



COMMUNICATIONS GUIDELINE NUMBER 20-01

Guidelines for Network IP Addressing for Public Safety Communications Systems

Effective: Immediately
Date issued: 10/28/2020

Valid: Until revoked or superseded
Revision: 0

SUMMARY:

This document is intended to inform public safety users, vendors, service providers, and consultants in New York State (NYS) that guidelines exist for internet protocol (IP) network addressing for use when designing, implementing, or modifying public safety communications systems in support of the State's "System of Systems" approach for interoperability. Contact DHSES-OIEC (dhses.oiec@dhses.ny.gov) for the actual guideline with specific details for IP network addressing. The document is titled Interoperability Network IP Addressing Plan.

JUSTIFICATION:

The Interoperability Network IP Addressing Plan must be followed in order to prevent IP address conflicts and thereby allow for future interoperable communications through systems integration.

DESCRIPTION:

The Interoperability Network IP Addressing Plan is coordinated and maintained at the State level by DHSES-OIEC under the Network Asset Inventory Project. In order to keep sensitive network attributes private, this plan is not intended to be distributed to those not directly involved with system design, implementation, or modification. DHSES-OIEC will authorize distribution of the plan to those who meet the security requirements established for distribution of this information/document. Counties should refer to OIEC's grant program requirements for additional information.

PERMITTED USES:

The Interoperability Network IP Addressing Plan is for public safety users, vendors, service providers, and consultants in NYS for designing, implementing, or modifying the IP network addressing for public safety communications systems in support of the State's "System of Systems" approach for interoperability. The Interoperability Network IP Addressing Plan is not intended to affect the IP network addressing of systems provided by local IT professionals and their internal systems.

TECHNICAL PARAMETERS:

The Interoperability Network IP Addressing Plan outlines a methodology for IP network address ranges for Wide Area Networks, Local Area Network, and External Networks based on geographical codes and coordination through DHSES-OIEC.