



## VENTURA NEXT GENERATION 9-1-1 PROJECT

### Description

The CA 9-1-1 Emergency Communications Branch (CA 9-1-1 Branch) is working with three Public Safety Answering Points (PSAPs) in Ventura County to deploy a Next Generation 9-1-1(NG9-1-1) Internet Protocol (IP) solution. The PSAPs include Ventura County Sheriff, Oxnard Police Department and Simi Valley Police Department. The PSAPs have selected an Intrado Hosted Viper Customer Premise Equipment solution provided by AT&T. Additionally the CA 9-1-1 Branch has selected Ventura for a proof of Concept (POC) test with X/Y location routing capabilities for wireless calls provided by AT&T.

### Background

An IP-enabled network has been identified by the Federal Government and private organizations, such as the National Emergency Number Association (NENA), as the foundation for NG9-1-1. IP technology will lay the groundwork necessary for expanded capabilities including advanced call routing, geographically independent call access, transferring, and back-up among and between PSAPs. In addition, IP technology will enable the 9-1-1 network to support other new and non-voice technologies such as text message, images, data sets, and video in the future.

### Timeline

- 2009- 2011 Project PSAPs look into Virtual PSAP options
- 2nd Quarter - 2011 CA 9-1-1 Branch approves Intrado Viper Hosted Central Premise Equipment (CPE) Solution provided by AT&T
- 1st Quarter - 2012 CA 9-1-1 Branch approves ESInet POC with Location Based Routing (LBR) provided by AT&T
- 1st Quarter - 2013 AT&T/Intrado completed Viper CPE Hosted Installation
- 2nd Quarter - 2014 ESInet POC with LBR tested and implemented

### Project Goal

Establish the ability for pilot PSAPs to load balance, establish an IP network and route wireless 9-1-1 calls as quickly and efficiently as possible to the correct PSAP the first time based on geographic coordinates of latitude and longitude.

### Project Status

- NG9-1-1 Call Handling CPE & IP Network ordered April 2012
- All Project PSAPs equipment installed 2<sup>nd</sup> Quarter 2013
- Testing for AT&T ESInet POC overlay with X/Y routing to begin March 2014
- Implementation and testing for ESInet POC overlay with X/Y routing to conclude 2nd Quarter 2014

