St. Clair County Emergency Telephone Systems Board

Modification Plan

July 20, 2023

# 911 GENERAL INFORMATION

**Date:** July 20, 2023
**Type of Change:** Short Form Modification Plan
**Current System Name:** St. Clair County Emergency Telephone Systems Board
**Population Served:** 254,796
**Land Area in Sq Miles:** 670

| List PSAPs: | Primary | Secondary |
|---|---|---|
| Belleville | X | |
| CENCOM East | X | |
| CENCOM West | X | |
| O'Fallon | X | |
| Scott Air Force Base | | X |

**911 Systems Contact:** Executive Director Herbert Simmons
**Street Address:** 101 South 1st St.
**City, State and Zip Code:** Belleville, IL 62220
**Office Telephone:** 618-825-2164
**Cellular Telephone:** 618-719-1034
**Email:** herbert.simmons@co.st-clair.il.us

**Wireless Coverage for Consolidate System**
  100  **% Phase II Compliant**
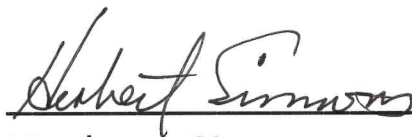  100  **% Phase I Compliant**

**Please Check if Applicable:**
  X   **NG 9-1-1 Capable**
____ **Receive 9-1-1 Text**
____ **Receive 9-1-1 Video**
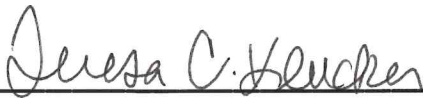
# VERIFICATION

I, <u>Herbert Simmons</u>, first being duly sworn upon oath, depose and say that I am <u>Executive Director,</u> of the <u>St. Clair County Emergency Telephone Systems Board;</u> 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.


_Herbert Simmons_
_____
Herbert Simmons, Executive Director


Subscribed and sworn to before me
This _31_ day of _July_____, 20 _23_ .


_Teresa C. Klucker_
_____
Notary Public, Illinois

**911 SYSTEM PROVIDER**
**LETTER OF INTENT**

July 20, 2023

Mr. Craig Bennett
AT&T
240 N. Meridian St. Room 1670
Indianapolis, IN 46204

Dear Mr. Bennett,

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,

Herbert Simmons
Executive Director

Enclosure: Modification Plan

# NARRATIVE STATEMENT:

## Plan Narrative:

The St.Clair County ETSB 9-1-1 System is transitioning from E9-1-1 to Next Generation 9-1-1 (NG911). AT&T is the 9-1-1 System Provider ("SSP").

The St. Clair County ETSB 9-1-1 System will comply with all Federal and State laws and with National Emergency Number Association Standards (NENA) that pertain to NG911 including the NENA i3 Standard for Next Generation - NENA-STA-010.3a-2021.

The State of Illinois has selected AT&T to provide a statewide Next Generation 9-1-1 System. AT&T's ESInet combines AT&T's network capabilities with technology from Intrado Life &Safety, Inc. (Intrado). The AT&T ESInet solution will facilitate an efficient transition from legacy 9-1-1 networks to networks capable of supporting the growing demands of a mobile society. With AT&T ESInet, the State is taking advantage of AT&T's investment in a pre-built, cloud-based solution that delivers next-generation functionality. AT&T is also providing their industry-leading AT&T VPN MPLS network for primary access to all PSAPs.

AT&T's ESInet solution is a combination of their IP network and Next Gen Core Services (NGCS) components that includes industry leading SLAs, management services and tools to help ensure that they provide the best possible service.

The design is based on building redundant systems to avoid any single point of failure (SPOF) in the ESInet and the overall NG9-1-1 Network Architecture. The NG9-1-1 system will provide flexibility in the routing of calls. The ESInet being deployed has all PSAPs connected and can route calls based on not only location, but also by availability. In a Next Generation solution, a call will be answered through intelligent routing. Additionally, there will be more available positions to answer calls because all connected and tested PSAPs will be technically able to answer the call and will be able to dispatch or transfer the call to another PSAP.

AT&T's ESInet defense-in-depth security is built into the architecture. AT&T's Global IP network is monitored by 8 different Security Operations Center (SOC)

facilities located across the world. AT&T uses its security portfolio capabilities to protect their data centers and networks.

