

## 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.

### 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

- PSAP Site Surveys (COMPLETE)
- NG9-1-1 Truck Orders (COMPLETE)
- Originating Service Provider (OSP)  
Communication & Corrdination (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

