



# PUBLIC NOTICE

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## CGB ANNOUNCES AGENDA FOR ROBOCALL AND CALLER ID SPOOFING WORKSHOP ON SEPTEMBER 16, 2015

Washington, D.C. — On August 11, the FCC announced its plans to hold a workshop on September 16 to continue its recent work helping consumers fight unwanted robocalls by examining the current state of robocall-blocking and call-filtering solutions, steps industry is taking to protect consumers from unwanted robocalls, and potential solutions to caller ID spoofing.<sup>1</sup>

With this Public Notice, the Consumer and Governmental Affairs Bureau announces the agenda and panelists for the workshop on Wednesday, September 16, 2015, at FCC Headquarters, Commission Meeting Room, 445 12th Street SW, Washington, DC.

The tentative agenda is outlined below:

9:00 am - 9:30 am      Welcome, Alison Kutler, Acting Chief, Consumer and Governmental Affairs Bureau  
Opening Remarks, Tom Wheeler, Chairman, Federal Communications Commission and others

9:30 am - 10:15 pm      Panel 1: Why do consumers need blocking services, and what types of services work best?  
Moderators: John B. Adams, FCC; Kristi Lemoine, FCC  
Panelists: Delara Derakshani, Consumers Union; Marguerite Sweeney, Indiana Attorney General's Office; Lois Greisman, Federal Trade Commission

Discussion topics will include the extent of the unwanted robocalls problem, how unwanted robocalls can harm consumers, and the role of service providers and others in protecting consumers and networks from unwanted robocalls.

10:20 am - 11:30 am      Panel 2: What third-party solutions are available, and what are the challenges to making them more effective?  
Moderators: Lynn Follansbee, US Telecom; Alison Neplokh, FCC  
Panelists: Aaron Foss, Nomorobo; Greg Blumstein, TrueCNAM; Tom Hsieh, True Caller; Jon Peterson, IETF; Martin C. Dolly, ATIS; Victor Pascual Avila, Oracle

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<sup>1</sup> Save the Date: FCC to Host Robocall and Caller ID Spoofing Workshop, Public Notice, DA 15-910 (Aug. 11, 2015).

Discussion topics will include how call-filtering and caller ID validation services work, technical challenges to implementing call filtering, including spoofing, and how relevant parties (including service providers, standards organizations equipment providers, and developers) can coordinate efforts to prevent unwanted robocalls and caller ID spoofing.

11:30 am - 12:30 pm Lunch

12:30 pm - 1:45 pm Panel 3: What do carriers and other providers currently offer, and what are the challenges they face in making them more effective?  
 Moderators: Professor Mustaque Ahamad, Georgia Institute of Technology; Antonio Sweet, FCC  
 Panelists: Alex Bobotek, AT&T; Sanjay Udani, Verizon; Tim Hightower, Adams Telephone Cooperative; Dane Jasper, Sonic.net; Baruch Sterman, Vonage; Ben Sharpe, Call Control

Discussion topics will include the availability and features of current call-filtering services, technical challenges of offering call filtering on TDM-based and hybrid TDM/IP networks, spoofing’s effect on filtering services, and the availability of smartphone call-filtering apps.

1:50 pm - 2:45 pm Panel 4: How can gateway providers help stop unwanted robocalls?  
 Moderators: Henning Schulzrinne, FCC Technology Advisor/Professor, Columbia University; Jerusha Burnett, FCC  
 Panelists: Scott Mullen, Bandwidth.com; JP Gonzalez, Level3 Communications; Adam Panagia, AT&T; Joe Weeden, Metaswitch

Discussion topics will include how gateway providers can identify robocalls and calls with spoofed caller ID reaching the network, whether gateway providers can block or mark robocalls and calls with spoofed caller ID before they enter the network, and possible bases for blocking unwanted robocalls or spoofed caller ID.

2:45 pm - 3:00 pm Closing Remarks  
 Mark Stone, FCC

One goal of the workshop is to provide relevant parties the opportunity for a detailed discussion of possible steps and timelines toward improved blocking of unwanted robocalls and reducing the incidence of caller ID spoofing. We recognize that many organizations will need to coordinate their activities to achieve the shared goals of reducing unwanted calls, caller ID spoofing, and fraud. To facilitate that discussion, we suggest, as a starting point, the following benchmarks and timelines for accomplishing each benchmark.

	Authentication	Call filtering
<b>Winter 2015-2016</b>	Internet Engineering Task Force (IETF) completes Secure Telephone Identity Revisited (STIR) SIP header document. Industry organizations and	Carriers using VoIP-enabled local exchanges enable simultaneous ringing-based call filtering.

	advisory committees recommend approach for storing per-number cryptographic credentials.	
<b>Spring 2016</b>	IETF and/or Alliance for Telecommunications Industry Solutions (ATIS) complete initial validation key store and mutual trust validation; complete documentation for do-not-originate (DNO) list registration.	Carriers offer “egregious callers” filters to customers based on honeypots and other information sources; relevant industry organizations decide on vertical service code for reporting unwanted robocalls.
<b>Spring 2016</b>	ATIS drafts best practices document for marking and handling VoIP calls that fail caller ID validation. Gateway service providers offer DNO service to organizations whose numbers are being spoofed.	IETF and/or ATIS draft best practices document for indicating receiver call filtering in SIP, caller robocall reporting, and other operational practices.
<b>Summer 2016</b>	Session border controller vendors offer beta versions of SIP caller ID validation and test at SIPit interoperability test event.	For carriers preferring third-party call filtering, define external (HTTP or SIP) application programming interface (API).
<b>Fall 2016</b>	Originating carriers and gateway service providers start signing SIP calls based on carrier-based certificates or credentials.	Carriers offer first version of user-controlled call filtering.
<b>Winter 2016-2017</b>	Terminating carriers validate SIP calls based on carrier or per-number certificates or credentials.	
<b>Summer 2017</b>	All VoIP-originated calls are signed.	

The workshop is open to the public and registration is not required, but seating is limited. Attendees are advised to arrive approximately 30 minutes prior to the start of the workshop to allow time to go through our security process. The workshop will be streamed live on the Commission’s website, [www.fcc.gov](http://www.fcc.gov), for persons interested in viewing the workshop via the Internet.

Each panel will utilize a moderated discussion format. Because of time limitations and the expected large audience, the Commission regrets that panelists will be unable to respond to audience questions.

Open captioning will be provided for this event. Other reasonable accommodations for people with disabilities are available upon request. Please send an e-mail to [fcc504@fcc.gov](mailto:fcc504@fcc.gov) or call the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty), include a description of

the accommodation you will need, and tell us how to contact you if we need more information. Make your request as early as possible - last minute requests will be accepted, but may be impossible to fill.

**FOR FURTHER INFORMATION CONTACT:** Kristi Lemoine, Consumer and Governmental Affairs Bureau, Federal Communications Commission, at 202-418-2467 or [kristi.lemoine@fcc.gov](mailto:kristi.lemoine@fcc.gov).

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