AT&T's ESInet provides six (6) geographically diverse and fully redundant facilities to increase resiliency and survivability in natural and man-made disaster scenarios, with scalable capacity capable of supporting more than twice the 9-1-1 busy hour call for the entire United States. AT&T has documented business continuity and restoration plans, including complex disaster and evacuation contingencies. The 24x7 operations center employs an Incident Handling process modeled on FEMA's Incident Command System, with notifications built into the process.

The ESInet is monitored 24x7x365 from a NOC with tier 2 and tier 3 technical resources dedicated to the AT&T ESInet. AT&T's 9-1-1 Resolution Center has dedicated public safety resources.

The AT&T ESInet provides a flexible routing platform that supports both ESN (tabular) and GIS (spatial) routing on the same Emergency Call Routing Function (ECRF).

The AT&T ESInet solution will interconnect to legacy selective routers as defined per NENA standards. AT&T provides redundant, public safety grade points of presence in each LATA for OSP ingress locations for Legacy Network Gateways (LNGs).

AT&T will interconnect to Legacy Selective Routers to transfer and/or receive calls with Automatic Number Identification (ANI) and Automatic Location Identification (ALI) information to the State's NGCS via legacy means through the Legacy Selective Router Gateway (LSRG). Interconnections will also allow legacy PSAPs served by legacy selective routers to serve as the abandonment route for PSAPs served by the AT&T ESInet solution.

Connectivity extends beyond the internal ESInet transport to external network and OSP interfaces. The ESInet supports both TDM and IP OSP ingress at geographically distributed Points of Interconnection (POI's). The ESInet supports standards-based protocol interfaces to external ESInets for call hand-off and call transfers. With pre-established connectivity capabilities, PSAPs on the ESInet have

the ability to transfer calls to PSAPs on other ESInets or PSAPs that have not yet transitioned off legacy selective routers.

AT&T will coordinate getting the OSPs records into the AT&T ESInet database. AT&T will also jointly plan the interconnecting network with the OSP. Circuits will be ordered and implemented between the OSP and the ESInet POI. The ESInet POI may reside in an AT&T office or hub. AT&T will cooperatively test and turn up all trunking arrangements with the OSP. Traffic migrations from the legacy to new AT&T infrastructure will follow.
Integrated Text-to-911 is supported by the ESInet.

AT&T is responsible for negotiating interconnection agreements and trunking arrangements with each service provider. Interconnection agreements will include the roles and responsibilities of the Parties related to the exchange of 9-1-1 traffic including but not limited to, split rate centers, tandem to tandem and IP connections.
GIS data is submitted to the AT&T ESInet via a web-based spatial interface (SI) portal. The portal provides secure GIS file transfer. 9-1-1 Authorities can maintain their local database schema and configure database changes using  attribute field mapping tools.

The Spatial Interface (SI) validation engine logs errors and refers errors back to the originating 9-1-1 Authority in comprehensive reports that are retrieved in the 9-1-1 Enterprise Geospatial Database Management System (9-1-1EGDMS). Validation errors are corrected by the 9-1-1 Authority within their own GIS database. Updates are submitted and processed on an on-going basis.

AT&T's ESInet cyber security policies, standards, and guidelines are consistent with industry best practices as defined by International Organization for Standardization and Control Objectives for Information and related Technology. The AT&T ESInet is a highly secure, privately managed IP network providing IP based call routing services for next generation 9-1-1 call delivery. All inbound and outbound traffic interactions are with pre-authorized entities, utilize agreed upon protocols and traverse controlled access points. Call processing and real-time data delivery are protected through both physical and logical controls.

Sensitive data resides in trusted data centers that employ logical and physical access controls. All hardware and software elements deployed in a production environment go through stringent release management processes that incorporate thorough penetration scan testing. Corporate and development environments are separate from production and are not used in development or system test environments. Inter-zone traffic is restricted to only that of authorized personnel and the necessary protocols destinations used to support the management and applications of the ESInet with all other traffic implicitly denied by way of redundant and diverse Session Border Controllers (SBC) and stateful firewalls.

A Network Operations Center (NOC) staffed 24 hours a day, seven days a week, 365 days a year to actively monitor and manage the AT&T ESInet end-to-end service is provided. When a potential or actual Customer-affecting issue is detected, the Incident Administration team is engaged by the NOC. The team uses established processes that are ISO 9001:2008-compliant for immediate escalation, notification, resolution, and reporting. All buildings, NOC and Data Center access are monitored by 24x7 security and access control systems.

