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

State of Illinois

Application for 9-1-1 Modification Plan

911 GENERAL INFORMATION

DATE:

Type of Change:	☐ Long Form Modification Plan		☐ Short Form Modification Plan	
Current System Name:			Population Served	Land Area in Sq Miles

List PSAPs:	Primary	Secondary

911 System Contact: _____

Street Address: _____

City, State and Zip Code: _____

Office Telephone: _____

Cellular Telephone: _____

Email: _____

Wireless Coverage for Consolidated System:

_____% Phase II compliant

_____% Phase I compliant

Please check if applicable:

_____ NG9-1-1 capable

_____ Receive 9-1-1 Text

_____ Receive 9-1-1 Video

VERIFICATION

I, Theresa K. Schulte _____, first being duly sworn upon oath, depose and say that
I am Director _____, of McHenry County ETSB _____; 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
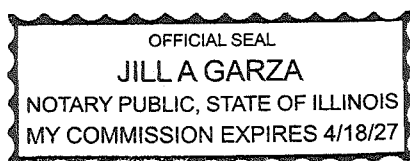those, I believe same to be true.

_____

Theresa K. Schulte, Director
_____

Subscribed and sworn to before me

this 12 day of July _____, 20 23 .

_____
NOTARY PUBLIC, ILLINOIS

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OFFICIAL SEAL
JILL A GARZA
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 4/18/27
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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 Department of the Illinois State Police for approval. Thank you for your assistance in this matter.

Sincerely,

Theresa Schulte ENP, CPE

Theresa K. Schulte
Director
McHenry County ETSB

enclosure: Modification Plan

NARRATIVE STATEMENT:

(Provide a detailed summary of system operations for a modified 9-1-1 plan. Also, if incorporating an NG9-1-1 solution, please include the additional items listed below pursuant to 1325.205 b)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:

Plan Narrative:

FINANCIAL INFORMATION

9

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 $ _____

Anticipated annual revenues $ _____

FIVE YEAR STRATEGIC PLAN
FOR MODIFIED PLAN

(Provide a detailed summary of the proposed system's operation, including but not limited to, a five-year strategic plan for implementation of the modified 9-1-1 plan with financial projections)

Narrative:

COMMUNITIES SERVED

Provide a list of all communities to be served by the proposed 9-1-1 System. Please include the name of the community and the official mailing address including street address, city and zip code.

USE ADDITIONAL SHEETS AS NECESSARY

City, Town or Village	Street Address, City, Zip Code

PARTICIPATING AGENCIES

Provide a list of public safety agencies (Police, Fire, EMS etc.) that are to be dispatched by the 9-1-1 System.   Each Agencies land area(s) in square miles and estimated population which will have access to the proposed 9-1-1 System. Do not forget to include County Sheriff's jurisdiction and Illinois State Police Districts. Each agency that appears on this list should also have signed a call handling agreement.

