



## **BayLoop FREQUENTLY ASKED QUESTIONS**

### **What is BayLoop?**

BayLoop is a broadband digital microwave network that provides connectivity for public safety voice and data communications. The original purpose of this shared network was to serve as a transport system for voice and data traffic to enhance interoperability and connectivity in the region. BayLoop has been configured to support local traffic within participating counties, as well as regional interconnection of Bay Area public safety services.



### **Who Can Use BayLoop?**

BayLoop is a shared regional network, potentially available for any approved use by Bay Area public safety. The network includes hardware and facilities located in eight Bay Area Counties. Using regional interoperability funds, BayLoop was completed over several phases spanning the past seven years. The first phase (referred as the West Side) was completed in 2006, connecting Marin, San Francisco, San Mateo and Santa Clara Counties. The second phase (referred as the East Side) was completed in 2011, connecting Santa Clara, Alameda, Contra Costa, Solano, Sonoma and Marin Counties.

### **What Applications Can Run on BayLoop?**

BayLoop is configured to interconnect regional public safety radio systems and sites and support the sharing of digital data and voice traffic between counties. BayLoop is, however, a point-to-point network, so any potential services or users must have the ability to interconnect with BayLoop at one of eighteen sites throughout the Bay Area.

Within those parameters, BayLoop can support a wide variety of IP-Based voice and data applications including:

- Data warehouse connectivity (CopLink, Aries, etc.)
- WebEOC
- VoIP phone connectivity between dispatch centers, PSAPs and EOCs
- Other Applications TBD

Although the possibilities are many, BayLoop capacity is not unlimited—therefore, the next step is to develop application guidelines and approval procedures to ensure that applications available on BayLoop have enough bandwidth to run smoothly and efficiently.

### **Who Manages BayLoop?**

In 2012, the BayRICS Authority agreed to establish a system-wide process for BayLoop maintenance and monitoring (M&M), and has secured funding to pay the associated costs of

