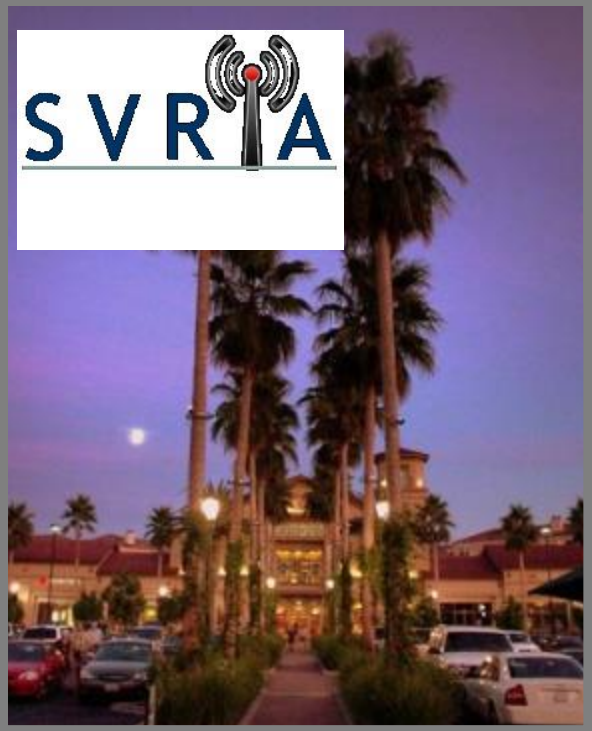






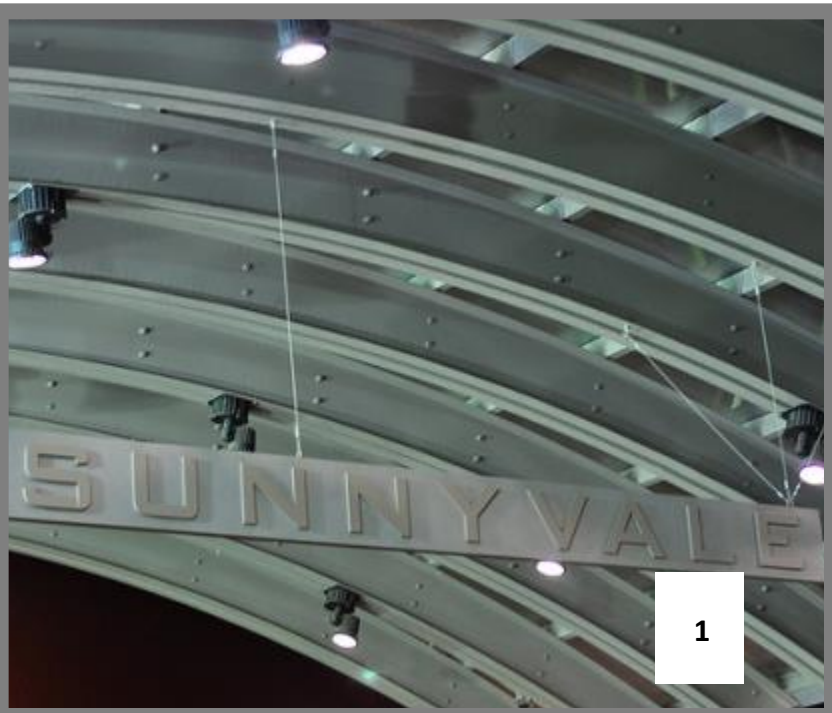




SILICON VALLEY REGIONAL INTEROPERABILITY AUTHORITY

CITIES ASSOCIATION OF SANTA CLARA COUNTY





September 9, 2026

Desired Outcomes for Today

1. Update Cities Association & SVRIA Members on the Authority's success, future challenges, and opportunities

2. Understand the need for sufficient reserve funds to support lifecycle replacement of critical radio system infrastructure (planning horizon 2028-2040)