9-1-1 Participating Agencies	Stree Address, City, State, Zip Code	Administrative TX	Direct Dispatch	Transfer	Relay Call
Algonquin Police Department	2200 Harnish Drive Algonquin, IL 60102	847-658-8233	X		
Algonquin-LITH FPD	1020 W Algonquin Road Lake In The Hills, IL 60156	847-658-4531	X		
Bull Valley Police Department	1904 Cherry Valley Road Woodstock, IL 60098	815-459-4728	X		
Cary Fire Protection District	400 Cary - Algonquin Road Cary, IL 60013	847-639-2121	X		
Cary Police Department	755 Georgetown Drive Cary, IL 60013	847-639-2341	X		
Crystal Lake Fire Protection District	100 W Woosdstock Street Crystal Lake, IL 60014	815-356-3640	X		
Crystal Lake Police Department	100 W Woosdstock Street Crystal Lake, IL 60014	815-459-2020	X		
Fox River Grove Fire Protection District	411 Algonquin Road Fox River Grove, IL 60021	847-639-9232	X		
Fox River Grove Police Department	305 Illinois Street Fox River Grove, IL 60021	847-639-2445	X		
Harvard Fire Protection District	502 S Eastman Stret Harvard, IL 60033	815-943-3471	X		
Harvard Police Department	203 W Diggins Street Harvard, IL 60033	815-943-4431	X		
Hebron - Alden - Greenwood FPD	12302 Route 173 Hebron, IL 60034	815-648-2218	X		
Hebron Police Department	12007 Prairie Street Hebron, IL 60034	815-648-2351	X		
Holiday Hills Police Department	1304 W Sunset Drive Holiday Hills, IL 60050	815-385-2828	X		
Huntley Fire Protection District	11118 Main Street Huntley, IL 60142	847-669-5066	X		
Huntley Police Department	10911 Main Street Huntley, IL 60142	847-669-2141	X		
Illinois State Police Troop 3	5911 W Harrison Street Des Plaines, IL 60016	847-294-4400		X	
Johnsburg Police Department	1515 W Channel Beach Avenue Johnsburg, IL 60050	815-385-6024	X		
Lake in the Hills Police Department	1115 Crystal Lake Road Lake in the Hills, IL 60156	847-658-5676	X		
Lakemoor Police Department	234 W Rand Road Lakemoor, IL 60050	815-385-4111		X	
Lakewood Police Department	2500 Lake Avenue Lakewood, IL 60014	815-459-2151	X		
Marengo Fire Department	120 E Prairie Street Marengo, IL 60152	815-568-8912	X		
Marengo Police Department	132 E Prairie Street Marengo, IL 60152	815-568-7231	X		
Marengo Rescue Squad	120 E Prairie Street Marengo, IL 60152	815-568-8912	X		
McCullom Lake Police Department	4811 W Orchard McCullom Lake, IL 60050	815-385-2141	X		
McHenry County Sheriff's Department	2200 N Seminary Avenue Woodstock, IL 60098	815-338-2144	X		
McHenry Police Department	333 S Green Street McHenry, IL 60050	815-363-2130	X		
McHenry Township Fire Protection District	3610 W Elm Street McHenry, IL 60050	815-385-0075	X		
Nunda Rural Fire Protection District	1713 W Route 176 Crystal Lake, IL 60012	815-455-1559	X		
Oakwood Hills Police Department	103 Woodland Drive Oakwood Hills, IL 60013	815-444-9456	X		
Prairie Grove Police Department	3619 Ames Road Prairie Grove, IL 60012	815-455-3918	X		
Richmond Fire Protection District	5601 Hunter Drive Richmond, IL 60071	815-678-3672	X		
Richmond Police Department	5600 Hunter Drive Richmond, IL 60071	815-678-2351	X		
Spring Grove Fire Protection District	8214 Richardson Road Spring Grove, IL 60081	815-675-2450	X		
Spring Grove Police Department	7401 Meyer Road Spring Grove, IL 60081	815-675-2596	X		
Union Fire Department	6606 Main Street Union, IL 60180	815-923-4488	X		
Union Police Department	17703 O'Cock Road Union, IL 60180	815-923-2341	X		
Wonder Lake Fire Protection District	4300 E Wonder Lake Road Wonder Lake, IL 60097	815-728-0088	X		
Wonder Lake Police Department	4200 Thompson Road Wonder Lake, IL 60097	815-728-0535	X		
Woodstock Fire Protection District	435 E Judd Street Woodstock, IL 60098	815-338-2621	X		
Woodstock Police Department	656 Lake Avenue Woodstock, IL 60098	815-338-2131	X		

ADJACENT AGENCIES LIST

Provide a list of public safety agencies and existing 9-1-1Systems that are adjacent to the proposed system's boundaries. Each agency that appears on this list should also have signed a call handling agreement and/or aid outside jurisdictional boundaries.

