

Regional Interoperable Next Generation Radio System

Capitola City Council Meeting

December 11, 2025



Sarah Ryan, Chief of Police
Jim Frawley, RING Lead Consultant

Regional Interoperability Next Generation (RING)



Today's Recommendation:

- ✓ Approve Master Service and Governance Agreement to establish a regional radio system

RING OVERVIEW

RING Overview

RING Radio System

Next Gen
Radio Upgrade

Regional Governance

Deploying a
P25 Digital
Trunked
System

Capital Lease
Equipment
Financing
Plan

Master
Service
Agreement

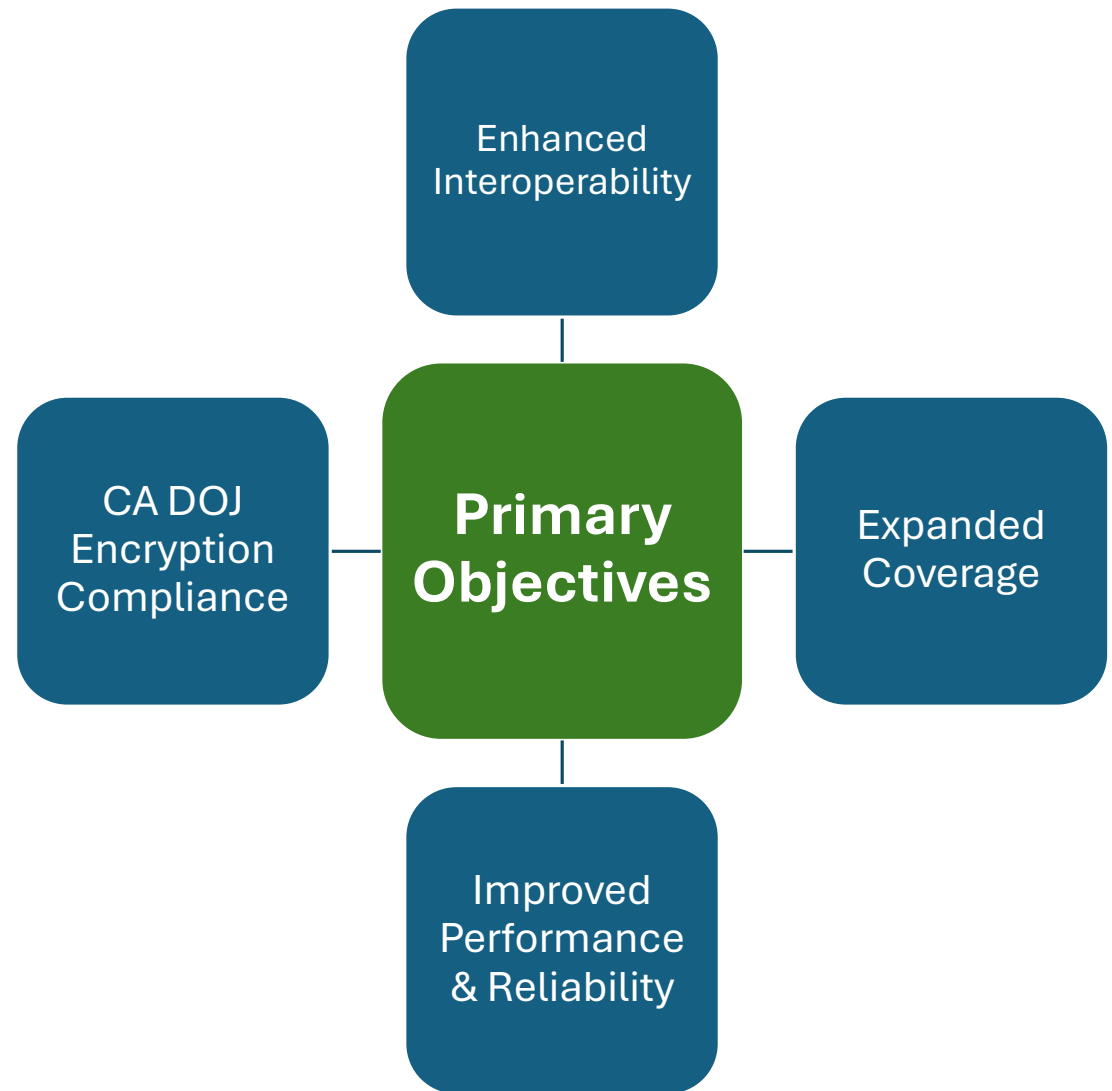
Cost
Allocation
Model

Radio Shop
Operations

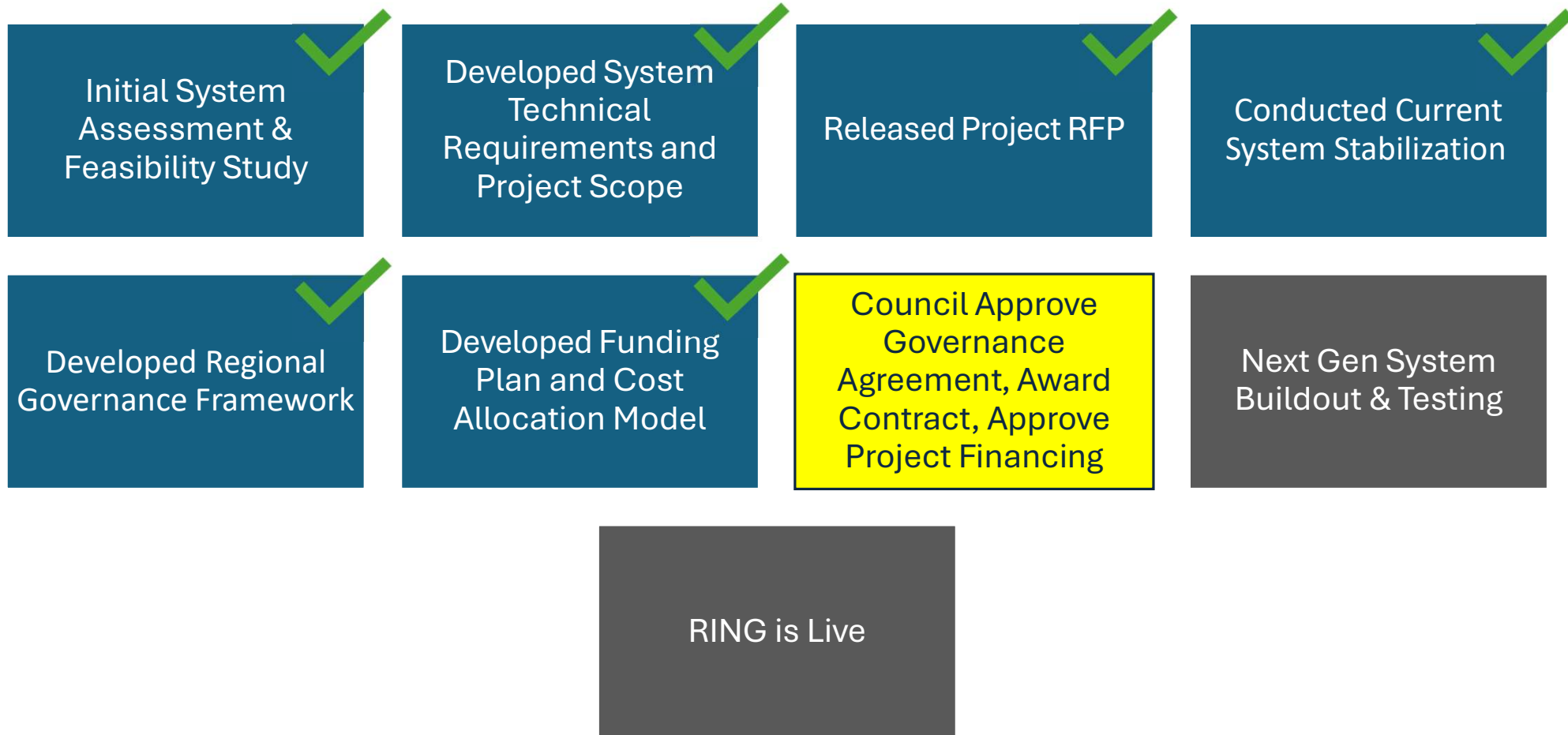
RING OVERVIEW

RING is a digital radio communications platform that will serve as unified communication platform for

