



→ **Nov 2017**

**FCC authorizes blocking of certain types of calls**

Carriers authorized to block the following call types without subscriber permission required  
Invalid numbers, numbers unallocated to any service provider, numbers unassigned by a service provider to a subscriber, Do Not Originate numbers.

**Nov 2018** ←

**FCC demands industry deploys STIR/SHAKEN**

Letters sent to 11 voice providers asking those that had not yet established concrete plans to implement the SHAKEN and STIR standards to implement such standards without delay.

→ **Nov 2018**

**FCC urges more in phone industry to join in tracing scam robocalls**

Letters sent to 8 voice providers who are not participating in an industry-led “traceback” effort, requesting that they assist industry efforts to trace scam robocalls that originate or pass through their networks. Responses emailed to FCC by Nov. 20, 2018.

**May 2019** ←

**TRACED Act passes in Senate**

Precursor to the compromise Pallone-Thune TRACED act. Mandates STIR / SHAKEN, but does not become law.

→ **Jun 2019**

**FCC clarifies call blocking can be provided by default**

FCC clarifies that service providers can provide call blocking by default based upon reasonable analytics on an informed optout basis.

**Jul 2019** ←

**FCC STIR / SHAKEN summit in Washington DC**

→ **Jul 2019**

**Stopping Bad Robocalls Act passes in the House of Representatives**

Precursor to the compromise Pallone-Thune TRACED act. Mandates STIR / SHAKEN, but does not become law.

**Dec 2019** ←

**FCC Chairman Pai and CRTC Chairman Scott Complete First International Authenticated STIR/SHAKEN Call**

→ **Dec 2019**

**Pallone-Thune TRACED Act becomes law**

Mandates STIR / SHAKEN on IP traffic within 18 months of becoming law, i.e. by 30 June 2021, at no cost to consumers and small enterprises



→ **Nov 2016**

**CRTC lays out best practices for opt-in nuisance call filtering service**

Not mandated, but recommended.

**Jan 2018** ←

**CRTC requires STIR / SHAKEN to be deployed by March 2019**

...authentication and verification of caller ID information for Internet Protocol (IP) voice calls should be implemented by Canadian telecommunications service providers (TSPs) by no later than 31 March 2019 to empower Canadians to better protect themselves against nuisance calls.

→ **Dec 2018**

**CRTC requires Universal Call Blocking (block calls with badly formed numbers) to be implemented by 19 Dec 2019**

The Commission mandates that universal network-level call blocking where the caller identification purports to originate from telephone numbers that do not conform to established numbering plans is to be implemented by Canadian carriers and other telecommunications service providers (TSPs) that provide voice telecommunications services within 12 months of the date of this decision. This mandate will not apply to those Canadian carriers and other TSPs providing voice telecommunications services that implement call filtering solutions within the time frame prescribed for the implementation of universal network-level call blocking.

**Dec 2019** ←

**FCC Chairman Pai and CRTC Chairman Scott Complete First International Authenticated STIR/SHAKEN Call**

→ **Dec 2019**

**CRTC requires service providers to implement STIR / SHAKEN on IP networks by September 2020**