9-1-1 Participating Agencies	Stree Address, City, State, Zip Code	Administrative TX
Antioch EMS	825 Holbek Dr Antioch, IL 60002	847-395-5511
Antioch Fire Department	835 Holbek Dr Antioch, IL 60002	847-395-5512
Barrington Fire Department	400 N Northwest Highway Barrington, IL 60010	847-304-3600
Barrington Hills Police Department	112 Algonquin Road Barrington, IL 60010	847-551-3006
Bloomfield Fire Department	N1100 Town Hall Road P O Box 47 Pell Lake, WI 53157	262-279-2033
Boone County #2 FPD	1640 N State Street Belvidere, IL 61008	815-544-2144
Boone County Sheriff	615 N Main Street Belvidere, IL 61008	815-544-2144
Carpentersville FPD	213 Spring Street Carpentersville, IL 60110	847-428-8784
DeKalb County Sheriff	150 N. Main Street Sycamore, IL 60170	815-895-2157
Fox Lake Fire Department	301 South Route 59 Fox Lake, IL 60020	847-587-3100
Fox Lake Police Department	301 South Route 59 Fox Lake, IL 60020	847-587-3100
Genoa City Fire Department	P.O. Box 428 Genoa City, WI 53128	262-279-2033
Genoa City Police Department	P.O. Box 428 Genoa City, WI 53128	262-279-2033
Genoa EMS	309 E. Railroad Avenue Genoa, IL 60135	815-895-2157
Genoa Kingston Fire Department	Box 58 Cherry Valley Road Genoa, IL 60135	815-895-2157
Hampshire Fire Protection District	202 E. Washington Hampshire, IL 60140	630-232-8400
Hampshire Police Department	234 S. State Street Hampshire, IL 60140	630-232-8400
Island Lake Police Department	3720 Greenleaf Street Island Lake, IL 60042	847-438-2349
Kane County Sheriff	777 Fayban Parkway Geneva, IL 60134	630-232-8400
Kenosha County Sheriff	1000 55th Street Kenosha, WI 53140	262-605-5050
Lake County Sheriff	1303 N Milwaukee Avenue Libertyville, IL 60087	847-549-5200
Linn Township Fire District	PO Box 32 Zenda, WI 53195	262-741-4400
Randall Fire Protection District	PO Box 8 Bassett, WI 53101	262-605-5050
Sharon Township Fire Dept.	PO Box 522 Sharon, WI 53585-0522	262-741-4400
Silver Lake Fire Department	113 S First Street Silver Lake, WI 53170	262-605-5050
Silver Lake Rescue Squad	296 Lake Street Silver Lake, WI 53170	262-605-5050
Twin Lakes Fire Department	236 E Main Street Twin Lakes, WI 53181	262-605-5050
Twin Lakes Police Department	108 E Main Street Twin Lakes, WI 53181	262-605-5050
Twin Lakes Rescue Squad	236 E Main Street Twin Lakes, WI 53181	262-605-5050
Walworth County	PO Box 1004 Elkhorn, WI 53121	262-741-4400
Walworth Fire Department	PO Box 400 Walworth, WI 53184	262-741-4400
Wauconda EMS	109 W Liberty Street Wauconda, IL 60084	847-526-2821
Wauconda Fire Department	109 W Liberty Street Wauconda, IL 60084	847-526-2821
Wilmot Fire Department	30400 Wilmot Road Wilmot, WI 53192	262-605-5050

CARRIER LISTING

(Wireline, Wireless, VoIP)

Provide a list of each carrier that will be involved in the proposed system.

