

COCHISE COUNTY

Obligation of ARPA Funds for Fire Station Alert System

April 5, 2022



Public Programs...Personal Service

COCHISE COUNTY

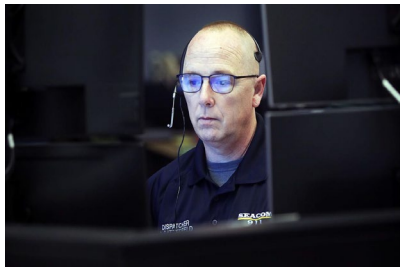
Current Dispatching Process (SEACOM)

2 people to process and dispatch a FIRE/EMS call or requires 911 caller to be put on hold

911 call into SEACOM



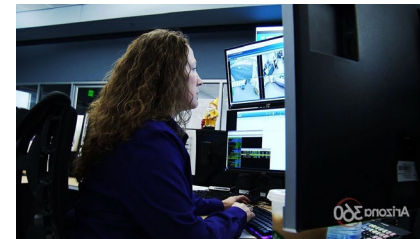
Call entered into CAD.



Pause to relay info to different person, different console



Dispatcher selects station tones, verbal info on radio



Units Respond



Modern Station Alert Process

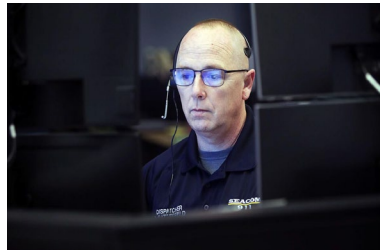
1 person to process and dispatch a FIRE/EMS call ; no hold time, no delay in call

911 call into
SEACOM



Faster Call Processing
Faster Response Times

Call entered in CAD,
Instant, automated
fire station alert



**30-90 SECONDS
FASTER**

Units Respond



Benefits: Dispatch Centers

- Harnesses the speed of modern technology
- <1 second alerts to multiple stations simultaneously; could alert the entire county within 1 second
- Reduces/eliminates putting 911 caller “on hold”
- Increases reliability of call processing
- Clear, calm and consistent voice
- Workforce multiplier, reducing stress and increasing dispatcher wellness
- Increases overall effectiveness and efficiency of dispatch centers



Benefits: Fire/EMS

- Harnesses the speed of modern technology
- Alerts are heard and seen (sign boards, colored lights)
- Clear, calm & understandable voice on radio
- Reduced dispatching time = reduced response times = better outcomes
- High reliability, calls aren't "missed" waiting in cad
- Health & wellness: heart saver tones, zoned dispatching (startle response)
- Redundant alerting: speaker, display boards, lights, mobile phone app
- Manual use: usable when cad is down; internal messaging



Benefits: Administrative

- Workforce Multiplier for dispatching FIRE/EMS calls (SEACOM 15,000 calls/year)
- Compliance with NFPA 1710 & 1221
- Improves ISO ratings
- Improves and streamlines county-wide interoperability
- Reduces missed calls due to power/network failures
- Helps ALL of Cochise County equally



Budget for Project

US Digital Designs System w/5-year maintenance agreement	1,778,961.85
Arizona Communications - Install	288,702.00
HyeTech Network Routers	98,317.84
IT Misc. Expenses	20,218.31
CAD Interface	53,800.00
Total	2,240,000.00



Project Communication with Stations

- Representatives of each station were briefed on project at luncheon on March 9, 2022
- Letters of Intent for 32 stations returned; 2 pending
 - Includes cost estimate for annual maintenance and support for year 6 and forward.
 - LOI documents that each station is aware of responsibility for those costs going forward.



Resolution to Obligate ARPA Funds

- Staff recommends approval of the resolution to obligate ARPA funds for this project.
- If approved, County will move forward on procurement.

