



What the FCC's NG911 Rules Mean for You

The FCC recently voted to accelerate the transition to end-to-end Next Generation 911, advancing the transition to an IP-based 911 system. The decision mandates that wireline, CMRS, text, interconnected VoIP, and internet-based TRS providers shift to NG911 in two phases.

- **Phase 1:** OSPs must deliver 911 traffic in IP-based SIP format to designated Delivery Points set by the 911 Authority.
- **Phase 2:** OSPs must deliver 911 traffic in IP-based SIP format that supports routing, caller location, and the transmission of emergency information in accordance with NG911 commonly accepted standards, referred to as i3 formatting.

Key Compliance Deadlines

Following a valid PSAP request, you will be required to comply within a specified timeframe.

- **Six months** for non-rural wireline, nationwide CMRS, text, and VoIP providers.
- **Twelve months** for Rural Local Exchange Carriers (RLECs), non-nationwide CMRS, and internet-based TRS providers.

Note, the transition to Phase 1 will generally be completed before starting Phase 2, while allowing PSAPs and OSPs to reach agreements to progress directly to Phase 2 where appropriate. In general, OSPs and PSAPs should work together for the best outcomes.

Great News: We Have You Covered

OSPs could face a significant logistical and technical effort to overhaul and implement new data transmission. The decision requires status management of every PSAP that traffic is delivered to, meaning it must be tracked whether each PSAP is completely NG911 ready (SIP in an i3 format), partially deployed (SIP), or not yet deployed (TDM).

The great news for you is that with Intrado's solutions, you are either already compliant or are on the path to compliance. There is no need to build anything in-house and no need to independently manage the status of all the PSAPs you deliver calls to.

Intrado's holistic solution determines a PSAP's network status and NG911 capabilities so that data is automatically passed (via TDM or Direct IP) in the format the PSAP accepts —i2, SIP, or i3-formatted SIP.

Intrado is evolving our solution to be a turnkey service that:

- Is the single point of contact for a request
- Establishes connectivity to every ESInet
- Determines the target ESInet and delivers calls directly
- Converts i2-signaling into i3-compliant signaling
- Customizes i3-signaling per the preferences or requirements of each target ESInet

You avoid maintaining the routing, ESInet requests, and format capabilities for each network's standards. We allow you to operate seamlessly regardless of network and devices, and there are no net new operational needs.

Intrado will ensure requests for assistance get to the right PSAP, in the right format, compliant with FCC requirements.

Next Steps

If you have questions about NG911 and its impact on your business, please reach out to speak with your account team.