

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



State of Illinois

Application for
9-1-1 Consolidation Plan

INTRODUCTION

The following document provides the application for submitting a 9-1-1 Consolidation Plan that will supply the Department of State Police (Department), the Illinois Commerce Commission (ICC), the Statewide 9-1-1 Advisory Board (Advisory Board) and the Statewide 9-1-1 Administrator (Administrator) with the necessary information about your proposal to consolidate your 9-1-1 system. All consolidations plans must comply with 83 Ill. Adm. Code Part 1324.

The Emergency Telephone System Act ("ETSA" or "Act") (50 ILCS 750) Section 15.4a(b) states that each 9-1-1 authority or qualified governmental entity required to consolidate must file a consolidation plan by July 1, 2016.

There are three consolidation categories. Please find below the documents that need to be included when filing a consolidation plan for each category.

- 1) Consolidation of an unserved county with an existing 9-1-1 authority and the creation of a Joint ETSB
- 2) Consolidation of either paper ETSB's or multiple ETSB's resulting in the creation of a Joint ETSB and consolidation of individual PSAP's
- 3) Consolidation of PSAPs within an ETSB

Consolidation Plans defined under categories 1) and 2) above, must include the following documents when submitting a consolidation plan:

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.
Plan Narrative	A summary of the changes of the proposed system's operation.
Financial Information	A summary of anticipated implementation costs and annual operating costs of the consolidated or 9-1-1 system that are directly associated with 9-1-1 as well as the anticipated revenues.
5-Year Strategic Plan	A detailed plan for implementation and financial projections.
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 dispatched by the 9-1-1 System.
Adjacent Agencies	A list of public safety agencies (Police, Fire, EMS, etc.) that are adjacent to the 9-1-1 System's jurisdictional boundaries.
Attachments (if applicable):	
Ordinance	Any local ordinances which dissolve an existing ETSB or creates a new ETSB.
Intergovernmental Agreement	Any intergovernmental agreements or MOU's creating a joint ETSB or any other agreements pertinent to the 9-1-1 system.
Contracts	Contract(s) with a 9-1-1 system provider or for NG-9-1-1 service.
Back-up PSAP Agreement	Establishes back-up and overflow services between PSAPs.
Network Diagram	Provided by the 9-1-1 system provider showing trunk routing and backup configuration.
Call Handling Agreements	Call handling agreements shall describe the primary and secondary dispatch method to be used by requesting parties within their respective jurisdictions.
Aid Outside Jurisdictional	Aid outside normal jurisdictional boundaries agreements shall provide that once an emergency unit is dispatched in response to a request through the system, such unit

Boundaries Agreements	shall render its service to the requesting party without regard to whether the unit is operating outside its normal jurisdictional boundaries.
Carrier Listing	A list of each carrier telephone company(s), exchange(s), prefix(es), and the various 9-1-1 System configurations that will be used in the proposed system.
Test Plan	The 911 System's overall plan detailing how and to what extent the network and data base will be tested.

These consolidation Plans must be filed electronically on the Department's website at:

<http://www.isp.state.il.us/Statewide911/statewide911.cfm> where you will see the box below to submit your plan.



The Department and the ICC have 20 days to complete the technical review of your plan. An Administrative Law Judge (ALJ) will then have 20 days to hold a hearing and make a recommendation to the Advisory Board. From that point the Advisory Board has 20 days to hold a public hearing on the plan and provide a recommendation to the Administrator. Upon receipt of the Advisory Board's recommendation, the Administrator will have 30 days to provide a written decision to the applicant.

Consolidations Plans defined under category 3) above do not need to be submitted electronically on the Department's website.

The 9-1-1 Authority must provide written notification to the Administrator at 911_tech_support@isp.state.il.us at least 10 business days prior to making the following changes pursuant to Section 1325.200(h). After review, the Administrator will provide a letter of acknowledgment. The following documents must be included in this notification:

General Information	Contact and 9-1-1 System information.
Plan Narrative	A detailed summary of the changes in the proposed system's operation.
Attachments (if applicable):	
Network Diagram	Provided by the 9-1-1 system provider showing trunk routing and backup configuration
Call Handling Agreements	Call handling agreements shall describe the primary and secondary dispatch method to be used by requesting parties within their respective jurisdictions.