- Public Safety
- Municipal Services
- Regional Partners
- County Services



RING Work to Date



RING

Master Service and Governance Agreement

RING Master Service and Governance Agreement

Member Agencies

Regional
Governance

Cost Allocation

Roles and
Responsibilities

Operational
Standards

Lifecycle &
Flexibility

Risk & Liability
Protections



RING Governance

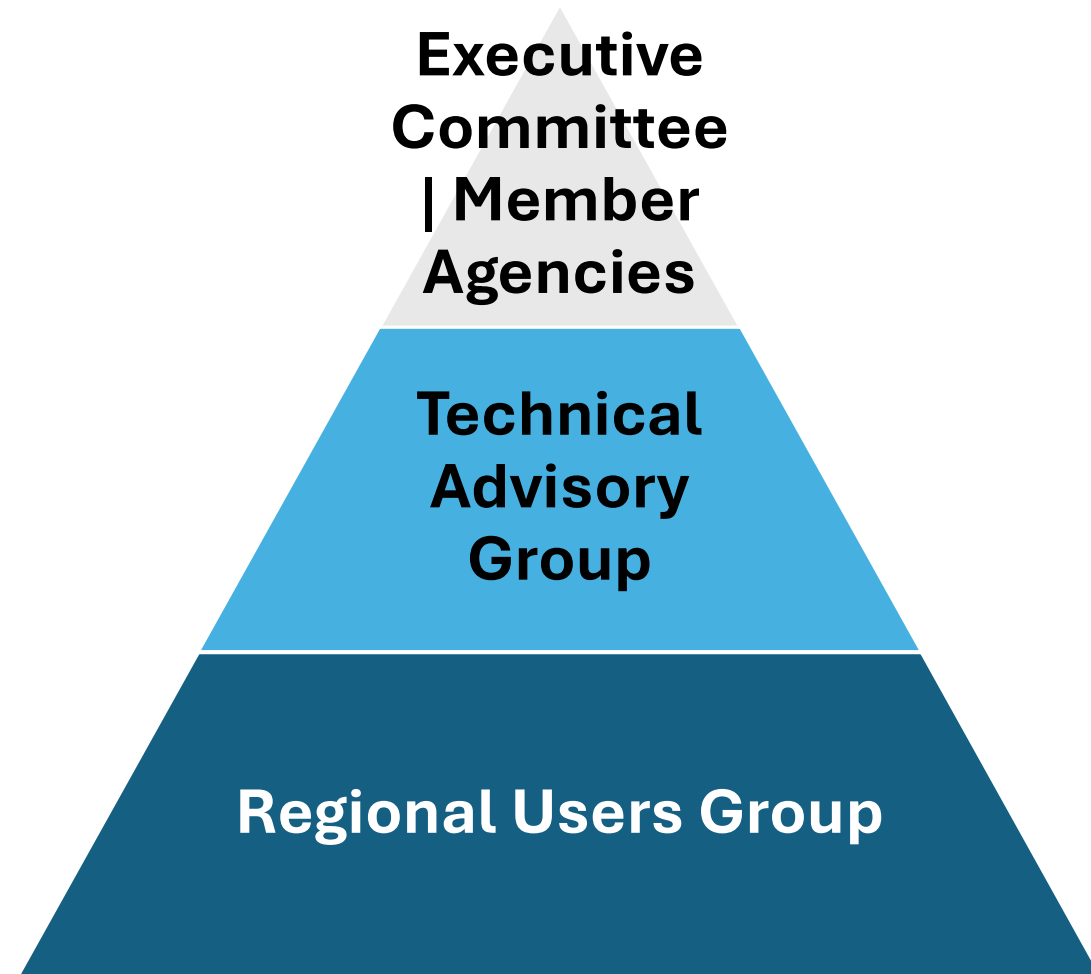
Tiered Participation

Member Agencies

- Signers of MSGA
- Participate in Executive Committee
- Responsible for capital & operational costs

Subscriber Agencies

- Connect to RING system but not members of the MSGA
- Subject to a one-time connection fee
- Charged operational fee
- Can participate in advisory groups



RING Cost Allocation

Unit-based formula:

More radios = larger share of cost.

$$\text{Capital Fee} = \frac{\text{Net Capital Expenditures}}{\text{\# of Member Units}}$$