St. Clair County ETSB's backup plan will remain the same. 9-1-1 roll overs from CENCOM East will roll to CENCOM West and vise-versa. Additionally, 9-1-1 roll overs from Belleville will roll to O'Fallon and vise-versa. In the event of a county wide outage, we would request re-routing to an adjacent county.

The Secondary Answering Point, Scott Airforce Base, has completed the ISP's Secondary Answering Point (SAP) Operational-Technical Assessment and has installed Call Handling Equipment that meets NG911 Standards required to cutover to the statewide ESInet

# FINANCIAL INFORMATION

Annual recurring 9-1-1 network costs prior to modification:  N/A

Projected annual recurring 9-1-1 network costs after modification: TBD

Installation costs of the project: TBD

Anticipated annual revenues: N/A

# FIVE YEAR STRATEGIC PLAN FOR MODIFIED PLAN

Narrative:

N/A

# COMMUNITIES SERVED

| City, Town or Village | Street Address, City, Zip Code |
| --- | --- |
| St. Clair County | 10 Public Square Belleville, IL 62220 |
| City of Belleville | 101 S. Illinois St. Belleville, IL 62220 |
| Village of Swansea | 1444 Boul Ave, Swansea, IL 62226 |
| Village of Brooklyn | 312 S. 5th St. Brooklyn, IL 62059 |
| Village of Cahokia Heights | 103 Main St. Cahokia Heights, IL 62206 |
| Village of Caseyville | 909 S. Main St. Caseyville, IL 62232 |
| Village of Dupo | 107 N 2nd St. Dupo IL 62239 |
| Village of East Carondelet | 950 State St. East Carondelet, IL 62240 |
| Village of Fairmont City | 2568 N 41st St. Fairmont City, IL 62201 |
| Village of Fayetteville | 2212 Main Ave. Fayetteville IL 62258 |
| City of Freeburg | 14 Southgate Center Freeburg IL 62243 |
| City of Lebanon | 312 W. St. Louis St. Lebanon IL 62254 |
| City of Lenzburg | 215 N Charles St. Lenzburg IL 62255 |
| Village of Marissa | 111 N Main St Marissa IL 62257 |
| City of Mascoutah | 3 W Main St. Mascoutah IL 62258 |
| City of Millstadt | 111 W Laurel St. Millstadt, IL 62260 |
| City of New Athens | 905 Spotsylvania St New Athens IL 62264 |
| Village of Sauget | 2897 Falling Springs Rd. Sauget, IL 62206 |
| Village of Smithton | 101 S Main St. Smithton IL 62285 |
| Village of Summerfield | 304 W Wakefield St. Summerfield IL 62289 |
| City of Washington Park | 5218 N Park Dr Washington Park IL 62204 |
| City of East St. Louis | 301 Riverpark Dr East St. Louis, IL 62201 |
| City of O'Fallon | 255 S. Lincoln Ave. O'Fallon, IL 62269 |
| City of Fairview Heights | 10025 Bunkum Rd. Fairview Heights IL 62208 |
| Village of Shiloh | 1 Park Dr. Shiloh, IL 62269 |
| Scott Air Force Base | 901 South Drive Bldg 700 Scott Air Force Base, IL 62225 |

