

ILLINOIS STATE POLICE
Office of the Statewide 9-1-1 Administrator



State of Illinois

Application for
9-1-1 Modification Plan
Long Form

INTRODUCTION

The following document provides the application for submitting a 9-1-1 Modification Plan that will supply the Illinois State Police (ISP), the Illinois Commerce Commission (ICC), and the Statewide 9-1-1 Administrator (Administrator) with the necessary information about your proposal to modify your 9-1-1 system. All modification plans must comply with 83 Ill. Adm. Code Part 1324.300.

LONG FORM MODIFICATION PLAN:

NOTE: If the modification results in increased network costs for the State, the costs must be pre-approved by the Administrator pursuant to Section 1326.210 before submitting the modification plan.

The following 9-1-1 system changes require Administrator approval:

- 1) Changing geographic boundaries for wireline, wireless, VoIP, and text where it requires an intergovernmental agreement between 9-1-1 Authorities to modify those boundaries
- 2) Changes in network configuration, or 9-1-1 system provider except as provided for in subsection 1325.200(h), (i.e., implementation of a Next Generation 9-1-1 (NG9-1-1) system)
- 3) Change of Backup PSAP arrangement or Pre-Determined Alternate Route(s).

The Modification Plan must include the following documents:

General Information	Contact and 9-1-1 System information.
Verification	Notarized statement of truth regarding information provided in the plan.
Letter of Intent	Letter that is sent to the 9-1-1 System Provider with a copy of the plan.
Narrative Statement	A summary of the changes to the proposed system's operation.
Financial Information	A summary of anticipated implementation costs and annual operating costs of the modified 9-1-1 system that are directly associated with 9-1-1 as well as the anticipated revenues.
Communities Served	A list of all communities that are served by the 9-1-1 System.
Participating Agencies	A list of public safety agencies (Police, Fire, EMS, etc.) who are directly dispatched by the 9-1-1 System.
Adjacent 9-1-1 Authorities	List all adjacent 9-1-1 authorities that provide call handling and/or aid outside of your jurisdictional boundaries.

Originating Service Providers (OSP)	A list of each OSP, exchange(s), prefix(es), and the various 9-1-1 System configurations that will be used in the proposed system.
Test Plan	The 9-1-1 System's overall plan detailing how and to what extent the network and database will be tested.

Attachments (if applicable)

Backup PSAP Agreement	The agreement that establishes back-up service due to interruptions or overflow services between PSAPs.
------------------------------	---

Backup PSAP Agreement is not Changed/Affected by this Modification.

Call Handling Agreement(s)	Call handling agreement(s) shall describe the primary and secondary dispatch agreement method(s) to be used by requesting parties within their respective jurisdictions.
-----------------------------------	--

Call Handling Agreement(s) are not Changed/Affected by this Modification.

Contracts	The contract for a new NG9-1-1 system provider.
------------------	---

Network Diagram	Provided by the 9-1-1 system provider showing network, backup configuration and pre-determined alternate route(s).
------------------------	--

Modification Plans must be filed electronically on the ISP's website at:

<https://isp.illinois.gov/Statewide911Division/ConsolidationPlansAndWaivers> where you will see the box below:



Once the plan is submitted, the ISP and the ICC will each have 20 days to provide a technical review of the plan to submit to the Administrator for approval.

GENERAL INFORMATION

DATE:

System Name:	Population Served	Land Area in Sq. Miles

List PSAPs and SAPs:	Primary	Secondary

911 System Contact: _____
 Street Address: _____
 City, State and Zip Code: _____
 Office Telephone: _____
 Cellular Telephone: _____
 Email: _____

Please check:

- Receive Integrated 9-1-1 Text (SMS)
- Receive Integrated 9-1-1 Text (RTT)
- Receive 9-1-1 Videos/Pictures (MMS)

Text Control Center: _____

VERIFICATION

I, _____, first being duly sworn upon oath, depose and say that I am _____, of _____; that I have read the foregoing plan by me subscribed and know the contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon information and belief, and as to those, I believe same to be true.

Subscribed and sworn to before me

this _____ day of _____, 20 _____.

NOTARY PUBLIC, ILLINOIS

9-1-1 SYSTEM PROVIDER LETTER OF INTENT

(Date)

(9-1-1 System Provider Company Representative)

(9-1-1 System Provider Company Name)

(Street Address)

(City, State, Zip Code)

Dear _____:

This letter is to confirm our intent to modify our 9-1-1 System. Enclosed is your copy of our modification plan to be filed with the Illinois State Police for approval.

Thank you for your assistance in this matter.

Sincerely,

enclosure: Modification Plan

NARRATIVE STATEMENT:

Please answer the questions below and provide a detailed narrative to assist the Statewide 9-1-1 Administrator with an understanding of the plan as it applies to this application. Please use additional sheets if necessary.

- 1) Provide the name and contact information for your certified 9-1-1 system provider.
- 2) Explain the national standards, protocols and/or operating measures that will be followed.
- 3) Explain what measures have been taken to create a robust, dependable, and diverse/redundant network and whether other 9-1-1 Authorities will be sharing the equipment.
- 4) Explain what security measures will be placed on the PSAP's IP 9-1-1 network and equipment to safeguard it from malicious attacks or threats to the system operation and what level of confidentiality will be placed on the system in order to keep unauthorized individuals from accessing it.
- 5) Identify the backup PSAP.
- 6) Provide predetermined alternate route information.
- 7) Explain how split exchanges will be managed.
- 8) Explain how the GIS database will be maintained and how boundary, address point, and street center line errors will be corrected and updated on a continuing basis.
- 9) Indicate who will be responsible for updating and maintaining the data. At a minimum, data must be updated and submitted to the hub and NGCS provider on a quarterly basis and whenever changes are made.

Plan Narrative:

FINANCIAL INFORMATION

Annual Recurring 9-1-1 Network Costs
Prior to Modification \$ _____

Projected Annual
Recurring 9-1-1 Network Costs After
Modification \$ _____

Installation Cost of the Project \$ _____

Additional Recurring Costs as a Result
of the Modification – Provide Explanation Below \$ _____

Provide a summary of anticipated implementation costs and annual operating costs of the modified 9-1-1 system that are directly associated with 9-1-1 as well as the anticipated revenues.

TEST PLAN

- 1) The Test Plan defines testing with all OSPs and Aggregators who are known, including but not limited to, call testing, system overflow, system backup, pre-determined alternate routing, call transfers, NG9-1-1 address components and functionality, Integrated Text to 9-1-1 for Short Message Service (SMS) or Real Time Text (RTT) and if applicable, Multimedia Messaging Service (MMS), measurement tools, reporting solutions and voice and speech quality. The Test Plan should include Failover Test Cases, Network Equipment Test Cases, Call Handling Equipment Test Cases, Call Processing Test Cases including Text and Split Exchange Testing.

- 2) List wireline exchanges to be tested.

- 3) List the Wireless, Text and VoIP Carriers to be tested.

ZIP CODES

Provide a list of the Zip Codes within the 9-1-1 Authority's boundary for the communities being added to your system. The Statewide 9-1-1 Bureau will determine the 9-1-1 Authority's zip code percentage based on the Zip Code Boundary and the NG9-1-1 GIS Address Point data.

--