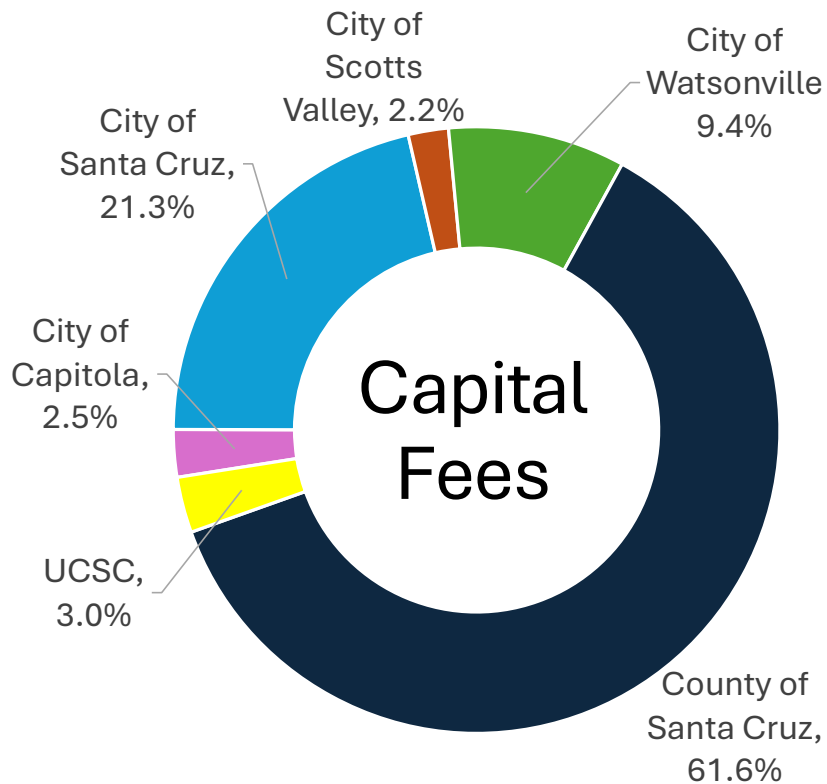
$$\text{O \& M Fee} = \frac{\text{O \& M Expenditures}}{\text{\# of All Units}}$$

Advantages:

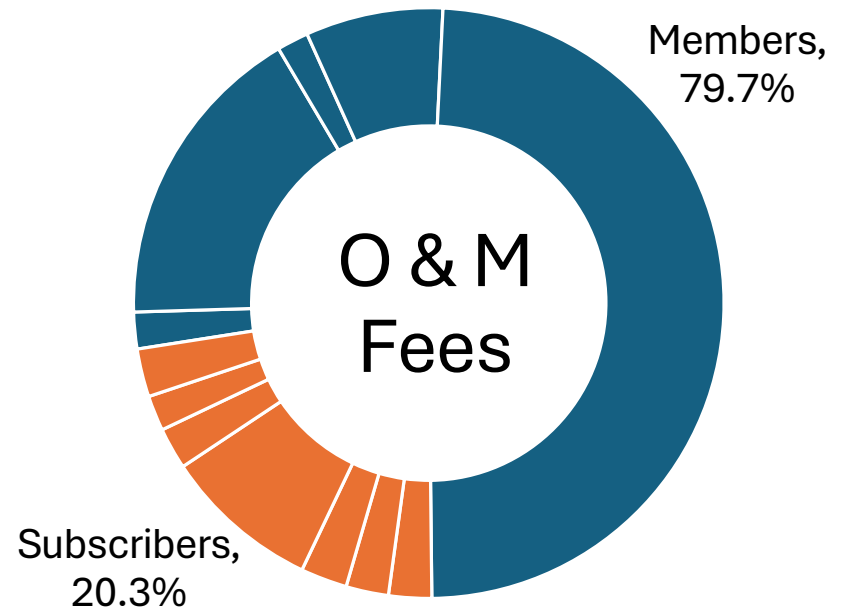
- ✓ Agency Control
- ✓ Proportionality
- ✓ Predictability
- ✓ Audit & Inventory Ready
- ✓ Alignment to Capital Investments

Projected Cost Allocation

Member Agencies Only



Member & Subscriber Agencies



RING P25 Upgrade

Phase 1: Dispatch
Consoles & Microwave
(Jan 2026 – Nov 2026)

Phase 2: Radio
Infrastructure Deployment
(Dec 2026 – Jun 2028)

Phase 3: Final Testing,
Cutover, and Acceptance
(Jul 2028 – Dec 2028)





Fiscal Impact



	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Projected Costs	\$48,256	\$49,640	\$90,078	\$113,043	\$115,293



Next Steps

Upon City Council approval and contract execution, system deployment will begin immediately.

Work with Subscriber Agencies on connection and service agreements

Continue to seek out additional external revenue opportunities to offset costs and reduce fees.

The buildout is expected to take 2.5 to 3 years, with phased migration of agencies as new sites come online.

The system is expected to be fully operational by the end of 2028.

A TEAM EFFORT

-Thank You-



Recommended Action

Approve Capitola's participation in Regional Interoperable Next Generation (RING) Radio System by:

- (1) Authorizing City Manager to execute Master Service and Governance Agreement with County of Santa Cruz and partner agencies
- (2) Designating City Manager to serve as City's voting member on RING Executive Committee.

QUESTIONS