# PARTICIPATING AGENCIES

| 9-1-1 Participant Agencies | Street Address, City Zip Code | Administrative Telephone No | Direct Dispatch | Transfer | Call Relay |
|---|---|---|---|---|---|
| St. Clair Co Sheriffs Dept | 700 N 5th St. Belleville IL 62220 | 618-277-3500 | X | | |
| Illinois State Police Troop 8 | | | | X | |
| Belleville Police | 720 W Main St Belleville IL 62220 | 618-234-1212 | X | | |
| Belleville Fire | 1125 S Illinois St Belleville IL 62220 | 618-234-2236 | X | | |
| Swansea Police | 1400 N Illinois St Swansea IL 62226 | 618-234-4110 | X | | |
| Swansea Fire | 144 Huntwood Rd Swansea IL 62226 | 618-234-3291 | X | | |
| Signal Hill Fire | 329 Hazel Ave Belleville IL 62223 | 618-397-1995 | X | | |
| Alton & Southern RR PD | 1000 South 22nd St East St Louis, IL 62207 | 618-482-7780 | X | | |
| Brooklyn Police | 312 S 5th St Brooklyn IL 62059 | 618-274-2198 | X | | |
| Cahokia Heights Police | 5800 Bond Ave Cahokia Heights IL, 62207 | 618-337-4065 | X | | |
| Caseyville Police | 10 W Morris St Caseyville IL 62232 | 618-344-2151 | X | | |
| Dupo Police | 100 N 2nd St Dupo IL 62239 | 618-286-3397 | X | | |
| East Carondelet Police | PO Box 122 East Carondelet IL 62240 | 618-286-4466 | X | | |
| East St Louis Police | 301 Riverpark Dr East St Louis IL 62201 | 618-482-6790 | X | | |
| Fairmont City PD | 2601 N 41st St Fairmont City IL 62201 | 618-274-4504 | X | | |
| Fayetteville PD | 2212 Main Ave Fayetteville IL 62258 | 618-677-3343 | X | | |
| Freeburg Police | 14 Southgate Ctr Freeburg IL 62243 | 618-539-3132 | X | | |
| Lebanon Police | 403 W St Louis Lebanon IL 62254 | 618-537-6131 | X | | |
| Lenzburg Police | 320 N Charles St Lenzburg IL 62255 | 618-475-3106 | X | | |
| Marissa Police | 932 N Main St Marissa IL 62257 | 618-295-3622 | X | | |
| Mascoutah PD | 3 W Main St Mascoutah IL 62258 | 618-566-2976 | X | | |
| Millstadt Police | 108 W White Millstadt IL 62260 | 618-476-7250 | X | | |
| New Athens PD | 905 Spotsylvania New Athens IL 62264 | 618-475-2133 | X | | |
| Sauget Police | 2897 Falling Springs Rd Sauget IL 62206 | 618-332-6500 | X | | |
| Smithton Police | 116 S Main St Smithton IL 62285 | 618-233-4180 | X | | |
| St. Clair County Coroners Office | 10 Public Square Belleville, IL 62220 | 618-277-8682 | X | | |
| St. Clair County Probation | 11 W Lincoln St Belleville IL 62220 | 618-277-5690 | X | | |
| Summerfield PD | 209 W Missouri Trenton IL 62293 | 618-779-9499 | X | | |
| Washington Park Police | 5218 N Park Dr Washington Park IL 62206 | 618-874-2100 | X | | |

