NG911 FACT SHEEET

NG911 Project Overview

As a leader in public safety telecommunications in the state of Oklahoma, 911 ACOG prides itself on delivering the highest quality solutions to Central Oklahoma communities and visitors. The transition to Next Generation 911 (NG911) requires 911 ACOG Emergency Communication Centers (ECCs) to migrate from legacy, circuit-switched 911 systems to an Emergency Services IP network (ESInet) that supports Next Generation 911 Core Services (NGCS) call-routing functions. Once installed, the ESInet and NGCS will replace the legacy network, call-routing equipment, and call-handling equipment (CHE) that is reaching end of life.

Who Will Provide the Emergency Services IP network & Next Generation 911 Core Services?

911 AGOG awarded the ESInet & NGCS (Part A) contract to NGA. The ESInet and NGCS solution includes 911 call-routing services through policy routing, network management, and 24/7/365 surveillance, monitoring, issue resolution, customer support, and maintenance as a fully integrated service. By providing an end-to-end NG911 system—shared by 911 ACOG ECCs—we will accomplish our goal of implementing a solution that provides the greatest value to the agencies and the served public in the region.

What Are The ESInet and NGCS Implementation Steps?

Implementation and transition to the ESInet and NGCS require a phased approach. 911 ACOG and NGA 911 are coordinating the steps needed for successful and timely implementation of the NG911 solution.

Pre-Planning Phase (Complete)
- Project Deployment Plan
- Network Design
- Installation & Implementation Plan
- Training Plan
- Disaster Recovery Plan

Phase 1: Planning (Complete)
- Form Review & Approval
- Master Schedule Review & Approval
- Trunk Design Approval

Phase 2: Installation & Implementation
- ECC Site Surveys (COMPLETE)
- NG911 Trunk Orders (COMPLETE)
- Orginating Service Provider (OSP) Communication & Corrdination (COMPLETE)
- Interoperability Lab Testing (COMPLETE)

- NGCS Functional Element Implementation (COMPLETE)
- ECC Network Installation
- Geographic Information System (GIS) Data Preparation
- Solution Testing

Phase 3: Training & Cutover
- ECC Training (TBD)
- ECC Cutover

Phase 4: Post Cutover & Support
- Network Monitoring
- Monthly Reports & User Meetings