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.

With the support of the 9-1-1 ACOG PSAP community, 9-1-1 ACOG completed the procurement process in the fall as 2020 for an NG9-1-1 solution. This effort was separated into two awards and components: Part A, the cloud-based NGCS platform and ESInet, and Part B, the i3-capable CHE solution. Working together, the call-routing and call-handling elements will allow 9-1-1 ACOG to independently own, operate, and manage the call-handling portions, with the ESInet/NGCS solution being a vendor-managed service.

How Does NG9-1-1 Implementation Impact 9-1-1 ACOG Area Public Safety Answering Points?

The 9-1-1 ACOG transition to NG9-1-1 impacts not only 9-1-1 ACOG, as we work with the vendors to implement NG9-1-1, but also all 22 PSAPs in the ACOG region. When a highly reliable, secure, standards-based NG9-1-1 system is deployed in the region or nationwide, PSAPs will have enhanced tools at their disposal for more effective and efficient response, as well as an increased ability to work together with other PSAPs.

Who Will Provide the Emergency Services IP network & Next Generation 9-1-1 Core Services?

9-1-1 AGOG 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.

Who Will Support the Call-Handling Equipment?

9-1-1 AGOG awarded the call-handling equipment (Part B) contract to Comtech-Solacom Technologies, Inc. Solacom's advancement leverages 9-1-1 ACOG facilities and technology infrastructure to house the CHE at the Tier Point and MidCon data centers, supporting calls processed on 73 Guardian 9-1-1 workstations across all 22 PSAPs,and the 9-1-1 ACOG Training Center. After installment and training, 9 1-1 ACOG workstations will be equipped with Guardian 9-1-1 call-taking software, Guardian Map software, and Active Remote Monitoring to support the innovative benefits of NG9-1-1 capabilities.

association of central oklahoma governments
4205 N. Lincoln Blvd. | Oklahoma City, OK 73105 | 405.234.2264 | acogok.org

acog