| 9-1-1 Participant Agencies | Street Address, City Zip Code | Administrative Telephone No | Direct Dispatch | Transfer | Call Relay |
|---|---|---|---|---|---|
| Abbott Ambulance Service | 4400 N Belt West. Suite B Belleville IL 62226 | 314-768-1000 | | X | |
| Dupo EMS | 501 Columbia Rd Dupo IL 62239 | 618-286-3113 | X | | |
| Medstar Ambulance Co | 705 Bradbury Ln Spart IL 62286 | 618-443-5061 | | X | |
| Mascoutah EMS | 3 W Main St. Mascoutah IL 62258 | 618-566-2978 | X | | |
| Millstadt EMS | 114 S Jefferson St Millstadt IL 62260 | 618-476-1201 | X | | |
| New Athens EMS | 905 Spotsylvania St New Athens IL 62264 | 618-475-2133 | X | | |
| Alorton Fire | 4821 Bond Ave Alorton IL 62207 | 618-874-7084 | X | | |
| Brooklyn Fire | 312 S 5th St Brooklyn IL 62059 | 618-271-8424 | X | | |
| Cahokia Fire | 1400 Doris Ave Cahokia IL 62206 | 618-337-5080 | X | | |
| Camp Jackson FD | 3201 Camp Jackson Rd Cahokia IL 62206 | 618-332-2196 | X | | |
| Caseyville Fire | 321 S Main St Caseyville IL 62232 | 618-344-6703 | X | | |
| Church Road FD | 4901 George St Cahokia IL 62207 | 618-337-6432 | X | | |
| Dupo Fire | 501 Columbia Rd Dupo IL 62239 | 618-286-3113 | X | | |
| East Side Fire | 3111 E B St Rd Belleville IL 62221 | 618-234-7668 | X | | |
| East St Louis FD | 301 Riverpark Dr East St Louis IL 62201 | 618-482-6800 | X | | |
| Fairmont City FD | 2601 N 41st St Fairmont City IL 62201 | 618-874-6100 | X | | |
| Fayetteville Fire | 2212 Main Ave Fayetteville IL 62258 | 618-677-2223 | X | | |
| Freeburg Fire | 410 W High St Freeburg IL 62243 | 618-539-3288 | X | | |
| Golden Gardens Fire | 413 Jackson St. Cahokia Heights IL 62207 | 618-332-0464 | X | | |
| Hecker Fire | 121 E Beck St Hecker IL 62248 | 618-473-2597 | X | | |
| Hollywood Heights Fire | 1214 Hollywood Heights Rd Caseyville IL 62232 | 618-345-8889 | X | | |
| Lebanon Fire | 312 W St Louis St Lebanon IL 62254 | 618-537-2638 | X | | |
| Lenzburg Fire | 320 N Charles St Lenzburg IL 62255 | 618-475-3106 | X | | |
| Marissa Fire | 200 W North Railroad Marissa IL 62257 | 618-295-2138 | X | | |
| Mascoutah Fire | 224 N Railway Mascoutah IL 62258 | 618-566-2970 | X | | |
| Midway Fire | 200 N 74th St Cahokia Heights IL 62203 | 618-398-3548 | X | | |
| Millstadt Fire | 114 S Jefferson St Millstadt IL 62260 | 618-476-1234 | X | | |
| New Athens Fire | 608 S East St New Athens IL 62264 | 618-475-2113 | X | | |
| Northwest Fire | 3407 S Belt West Belleville IL 62226 | 618-233-0235 | X | | |
| Prairie Du Pont Fire | 2117 Short St East Carondelet IL 62240 | 618-286-3400 | X | | |
| Sauget Fire | 2897 Falling Springs Rd Sauget IL 62206 | 618-332-6700 | X | | |
| Signal Hill Fire | 329 Hazel Ave Belleville IL 62223 | 618-397-1995 | X | | |
| Smithton Fire | 711 N Main St Smithton IL 62285 | 618-234-7373 | X | | |
| St. Clair Special Emergency Services | 2900 Falling Springs Rd Sauget IL 62206 | 618-277-3500 | X | | |

| 9-1-1 Participant Agencies | Street Address, City Zip Code | Administrative Telephone No | Direct Dispatch | Transfer | Call Relay |
|---|---|---|---|---|---|
| St Libory Fire | 743 Rutter St. St Libory IL 62282 | 618-768-4929 | X | | |
| St Louis Downtown Airport FD | 6100 Archview Dr Sauget IL 62206 | 618-337-7478 | X | | |
| State Park Fire | 3218 Arlington Ave Collinsville IL 62234 | 618-344-2583 | X | | |
| Villa Hills Fire | 100 Conniston Dr Belleville IL 62223 | 618-538-5369 | X | | |
| Washington Park Fire | 5621 Forest Blvd Washington Park IL 62204 | 618-874-2100 | X | | |
| East St Louis Housing Auth | 700 N 20th St East St Louis IL 62201 | 618-215-6759 | X | | |
| East St Louis Park Police | 2950 Caseyville Ave East St Louis IL 62204 | 618-874-3600 | X | | |
| Fairview Heights Police | 10027 Bunkum Rd Fairview Heights IL 62208 | 618-489-2150 | X | | |
| O'Fallon Police | 285 N Seven Hills Rd. O'Fallon IL 62269 | 618-624-4545 | X | | |
| Shiloh Police | 3498 Lebanon Ave Shiloh IL 62221 | 618-632-9047 | X | | |
| O'Fallon EMS | 285 N Seven Hills Rd O'Fallon IL 62269 | 618-624-4516 | X | | |
| Fairview Fire | 214 Ashland Ave Fairview Heights IL 62208 | 618-233-2121 | X | | |
| O'Fallon Fire | 1215 Taylor Rd O'Fallon IL 62269 | 618-624-4520 | X | | |
| French Village Fire | 1406 2nd Ave Fairview Heights IL 62208 | 618-397-0288 | X | | |
| Scott Air Force Base Police | 755 Scott Dr Scott Air Force Base IL 62255 | 618-256-4883 | X | | |
| Scott Air Force Base Fire | 177 Hanger Rd Scott Air Force Base IL 62255 | 618-256-5130 | X | | |