PLAN NARRATIVE

Please answer the questions below, and provide a detailed narrative to assist the Statewide 9-1-1 Advisory Board and 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.	Do all of your PSAPs meet all of the requirements defined in 1325.415 and 1325.515	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	Type of Radio/Telecommunications systems compatible with participating and adjacent agencies.	<input checked="" type="checkbox"/> STARCOMM21 <input type="checkbox"/> STARCOMM21 ITTF channels only <input checked="" type="checkbox"/> Other, explain below
<p>Peoria County has a P-25 public safety trunked radio system that all public safety users in Peoria County operate on. In the event of an incident requiring multiple agencies, all agencies can communicate with each other. The Peoria County P-25 system is also connected to the State of Illinois Starcom 21 system for additional interoperability.</p>		
3.	Will all PSAPs remaining after consolidation direct dispatch all emergency calls pursuant to section 1324.200b)3)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	Have you included maps to show the territory covered by the system?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Plans submitted without this documentation will be rejected.		
5.	Have you included a listing of all telephone companies?	<input type="checkbox"/> Yes <input type="checkbox"/> No There are no changes to the telephone company list
Plans submitted without this documentation will be rejected.		
6.	Have you included a copy of the intergovernmental agreement, ordinance, resolution and/or contracts?	<input type="checkbox"/> Yes All previous agreements are in place. <input type="checkbox"/> No No new agreements have been created at this time.
Plans submitted without this documentation will be rejected.		
7.	Have you included a list of participating and adjacent agencies?	<input type="checkbox"/> Yes <input type="checkbox"/> No No changes to participating or adjacent agencies.
Plans submitted without this documentation will be rejected.		
8.	Have you included financial information?	<input type="checkbox"/> Yes <input type="checkbox"/> No N/A
Plans submitted without this documentation will be rejected.		
9.	Public education.	<input type="checkbox"/> This is an unserved county that will require public education. (See attachment.) <input checked="" type="checkbox"/> This is an existing 9-1-1 system(s) and does not require public education.
10.	Training.	<input type="checkbox"/> This is an unserved county that will require training. (See attachment.) <input checked="" type="checkbox"/> This is an existing 9-1-1 system(s) and does not require internal training/similar/ongoing training for any GIS annexation or change of policy from agencies served.
11.	Use of TTY's and Training	<input type="checkbox"/> This is a unserved county that will require training. (See attachment.) <input checked="" type="checkbox"/> This is an existing 9-1-1 system(s) and does not require internal training.

<p>12. Have you included call handling and aid outside jurisdictional boundary agreements?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>All previous agreements are in place. No new agreements have been created at this time. Plans submitted without this documentation will be rejected.</p>
<p>13. Have you included a new system diagram?</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Plans submitted without this documentation will be rejected.</p>
<p>13a. Does the new system diagram include all PSAP(s) and backup PSAP location(s)?</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Plans submitted without this documentation will be rejected.</p>
<p>14. Have or will all areas within the 9-1-1 system be addressed for the database? If no, please explain. Addressing for all of Peoria County is already complete.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<p>14a. Explain all aspects of the database, i.e., how often is it updated, where is it located, etc. The database is maintained by the ETSB and is updated as needed or as new/updated information is provided.</p>		
<p>15. Who is the 9-1-1 system provider for your 911 system? Please explain whether the system will be legacy based, next generation based or a combination. AT&T. Currently our phone system is legacy based. Peoria County ETSB will be soliciting bids for a new phone system in the next 12 months; this will be next generation capable.</p>		

(Please include additional pages if needed.)

NARRATIVE STATEMENT:

(Provide a detailed summary of system operations for a consolidation plan. If incorporating an NG9-1-1 solution, please include the additional items listed below pursuant to 1325.205b)12).

- 1) Indicate the name of the certified 9-1-1 system provider being utilized.
- 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, reliable and diverse/redundant network and whether other 9-1-1 Authorities will be sharing the equipment.
- 4) Explain how the existing 9-1-1 traditional legacy wireline, wireless and VoIP network, along with the databases, will interface and/or be transitioned into the NG9-1-1 system.
- 5) Explain how split exchanges will be handled.
- 6) Explain how the databases will be maintained and how address errors will be corrected and updated on a continuing basis.
- 7) Explain who will be responsible for updating and maintaining the data, at a minimum on a daily basis Monday through Friday.
- 8) Explain what security measures will be placed on the 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.

Plan Narrative:

Peoria County Emergency Telephone System Board (ETSB) submits this plan to the Department of State Police Statewide 9-1-1 Administrator as a draft plan with the most up to date information included. Discussions continue to be held by representatives of the affected entities and final consolidation plans will be subject to approval of the Peoria County ETSB and involved municipalities.

