

# ATIC

## Arizona Telecommunications and Information Council

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A Foundation of the Governor's Strategic Partnership for Economic Development (GSPED)

PO Box 1119

Tempe, AZ 85280-1119

Voice/Fax: (602) 254-

5887

E-mail: [atic@researchedge.com](mailto:atic@researchedge.com)

URL: <http://atic.researchedge.com/>

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From: Oris Friesen

To: ATIC Board

Subject: DHS WIFI Status Report

This is the third monthly report to the ATIC Board on the DHS WIFI Security Project. It covers the activities performed within the last month following the previous status report.

### Objectives

Objective 1 – Provide Tier-1 connected wireless hot spot (IEEE 802.11x based telecommunications) wireless services with high availability between designated points in the vicinity of Green Valley and Rio Rico in southern Arizona with mobile access for first responders.

Objective 2 – Deploy layered and scaled security and advanced applications to existing wireless environments.

Objective 3 – Deploy advanced applications, to existing wireless environments, which are capable of attracting commercial users and which can act to provide commercial viability for the continuation of these Tier-1 connected wireless hot spot wireless services for a time period beyond the grant funding period.

### Included Tasks

Task 1 – Develop and Refine Conceptual Designs. (about 90% complete)

Develop and refine conceptual designs for providing wireless hot spot availability between designated points in the vicinity of Green Valley and Rio Rico in southern Arizona with mobile access for first responders.

This task includes initial activities related to siting and making operational the antennas necessary to provide a wireless 30-mile corridor targeted to be up to one mile wide from Green Valley to Rio Rico.

- **Major Activities**

- Focus on Phase 1 reconfiguration of node placement.
- Initiated contact with ADOT for requisite permits.

Task 2 – Verify Design, Assign Participants and Establish Evaluation Metrics. . (about 60% complete)

Work with ATIC to verify design, assign participants, establish evaluation metrics and implement reporting and management processes and related activities with stakeholders (e.g., state agencies, first responders, WI-VOD, ABLE and others). ATIC will engage community stakeholders to help ensure viability of the project after the grant expires.

- **Major Activities**

- Working with DPS, ADOT and other personnel to define points of contact and levels of participation.
- Contracts for access to premises being negotiated.

Task 3 – Connect the Middle Mile to Vehicle Access Points. (about 20% complete)

Extend the connection from the Middle Mile and Internet access to the vehicle access points; not including the deployment of vehicle equipment.

The second part of this task includes the activities required to identify, make operational and deploy the vehicles to be used as mobile access points.

- **Major Activities**

- Met with DPS representatives to identify level of vehicle participation.
- Engaged various school boards, businesses and community organizations.

(over)

Task 4 – Add Layered and Scaled Security.

Add layered and scaled security and advanced applications to existing wireless environments.

This task includes working with the appropriate IT personnel to allow for creation of VPNs if necessary and to provide for interagency communication.

Task 5 – Progress and Final Reports Against Project Goals and Requirements.(about 30% complete)

Report against project goals and requirements defined by ATIC regarding scalable security, self sustainability (commercial and governmental), system performance and conformance to project schedules and budget.

- **Major Activities**

- Submitted SF269 Report to OHS fo no activity ending on October 31, 2004.

Task 6 – Establish Final Governance, Oversight Roles and Responsibilities

- **Major Activities**

- Teleconference and status report to Federal ITEP management team.
- One meeting and presentation to ITEP Steering Committee (aka Public/Private Advisory Board)
- Expanded the draft “ATIC DHS WiFi Security Project Contact List.”

Task 7 -- Finish final Operational Roles and Responsibilities

Task 8 -- Operate and Maintain the Corridor

Task 9 -- On-Going Governance, Oversight and Reporting Activities

**Time Frame**

Work shall begin as soon as possible after the funding authorization date of September 17, 2004. The final date of grant funding is July 31, 2005.

Services shall be provided for the twelve months following the date that 60% of the services defined below are provided. The date of completion is the end date of this defined twelve months of services.

**Schedule and Deliverables**

1. Continuous access to the antennas placed along the 30-mile corridor
  - A. 3/1/2005 – 3/31/2005 – 30% complete
  - B. 4/1/2005 – 4/15/2005 – 60% complete;
  - C. 4/15/2005 – 4/30/2005 – 100% complete
2. Mobile access points placed and operational
  - A. 3/1/2005 – 3/31/2005 – 30% complete
  - B. 4/1/2005 – 4/15/2005 – 60% complete;
  - C. 4/15/2005 – 4/30/2005 – 100% complete
3. Timely reports as defined in the Project Plan pertaining to the requirements in Task 5 above.