

# PRENCIPIA CASE STUDY



## Sheriff's Office works to establish a new 911 system with help from Precipia

Precipia helped the Maricopa County Sheriff's Office (MCSO) establish data center infrastructure for their new Computer Aided 911 Dispatch System

### OVERVIEW

Precipia is a provider of cloud architecture, design, and implementation services. We allow our customers to consume infrastructure services in a manner similar to what public cloud providers offer. Our cloud service strategy allow our customers to reuse their existing IT investments in private clouds, public clouds, and hybrid cloud models.

**PRENCIPIA customer case study**  
Data Center Infrastructure (2012)

**Industry**  
Law Enforcement

### PROJECT OVERVIEW

The Maricopa County Sheriff's Office (MCSO) is in the process of establishing a new 911 system for the county. Maricopa County is the fourth largest county in the US, with more than four million residents. The new 911 system is aimed at modernizing the current system by adding Computer Aided Dispatch (CAD) and Records Management System (RMS) directly into the dispatcher's set of tools. These technologies will help ensure the closest, most qualified responders are dispatched to a 911 call.

Given the complexity of the system, MCSO selected Precipia to provide the implementation services needed to establish the data center infrastructure for the overall project.

### PRENCIPIA SERVICES

- **Design Services**
- **Implementation Services**

### PRODUCTS

- **Fiber Channel Storage Array Hardware**  
HP 3Par v400 Storage Systems
- **Fiber Channel SAN Hardware**  
HP B-Series (Brocade) 8/40 8Gb Fiber Channel SAN Switches
- **Tape Library Hardware**  
HP MSL 4048 LTO5 Tape Library
- **Virtual Tape Library Hardware**  
HP D2D4324 Backup System
- **Blade Server Hardware**  
HP C7000 Blade Enclosures with 10Gb FlexFabric Interconnects; BL460cGen8
- **Hypervisor**  
VMware vSphere 5.1 Enterprise Plus with Site Recovery Manager
- **Data Recovery Software**  
HP Data Protector 7.01