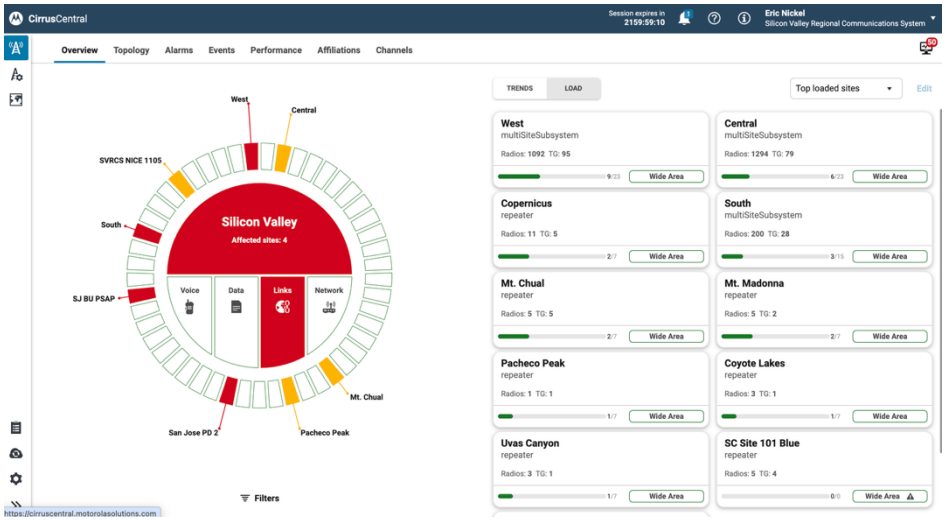
Interoperability Success



Record-Breaking Numbers

The July 1, 2026, USA vs. Bosnia-Herzegovina match set a record for the most radios operating on the SVRCS

- 3,733 radios were operating on 179 talkgroups at the peak of the evening
- 199 more radios than Super Bowl 60
- 100% System Availability
- 30-40% of System Capacity



SVRIA Members

County of Santa Clara	City of San Jose
VTA	City of Mountain View
City of Gilroy	City of Campbell
City of Milpitas	City of Santa Clara
City of Cupertino	Town of Los Gatos
City of Monte Sereno	City of Los Altos
City of Morgan Hill	City of Palo Alto
City of Saratoga	City of Sunnyvale



Authorized Agencies

Mutual Aid Interoperability Cooperators
As of June 1, 2026

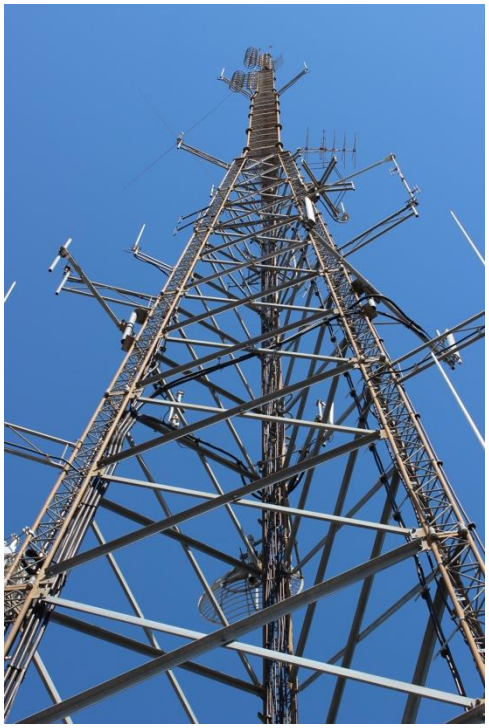
Local
East Bay Regional Communications Authority
San Mateo County Public Communications System
San Francisco Interoperable Communications System
Marin Emergency Radio Authority
Bay Area Regional Interoperable Communications Systems Authority (BayRICS)
San Benito County Sheriff's Office
Santa Cruz County Sheriff's Office
Fire Associates of Santa Clara County
Menlo Park Police Department [1]
Menlo Park Fire Protection District [2]
Woodside Fire Protection District [2]
Fremont Police and Fire Departments [3]
San Ramon Valley Fire Protection District

State
California Governor's Office of Emergency Services (CalOES)
California Department of Forestry and Fire Protection (CalFire)
California Highway Patrol (CHP)
California Department of Corrections and Rehabilitation (CDCR)

Federal
United States Coast Guard (USCG)
Federal Bureau of Investigation (FBI)
Bureau of Alcohol, Tobacco and Firearms (ATF)
United States Marshals Service (USMS)
Transportation Security Agency/Federal Air Marshals (TSA)
Internal Revenue Service – Criminal Investigations
NASA/Ames Protective Services



