



December 12 , 2022

Audience: CLEC,ISP,IXC,Resellers,Wireless,ILEC

Subject : Verizon Partner Solutions Industry Letter: Maryland - CARRIER NETWORK CHANGE REQUIREMENTS RESULTING FROM THE INTRODUCTION OF THE NEW 227 NUMBERING PLAN AREA ("NPA") IN THE EXISTING 240/301 NPAs

Verizon Maryland LLC (hereinafter Verizon) is publishing this letter to inform you of important actions your company will need to take in light of the upcoming introduction of the new 227 NPA in Maryland.

On August 3, 2022, the Maryland Public Service Commission (MD PSC) issued a letter approving the start of implementation of an all-services distributed overlay for the 240/301 NPA region. The 240/301 NPAs are in the western portion of Maryland and serve all or portions of Aspen Hill, Bethesda, Bowie, Frederick, Gaithersburg, Germantown, Hagerstown, Potomac, Silver Spring, Waldorf, Wheaton, and many other 12 communities. The new 227 area code will serve the same geographic area currently served by the existing 240/301 area codes.

Network Change Requirements

The introduction of the new 227 NPA may present additional network requirements for reaching **E911**. If you are not presently utilizing SS7 trunking for E911 in the 240/301 NPA, you must either convert your network to utilize SS7 signaling or establish additional, unique Multi Frequency Centralized Automatic Message Accounting (MF CAMA) trunks for the new 227 NPA to distinguish between E911 calls from the existing 240/301 NPAs and E911 calls from the new 227 NPA. Failure to address these changes may result in the inability of calls to complete to E911 call centers.

In addition, carriers currently utilizing MF CAMA trunks in the 240/301 NPAs and intending to use Verizon's **Operator Services (OS) or Directory Assistance (DA)** in the new 227 NPA must provide separate trunk groups in their OS/DA network for the new 227 NPA. New trunks for OS or DA will be required to serve all customers using the new 227 NPA. These trunks can be ordered now through normal ordering procedures, and required testing of these trunks must be completed prior to the Network Completion date of **May 14, 2023**. Failure to address these changes may result in the inability of calls to complete to the OS/DA network.

Additional General Information

All carriers providing local exchange services in the 240/301 NPA region are being directed to complete their network preparation for the new 227 NPA by **May 14, 2023**. The 240/301/227 Area Code Relief Plan will not affect rates or local calling areas. No existing numbers will change; all numbers will retain their current NPA.

Since the 240/301 NPA region has 10-digit local dialing in effect, a permissive dialing period is not necessary for the 240/301/227 NPA Overlay implementation. Below is a summary of the current dialing plan for the 240/301 NPAs which will continue as the new 227 NPA is implemented:

Type of call	Call terminating in	Dialing plan
Local Call	Home NPA (HNPA) or Foreign NPA (FNPA)	10 digits (NPA-NXX-XXXX)*
Toll Call	HNPA or FNPA	1 + 10 digits (1 + NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0 + 10 digits (0 + NPA-NXX-XXXX)

*1+10 digit dialing for all calls permissible at each service providers discretion.

New telephone lines or services activated on or after **June 14, 2023** may be assigned numbers with the new 227 NPA. Activation of the new 227 NPA will not result in any changes in Verizon rates or local calling areas.

Verizon will launch customer education plans providing information related to the MD 240/301/227 NPA Overlay. Consumer information regarding this Area Code Relief Plan and others throughout the Verizon Region is available at verizon.com/areacodes.

Additional information regarding the MD 240/301/227 NPA overlay is available at:

https://nationalnanpa.com/planning_letters/PL_603.pdf

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