ARKnet Deployment Project, Status, 18 August 2015

SUMMARY

ARKnet Deployment Project kicked off 1 July 2015. City-wide site surveys were held and the Cupertino City Center is our best bet for a central high level sector site. We are in discussions with Prometheus for access to City Center Building 3 rooftop. Preliminary designs were submitted for their review. System equipment purchases are being made. The team is closely monitoring the progress of our financial spend. There is schedule risk due to the dependency on other entities to complete tasks needed to move the Sector Site deployment forward (risks #2, #3 below).

THIS PERIOD'S ACCOMPLISHMENTS (since 28 January)

1. FY'16 funding approved and available 1-July-2015.
2. Completed documenting the Functional Requirements.
3. Completed site survey of Linda Vista Park; found an excellent location, but it not on City property.
4. Completed site survey of Cupertino City Center, Building 3 (CCC/B3).
5. Completed preliminary Sector Site design; submitted to Prometheus for their review and approval.
6. Detailed Design is in progress.
7. Developed the initial system Bill of Material. Material purchases are in progress.

UPCOMING EVENTS

Activity	Due Date
1. Finalize Sector Site Design for CCC/B3.	4-September (see risk #2, #3 below)
2. Finalize Application Server Design	11-September
3. Deploy Sector Site to CCC/B3	25-September (see risk #2, #3 below)
4. Deploy EOC, 1st remote client site	10-October (estimate)

ISSUES, RISKS

	Due Date	Action Plan
1. City-wide coverage from CCC/B3 may be insufficient to hit all desired sites.	11 Sep 2015	Develop the list of additional site candidates and survey.
2. Schedule delay due to the speed to reach an agreement with Prometheus	16 Oct 2015	Work closely with Prometheus Management to ensure they have all their questions answered in a timely manner.
3. Schedule delay due to City of Cupertino internal review time for any agreements that the City may enter into with Prometheus.	16 Oct 2015	Leverage the agreement that is in place between Public Works and Prometheus.

MILESTONES (all dates are preliminary)

Checkpoint	Planned	Actual	Notes
1. Requirement Checkpoint	31 May 2015	15-Jul-2015	Complete
2. Design Checkpoint	11 Sep 2015		
3. Begin Site roll-outs	30 Sep 2015		
4. Sector Site Deploy Checkpt	25 Oct 2015		This is an evaluation 1 month after the site goes live
5. First Test	21 Nov 2015		