate that it is participating as a member of a group or consortium that is working to develop a non-IP solution.

The new task force within ATIS’ PTSC is focused on call authentication for TDM-based Originating Service Providers (OSP) and Terminating Service Providers (TSP) and will leverage extensive ATIS expertise in call authentication and in TDM standards. The task force will complement the work already being addressed in the joint ATIS/SIP Forum IP-NNI Task Force.

Scope of the task force:

* Identify and document the call authentication challenges facing TDM networks;
* Gain an understanding of the SHAKEN architecture and governance model to facilitate consideration of complementary approaches for TDM networks;
* Investigate the feasibility of TDM call authentication frameworks, including how these would interact with SHAKEN;
* Advance call authentication issues for TDM networks, including as directed by the IP-NNI Task Force:
	+ A framework for TDM call authentication mechanisms,
	+ Extending STIR/SHAKEN over TDM Interconnects,
	+ Out-of-band (OOB) SHAKEN,
	+ Any other TDM call authentication mechanisms that may be proposed.
* Discuss and develop consensus-based positions on relevant work underway in the IP-NNI Task Force;
* Evaluate the viability of implementing proposed call authentication mechanisms for TDM networks; and
* Develop, if appropriate, best practices for TDM networks to address issues such as the deployment of relevant IP-NNI Task Force specifications (for example, OOB SHAKEN if approved by the IP-NNI Task Force) or interworking potential call authentication mechanisms in TDM networks with SHAKEN.