(USE ADDITIONAL SHEETS AS NECESSARY)

CARRIERS	STREET ADDRESS, CITY, ZIP CODE	TELEPHONE NUMBER
AT&T	308 S. Akard St., Ste. 100, Dallas, TX 75202	(210) 821-4105
Frontier	Norwalk, CT	(800) 921-8101
CBeyond	320 Interstate N. Parkway SE, Atlanta, GA 30339	(866) 424-5544
CIMCO	1701 JFK Boulevard, Philadelphia, PA 19103	(215) 286-1700
FOCAL	200 N LaSalle St., Ste 1100, Chicago, IL 60601	(312) 895-8400
GLOBALCOM	17000 Preston Rd., Ste 320, Dallas, TX 75248	(256) 432-2685
LEVEL 3	100 Centurylink Dr., Monroe, LA 71203	(318) 388-9000
MCLEOD	1770 Boyson Rd., Hiawatha, IA 52233	(319) 790-7000
MFS	2470 N. 150th, Omaha, NE 68116	(888) 638-6866
PAETEC	200 W. Adams St., Ste 1110, Chicago, IL 60606	(312) 924-9300
SPRINT	6100 Sprint Pkwy, Overland Park, KS 66251	(800) 829-0965
TDS METROCOM	525 Junction Rd., Ste. 6000, Madison, WI 53717	(608) 664-4000
XO COMM	13865 Sunrise Valley Drl, Herndon, VA 20171	(703) 547-2000
MCI	22001 Loudoun County Pkwy, Ashburn, VA	(888) 444-3333
WORLDCOM	Same as MCI	
Comcast	1701 JFK Boulevard, Philadelphia, PA 19103	(215) 286-1700
Metronet	3701 Communications Way, Evansville, IN 47715	(844) 684-0215
Verizon Wireless	1095 Avenue, New York, NY 10036	(212) 395-1000
T-Mobile	12920 SE 38th St., WA 98006	(425) 378-4000
AT&T Mobility	P.O. Box 97061, Redmond, WA 98073-9761	(800) 331-0500

Test Plan Description i3

TEST #	TEST CASE	TYPE
1	Trunk Verification (SIP)	Call Routing
2	Trunk Verification (SS7 Ingress from LSR)	Call Routing
3	Trunk Verification (SS7 Egress from AGC to LSR)	Call Routing
4	Perform reboot and validation on each AT&T network edge router at PSAP	Failover test
5	Perform WAN interface shutdown and validation on each AT&T network edge router at PSAP	Failover
6	Perform reboot and validation on each ATT Interface Router (between CPE and AT&T router)	
7	Wireline Call Routed to PSAP through AT&T ESInet	Equipment
8	Wireless Call Routed to PSAP through AT&T Esinet	Equipment
9	VOIP Call Routed to PSAP through AT&T ESInet	Equipment
10	CPE bids i3 Components	Call Handling
11	i3 Routing Fails, Routing via SRDB for Wireline call	Call Routing
12	i3 Routing via ECRF for Wireline call	Call Routing
13	i3 Transfer: Fixed Bridge Conferencing Confirmation (Call to IP PSAP then bridge to i3 PSAP if available – willing PSAP)	Call Handling
14	S/R Transfer: Selective Bridge Conferencing Confirmation, if used by the PSAP	Call Handling
15	S/R Transfer: Fixed Bridge Conferencing Confirmation	Call Handling
16	S/R Transfer: Fixed Bridge Conferencing Confirmation	Call Handling
17	PSTN Transfer: Fixed Bridge Conferencing Confirmation	Call Handling
18	Manual Transfer to valid local TN	Call Handling
19	Manual conference bridging to invalid unassigned number	Call Handling
20	Manual conference bridging to a valid 8YY number	Call Handling
21	Manual conference bridging to a valid Busy number	Call Handling
22	Manual conference bridging to a Multi-Party Conference	Call Handling
23	Manual conference bridging to a valid long-distance cell	Call Handling
24	Alternate Routing	Call Routing
25	Ring no Answer Timer	Call Routing
26	No position Logged In	Call Routing
27	Abandonment Routing	Call Routing
28	Un-Abandonment Routing	Call Routing
29	Abandonment Routing – PAD Testing (if PAD available)	Call Routing
30	Un-Abandonment Routing – PAD Testing (if PAD available)	Call Routing
31	Test line appearances that appear on each CPE	Call Processing
32	TTY call	Call Handling
33	TTY conference call	Call Handling