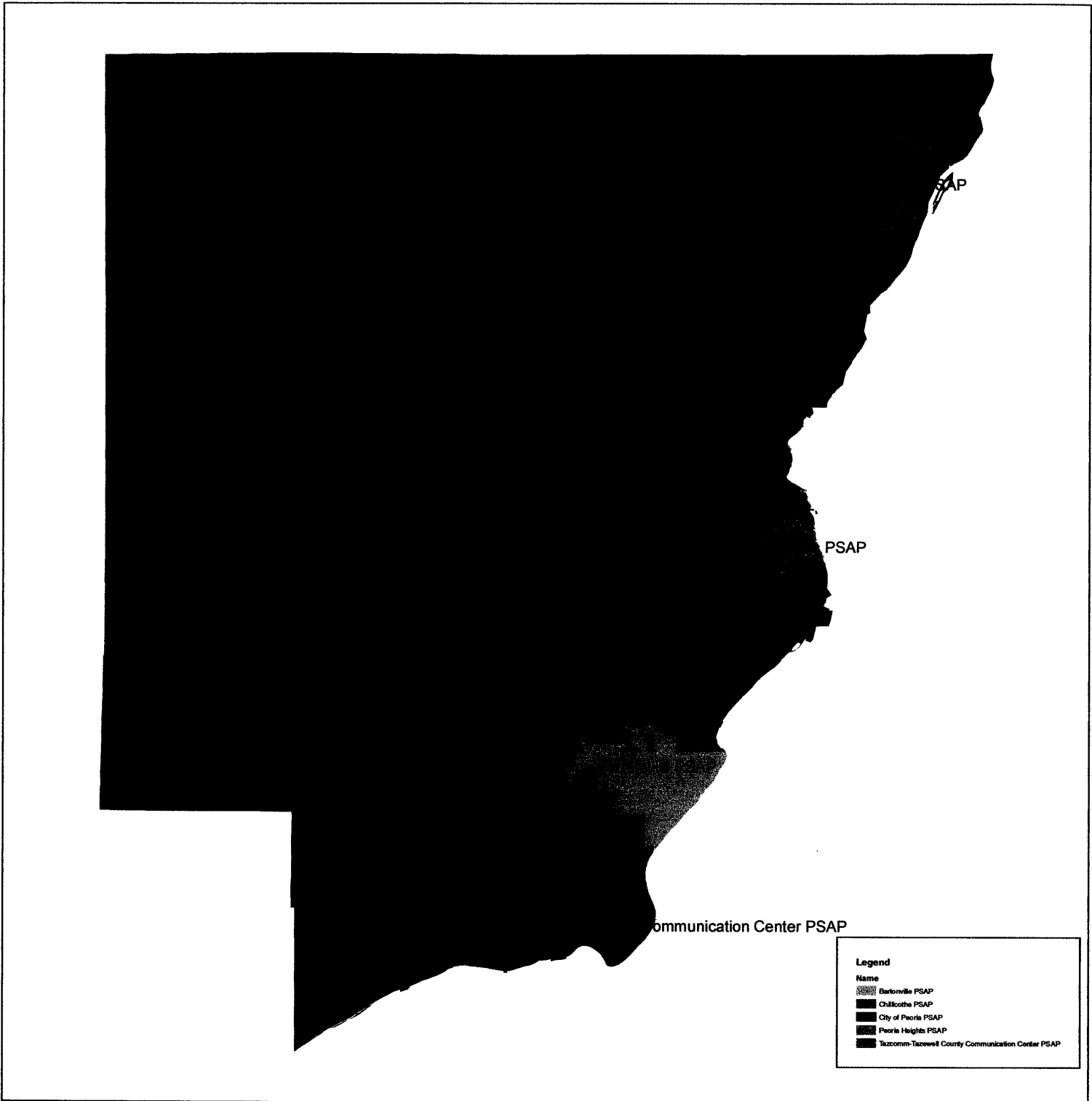
1. The Peoria County ETSB currently operates a four (4) PSAP 9-1-1 System that was approved by the Illinois Commerce Commission on December 24, 1992, 92-0217. E9-1-1 in Peoria County came online June 15, 1993. This plan is submitted to comply with Public Act 99-0006; a consolidation plan within the Peoria County ETSB system to reduce the number of PSAPs from four (4) to two (2) Primary PSAPs.
2. The call-answering and dispatch standards and protocols will remain the same as they were previously. There is ongoing internal review of like agencies' policies and procedures, as related to call delivery, which may be modified to be more uniform across the board for all user agencies.
3. The Peoria County ETSB installed an eleven (11) site, 10 channel, P25 simulcast radio system with dual control points in 2013 along with a ringed microwave network backhaul; all sites utilize MPLS routers. The two remaining PSAPs are connected with fiber in addition to the microwave ring. Additional fiber connectivity is planned in the future for system resiliency. The Peoria County ETSB is an autonomous 9-1-1 Authority and is not sharing equipment, at this time, with any other 9-1-1 System.
4. The current 9-1-1 phone equipment is legacy equipment. The ETSB plans to put out an RFP in the fall of 2016 for a new 9-1-1 phone system that will be NG 9-1-1 ready. The new system will be on the ETSB microwave network.
5. Selective routing that was routed to Chillicothe and Peoria Heights will be routed to Bartonville at consolidation cut-over.
6. The MSAG database is maintained by the ETSB 9-1-1 Coordinator. Address errors and corrections are processed and updated on an as needed basis when errors are reported by the PSAPs or as GIS/address information is updated by those departments within the County.

