



**SFMTA**  
Municipal  
Transportation  
Agency

# Radio System Replacement Project

# Project Scope

- **Building Radio system for vehicles (non revenue and revenue) which including radio base stations, network system**
- **In addition, the new radio system will add state of the art digital Intelligent Transportation System (ITS) features that the current analog system can not provide.**
- **Building a brand new tunnel Distribute Antenna system (DAS)**
- **Geographic redundant systems providing backup capability in the event of a primary site failure**



# Current Project Status

- At Fix end infrastructure
- Completed and commissioned P25 system for non revenue radio system
- Completed and commissioned Opensky system for revenue radio system
- Completed and commissioned 2 central control and one power control facilities
- Completed and commissioned for all underground radio systems

# Current Project Status

- At vehicle end
- Completed installation and cutover of 919 rubber tire buses, 34 cable cars, 146 non-revenue vehicles,
- Completed installation of 137 LRV train, cutover 16 LRVs as pilot. The rest of the LRV will be cutover once all 148 LRVs are installed.
- Completed installation of 14 historic vehicles



# Project Schedule

Milestone	Current Approved Schedule	Status
Contract NTP	June 2012	Completed
Detailed design	July 2015	Completed
Baseline wayside construction	June 2015	Completed
Software and mini-fleet testing	May 2016	Completed
Vehicle installation: rubber tire (bus)	September 2016	completed
Vehicle installation: rail	December 2016	In progress
Cutover and Contract Closeout	March 2017	September 2018

# Thank you!

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