SVRIA Owned Assets











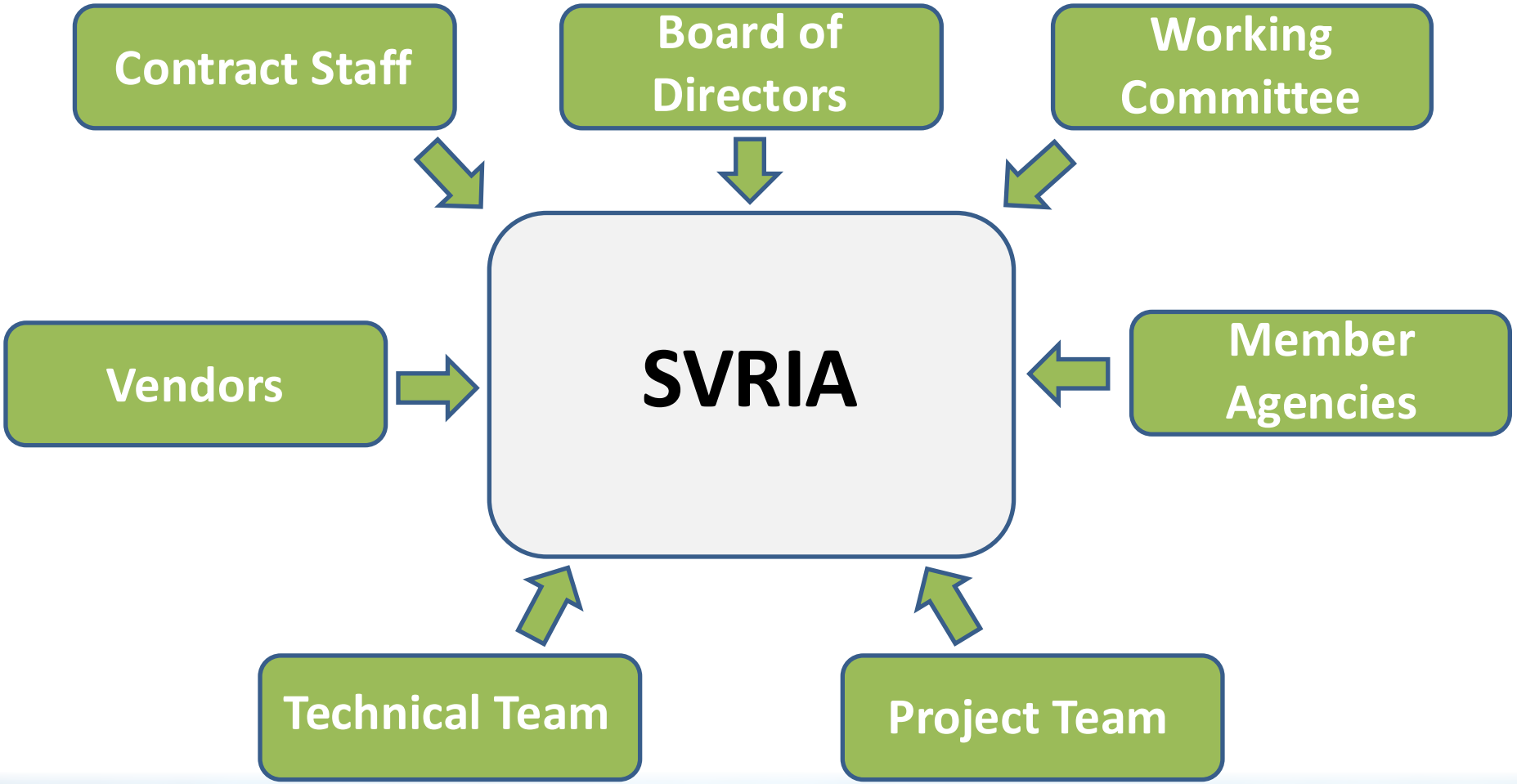
Member & Participant Owned Assets





- **13,139 Radios on System**
- **24M Radio Transmissions in CY 2025 (approx. 65,000 per day)**