Plan Narrative:

7. The 9-1-1 Coordinator maintains the Intrado 9-1-1 Net database Monday through Friday, except for routine absences. In the event of emergency or immediate updates needed during an absence, the City of Peoria PSAP director is responsible for updates.

8. Currently, the Peoria County ETSB system is a private network with local controlled access.

Peoria County Public Service Access Points



Jason Biller
City of Peoria GIS Manager
4-6-16
Sources: Adapted from Peoria
County Fire Protection Districts
and Municipal Boundaries





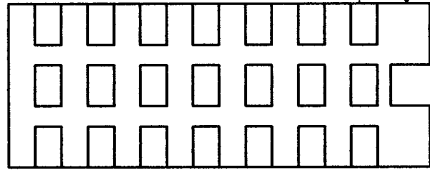
at&t

PEORIA COUNTY
6913 W. PLANK RD.
PEORIA, IL 61604
CUTOVER DATE : 06-15-93

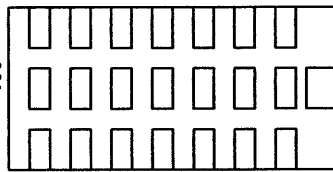
RATE CENTER END OFFICE
TO SELECTIVE ROUTER

AT&T	
CANTON-HOST	(4)
FARMINGTON - REMOTE	(3)
BARTONVILLE - REMOTE	(3)
PEORIA - HOST	(15)
(BLUFFS 5, JEFF 5, NORTH 5)	
HANNA CITY - REMOTE	(2)
TRIVOLI - REMOTE	(2)
FRONTIER	
DUNLAP - HOST	(2)
BRIMFIELD-REMOTE	(2)
EDELSTEIN-REMOTE	(2)
ELMWOOD-REMOTE	(2)
PRINCEVILLE-REMOTE	(2)
CHILLICOTHE-HOST	(2)
MOSSVILLE - REMOTE	(2)
GLASSFORD TELEPHONE CO	
GLASSFORD - HOST	(2)
MID CENTURY TELEPHONE CO	
VICTORIA-HOST	(0)
LAFAYETTE - REMOTE	(2)
WILLIAMSFIELD - REMOTE	(2)
WIRELESS	
AT&T WIRELESS	(2)
CINGULAR	(2)
CELL PART. VERIZON WRLS	(2)
IPCS	(2)
NEXTEL	(4)
T-MOBILE	(4)
US CELLULAR	(4)
CLEC PROVIDERS	
BITWISE COMM	(8)
INSIGHT COMM	(4)
LEVEL 3	(2)
MCLEOD	(4)
MEB-TEL	(2)
SPRINT	(4)
VERIZON BUSINESS	(4)

CONTROL OFFICE



PEORIA
BLUFFS DMS
100



GALLATIN
RIVER
GALESBURG
R/R TO
PEORIA
BLUFFS
2 IN / 2 OUT

9-1-1 TRUNKS B LINKS
FROM SELECTIVE
ROUTER

WIRELINE CIRCUITS -

(3) BARTONVILLE PSAP
6EMNC 264089
6EMNC 264090
6EMNC 264091
MAKE BUSY 7UGXR773546

(5) PEORIA ALTERNATE PSAP
6EMNC 264108
6EMNC 264109
6EMNC 264110
6EMNC 264112
6EMNC 264113
MAKE BUSY 5CSNC261105

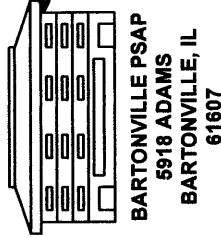
(10) PEORIA (CITY) PSAP
6EMNC 264097
6EMNC 264098
6EMNC 264099
6EMNC 264100
6EMNC 264101
6EMNC 264102
6EMNC 264103
6EMNC 264104
6EMNC 264105
6EMNC 264106
MAKE BUSY 7UGXR 773541

DATABASE
ACCESS

NORTHBRK
7FDDZ 692900
SOUTHFIELD
3FDDZ 692901

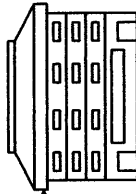
NORTHBRK
7FDDZ 692889
SOUTHFIELD
3FDDZ 692888

PSAP'S

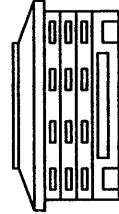


BARTONVILLE PSAP
5918 ADAMS
BARTONVILLE, IL
61807

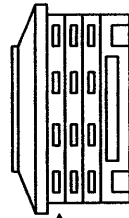
BACK-UP
PSAP'S



BACK-UP PSAP -
PEORIA (CITY)



PEORIA (CITY)
PSAP
542 SW ADAMS
PEORIA, IL 61602



BACK-UP PSAP -
BARTONVILLE