NG9-1-1 Project Overview

As a leader in public safety telecommunications in the state of Oklahoma, 9-1-1 ACOG prides itself on delivering the highest quality solutions to Central Oklahoma communities and visitors. The transition to Next Generation 9-1-1 (NG9-1-1) requires 9-1-1 ACOG Public Safety Answering Points (PSAPs) to migrate from legacy, circuit-switched 9-1-1 systems to an Emergency Services IP network (ESInet) that supports Next Generation 9-1-1 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 9-1-1 Core Services?

9-1-1 ACOG awarded the ESInet & NGCS (Part A) contract to NGA 911. The ESInet and NGCS solution includes 9-1-1 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 NG9-1-1 system—shared by 9-1-1 ACOG PSAPs—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. 9-1-1 ACOG and NGA 911 are coordinating the steps needed for successful and timely implementation of the NG9-1-1 solution.

**Phase 1: PLANNING (COMPLETE)**
- Project Deployment Plan
- Network Design
- Installation & Implementation Plan
- Training Plan
- Disaster Recovery Plan

**Phase 2: INSTALLATION & IMPLEMENTATION**
- PSAP Site Surveys (COMPLETE)
- NG9-1-1 Truck Orders (COMPLETE)
- Originating Service Provider (OSP) Communication & Coordination (In-Progress)
- Interoperability Lab Testing (In-Progress)
- NGCS Functional Element Implementation (In-Progress)
- PSAP Network Installation
- Geographic Information System (GIS) Data Preparation
- Solution Testing

**Phase 3: TRAINING & CUTOVER**
- PSAP Training
- PSAP Cutover

**Phase 4: POST CUTOVER & SUPPORT**
- Network Monitoring
- Monthly Reports & User Meetings