# ADJACENT AGENCIES LIST

| Agency | Street Address, City, Zip Code | Telephone Number |
|---|---|---|
| Baldwin Fire Protection Dist | PO Box 142 Baldwin IL 62217 | 618-785-2987 |
| Clinton Co Sheriffs Dept | 810 Franklin St Carlyle IL 62231 | 618-594-4555 |
| Collinsville Fire and EMS | 130 S Clinton St Collinsville IL 62234 | 618-346-5022 |
| Collinsville Police | 200 W Clay St Collinsville IL 62234 | 618-344-2131 |
| Columbia EMS | 208 S Rapp Ave Columbia IL 62236 | 618-281-4163 |
| Columbia Fire Dept | 1020 N Main St Columbia IL 62236 | 618-281-5151 |
| Columbia Police Dept | 1020 N Main St Columbia IL 62236 | 618-281-5151 |
| Madison County Sheriff | 405 Randle St Edwardsville IL 62025 | 618-692-6087 |
| Madison Fire Dept | 1800 3rd St Madison IL 62260 | 618-876-4300 |
| Madison Police Dept | 615 Madison Ave Madison IL 62060 | 618-876-4300 |
| Monroe County EMS | 901 Illinois St Suite C Waterloo IL 62298 | 618-939-6179 |
| Monroe County Sheriff | 100 S Main St Waterloo IL 62298 | 618-939-8681 |
| New Baden EMS | 1 East Hanover St New Baden IL 62265 | 618-588-7272 |
| New Baden Fire | 100 East Hanover St New Baden IL 62265 | 618-588-3890 |
| New Baden Police | 100 East Hanover St New Baden IL 62265 | 618-588-7741 |
| St Jacob Fire Dept | 213 N Douglas St. St Jacob IL 62281 | 618-644-5751 |
| St Louis Police Department | 1915 Olive St. St Louis MO 63103 | 314-231-1212 |
| St. Louis Fire Department | 1421 N Jefferson Ave St Louis MO 63103 | 314-289-1900 |
| Sugar Creek EMS | PO Box 1022 Trenton IL 62294 | 618-224-9121 |
| Sugar Creek Fire | 1001 W Broadway Trenton IL 62293 | 618-224-9009 |
| Tilden Fire Dept | PO Box 486 Tilden IL 62292 | 618-587-2351 |
| Washington County Sheriff | 245 N Kaskaskia Nashville IL 62263 | 618-327-8273 |
| Waterloo IL Police Dept | 510 Illinois Ave Waterloo IL 62298 | 618-939-8009 |

# Carrier Listing

| Carrier | Street Address, City, Zip Code | Telephone |
|---|---|---|
| AT&T | 15 W B St Belleville IL 62220 | 888-424-3911 |
| Frontier | 401 Merritt 7 Norwalk CT 06851 | 800-921-8101 |
| Egyptian Telephone Company | 1010 W Broadway Steeleville IL 62288 | 888-774-1638 |
| Home Telephone Company | 501 N Douglas St St Jacob IL 62281 | 618-644-2111 |
| Harrisonville Telephone | 170 Columbia Centre Dr Columbia IL 62236 | 618-939-6112 |
| Charter Fiber | 400 Washington Blvd Stamford CT 06902 | 888-438-2427 |
| Gabriel Comm (Windstream) | 16090 Swingley Ridge Rd Chesterfield, MO 63017 | 636-537-5700 |
| Level 3 Comm (Lumen) | 1 Solutions Pkwy Town & Country MO 63017 | 314-254-0573 |
| McLeod Comm (Windstream) | 16090 Swingley Ridge Rd Chesterfield, MO 63017 | 636-537-5700 |
| Nuvox (Windstream) | 16090 Swingley Ridge Rd Chesterfield, MO 63017 | 636-537-5700 |
| Sprint | 6391 Sprint Pkwy Overland Park KS 66251 | 888-211-4727 |
| Verizon Business | 1095 Avenue of the Americas New York City NY 10018 | 855-591-1046 |

# ATTACHMENTS

Ordinance – Not Required per ISP

Contracts – Not Required per ISP

Intergovernmental Agreements – Not Required per ISP

Back-Up PSAP Agreement – No Changes to current plan.  Current format described in plan narrative.

Network Diagram – Attached

Call Handling and Aid Outside Jurisdictional Boundaries Agreement – No Changes

# TEST PLAN DESCRIPTION

| 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 |