

Rajant Demonstration in Arizona

Successful BreadCrumb® Product Testing and Demonstration in the Deserts of Arizona

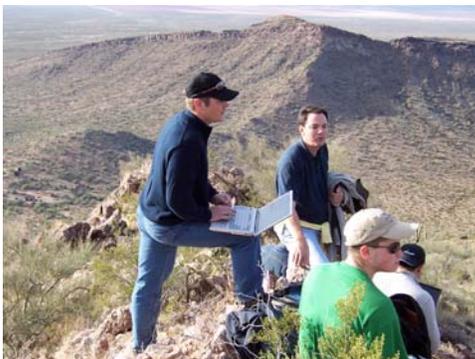
The staff at Rajant Corporation greatly appreciates the support and response of our customers, partners and resellers during the annual testing and demonstration exercise in Aguila, Arizona. The weeklong conference took place December 5 – December 9, 2005 at Robson's Mining World, located 30 minutes from Wickenburg, Arizona.



The conference consisted of Rajant product testing and demonstrations as well as partner demonstrations made viable through the use of Rajant's wireless network. Rajant Corporation's wireless network systems are portable, mobile, battery powered, self-integrating, self-meshing, self-healing, full duplex, secure, 802.11b access points.

The purpose of the product testing was to demonstrate the functionality and capacity of Rajant's portable, wireless networks in various situations such as open space (clear line of sight), within buildings, on slopes and within moving vehicles, all while running various applications such as audio, video and normal data traffic. The following partners and customers took part in the testing exercises:

- Rotomotion – UAV Rotary Wing Helicopter
- AirFortress – Security
- Mercury Data Systems – Denied GPS
- Joint Information Operations center (JIOC) – Security testing purposes
- EMX – Infrared Camera
- MITRE– functionality, range and throughput testing purposes
- VerdaSee Solutions – RFID
- SWE-DISH – Internet connectivity through satellite
- Anvil Technologies – DVR



Checking email on top of the mountain



Access point 800 feet above ground level

The large-scale exercise on the morning of Thursday the 8th consisted of a manned helicopter flying over the mining town and surrounding hills. There was a Rajant BreadCrumb® attached to the helicopter as well as a Sony DVDCam. The helicopter circled the Mining Town at a radius of 700 feet and height of 1000 feet. On the ground, a laptop streamed video captured from the DVDCam. The purpose of the exercise was to test various network functionalities, radio properties and behavior of the entire network when one of the access points is mobile and moving at high speeds. The exercise was a success as the BreadCrumb® mounted to the helicopter maintained strong connectivity with other BreadCrumb® units present in its transmission range.

A nearby mountaintop provided the setting for a range and connectivity exercise. Hikers placed a BreadCrumb® 800 feet above ground level and used the connectivity with the Mining Town below to place VoIP calls to co-workers and family thousands of miles away. Other hikers browsed the internet and checked intranet emails.

The BreadCrumb® networks also successfully underwent rigorous security testing by members of the Joint Information Operations Center (JIOC). Details of this testing will be released by JIOC at a later date.

In addition to the large-scale testing and demonstrations there were demos from partners using the Rajant network as a backbone for various products. Some of these demos included infrared cameras, satellite connectivity, denied GPS tracking, and DVR streaming video onto individual PDAs.

The staff at Robson's Mining World was gracious and provided excellent lodgings and accommodations. For more information on the demonstrations or to speak with someone regarding upcoming events, please contact Jena Dunn with Rajant Corporation at 484-582-2200.



BreadCrumb® WE



View of Robson's Mining World from the helicopter



Watching streaming video from the helicopter

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