



CONFIRE

Center Analysis

April 2022

CTA - Communications Technology Advancement

- ⌘ 600+ public safety radio communications projects
- ⌘ Relevant industry knowledge, we contribute to & drive what's next
- ⌘ Specialize in multi-agency/multi-jurisdiction systems
- ⌘ All phases of radio communications: assessment - implementation
- ⌘ A collaborative partnership where we act on your behalf
- ⌘ Independent, no affiliation with any vendor, manufacturer, supplier, or dealer of equipment

Dedicated to client success, driven to excellence!

∞ Why was CTA chosen for this project?

- 2007 Conceptual Design for:
 - ❖ Radio System
 - ❖ PSOC
- Developed Critical Redundancy Plan

∞ Stakeholders we talked to:

- Chief Dan Munsey and BC Bill Mahan County Fire
- Interim Chief Brian Park, Rialto
- Chief Dan Harker, Loma Linda
- Tim Franke, Communications Manager CONFIRE
- Mayor Phill Dupper, Loma Linda
- Art Andres, Director CONFIRE JPA

CTA assessed the need/justification for redundant dispatch operations.

CTA performed an analysis on the following options:

- ∞ Option 1: Valley Communications Center Facility
- ∞ Option 2 A & B: Expand Rialto Facility
- ∞ Option 3: New Facility Loma Linda
- ∞ Option 4: New Facility Unknown Location

- ❧ State-of-the-art facility - designed to meet the facility needs of CONFIRE operations for the next 15 –20 years
- ❧ Based upon professional standards/codes (APCO, NENA, NFPA, Cal OES) for a purpose-built building
- ❧ Current lease agreements for both the Rialto and Hesperia PSAP locations
- ❧ Leasing at Valley Communications Center (VCC)
- ❧ Cost of constructing / renovating a building
- ❧ JPA budget
- ❧ Interviews

Summary of Costs



		Annual % Increase	Term Length (in Years)	Avg Annual Payments	TOTAL Payments	Cash Investment	TOTAL Investment
Current Leases		3.5%	30	\$ 11,076,458.86	\$ 369,215.30		\$ 11,076,458.86
Option 1	VCC w/out Buy Down	3.0%	30	\$ 19,827,258.73	\$ 660,908.62		\$ 19,827,258.73
Option 1	VCC w/Buy Down	2.0%	30	\$ 13,168,949.76	\$ 438,964.99	\$3,000,000.00	\$ 16,168,949.76
Option 2	Rialto New Facility		30	\$ 37,198,451.47	\$ 1,239,948.38	\$3,000,000.00	\$ 40,198,451.47
Option 2	Rialto Renovate Facility		30	\$ 33,079,980.48	\$ 1,102,666.02	\$3,000,000.00	\$ 36,079,980.48
Option 3	New Facility Loma Linda		30	\$ 33,555,152.70	\$ 1,118,505.09	\$3,000,000.00	\$ 36,555,152.70
Option 4	New Facility Unknown Location		30	\$ 37,296,665.34	\$ 1,243,222.18	\$3,000,000.00	\$ 40,296,665.34

It is the recommendation of CTA that CONFIRE maintain the existing Hesperia Center.

AND

Migrate the Rialto operations to the new Valley Communications Center (VCC).

Costs per Agency



Current Call %	AGENCY	Current Leases	Option 1	Option 1
			VCC w/out Buy Down	VCC w/Buy Down
5.39%	AppleValley Fire Protection Dist	\$ 19,900.70	\$ 35,622.97	\$ 23,660.21
1.73%	Big Bear Fire Department	\$ 6,387.42	\$ 11,433.72	\$ 7,594.09
5.40%	Chino Valley Fire Dist.	\$ 19,937.63	\$ 35,689.07	\$ 23,704.11
3.07%	Colton Fire Dist.	\$ 11,334.91	\$ 20,289.89	\$ 13,476.23
1.64%	Loma Linda Fire Dept.	\$ 6,055.13	\$ 10,838.90	\$ 7,199.03
1.95%	Montclair Fire Dept.	\$ 7,199.70	\$ 12,887.72	\$ 8,559.82
6.82%	Rancho Cucamonga Fire Dist.	\$ 25,180.48	\$ 45,073.97	\$ 29,937.41
4.44%	Redlands Fire Dept	\$ 16,393.16	\$ 29,344.34	\$ 19,490.05
4.67%	Rialto Fire Dept.	\$ 17,242.35	\$ 30,864.43	\$ 20,499.67
0.24%	Running Springs Fire	\$ 886.12	\$ 1,586.18	\$ 1,053.52
53.93%	San Bernardino County Fire Dist.	\$ 199,117.81	\$ 356,428.02	\$ 236,733.82
0.57%	San Manuel Fire	\$ 2,104.53	\$ 3,767.18	\$ 2,502.10
9.73%	Victorville Fire Dist.	\$ 35,924.65	\$ 64,306.41	\$ 42,711.29
0.31%	Baker Ambulance	\$ 1,144.57	\$ 2,048.82	\$ 1,360.79
0.10%	County Road Dept.	\$ 369.22	\$ 660.91	\$ 438.96

Thank you for sharing your time with us

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