The Small but Mighty JPA – Why SVRIA Works



SVRIA Annual Budget

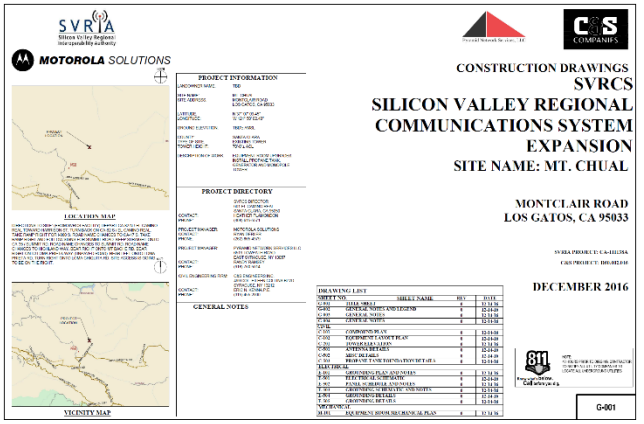
- Approved FY26/27 budget:
  $5,346,768

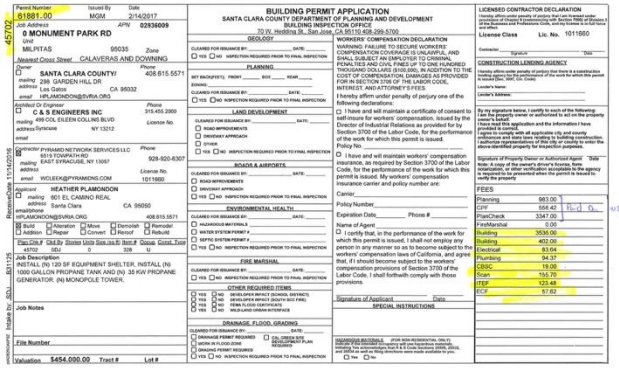


- ❑ Maintenance & Operations: $4,271,326
- ❑ Operating Reserve: $100,000
- ❑ Asset Replacement Reserve: $975,442

SVRIA 1st Generation Costs

- Radio Infrastructure Only
  - ❑ Contract awarded to Motorola in September 2012
  - ❑ Design, Site Development, Construction
  - ❑ Radio, IT Network, Microwave Network
  - ❑ Dispatch Consoles
  - ❑ Paid over multiple years
  - ❑ Approximately $35M in Grant Funding
- Does not include member's radio purchases


SVRIA
Silicon Valley Regional Interoperability Authority
MOTOROLA SOLUTIONS
CONSTRUCTION DRAWINGS
SVRCS
SILICON VALLEY REGIONAL COMMUNICATIONS SYSTEM EXPANSION
SITE NAME: MT. CHUAL
MONTCLAIR ROAD
LOS GATOS, CA 95033
DECEMBER 2016
G-001


BUILDING PERMIT APPLICATION
SANTA CLARA COUNTY DEPARTMENT OF PLANNING AND DEVELOPMENT
BUILDING INSPECTION OFFICE
0 MONUMENT PARK RD
SANTA CLARA COUNTY
C & S ENGINEERS INC
HEATHER PLAMONDON

Approx: $100M

The Future of SVRIA: What We Know

- Upgrade and replace Capital Infrastructure (Lifecycle Planning)
  - Radio System
    - Current platform is 25 years old
  - Microwave Network
- Current System Upgrade Agreement (SUA) contract ends in 2028



THE FUTURE: RADIO SYSTEM INFRASTRUCTURE

Reserve Fund Balance 8/2026

$10.2 Million

New System Upgrade Agreement (SUA) in 2028

Current SUA is $2.3M annually. This agreement was negotiated six years ago. New agreement estimate is $3M annually or $700K more than current SUA

Estimated Upgrade Costs

$56+ Million

8/2026

27/28
$18M

- 178 New Consoles

27-29
$6M

- Site Controllers
- Virtual Prime
- New Servers

2028
$3M

- Service Upgrade Agreement ends
- Annual Cost Estimate increase from $2.3M

2030-2040
$32M

- 308 New Base Station Radios
- 62 New Site Controllers



Desired Outcomes for Today

1. Update Cities Association & SVRIA Members on the Authority's success, future challenges, and opportunities

2. Understand the need for sufficient reserve funds to support lifecycle replacement of critical radio system infrastructure (planning horizon 2028-2040)



Questions

