

# Rajant Corporation Aids in Tsunami Disaster Relief

Thai refugees make phone calls worldwide, body recovery center able to digitally send pictures via network to ID center



Bob Schena, Chairman and CEO of Rajant Corporation, is proud to announce that Rajant has taken an active role in aiding the tsunami disaster relief effort. This month, Rajant sent two employees along with company equipment to the city of Phuket, Thailand.

Barry McElroy and Chad Bowen arrived in Thailand in early January along with several faculty members of the Naval Postgraduate School. Once onsite, they were able to establish portable, wireless networks in the Bang Muang refugee camp and the Young Yao Temple identification and reclamation center. Despite the absence of any existing telecommunications infrastructure, the BreadCrumb® systems were set-up and operational very quickly. The networks utilized a satellite uplink to provide much needed wireless broadband access and internet reachback capability. The BreadCrumb® networks have supported 60

to 70 simultaneous users at any given time with the majority of them using Internet Voice over IP (VoIP) calling services to make phone calls all over the world. In the identification and reclamation center, the network provided the capability to send DNA information back to the US for body identification. The network in the refugee camp provided medical personnel and camp administrators access to the internet as well as provided communication capabilities to friends and family for those searching for missing relatives.

Users of the network include the Royal Thai Army, refugees, non-governmental relief agencies, and fellow aid supporters. There has been exceptional feedback regarding the quality of connection and users have expressed appreciation for the internet and phone capability. Barry and Chad have returned from Thailand but the company equipment will remain indefinitely, or until it is no longer needed by the Royal Thai Army in the relief effort.



BreadCrumb® located at Young Yao Temple identification and reclamation center in the city of Khao Lok. There were a total of three BreadCrumb® used to establish the network which was connected to the internet via a satellite uplink.



BreadCrumb® attached to existing structure in the refugee camp also located in the city of Khao Lok. This BreadCrumb® meshed to one other BreadCrumb® in the administrative building located 300 meters away. This network also provided internet access via satellite uplink for the refugee camp.

Barry McElroy is a retired Chief Warrant Officer of 22 years in the Army Special Forces. His mission specialties include both high altitude parachuting (HALO) as well as underwater operations (SCUBA). Barry has extensive military experience in SE Asia, Europe, and the Caribbean. He has been with Rajant for over two years.

Chad Bowen is the newest addition to the Rajant team and is a former Army Captain and West Point graduate. He has extensive knowledge of force protection and security assessment and comes with vital knowledge regarding counter-terrorism tactics. Chad has served in Europe and the Middle East, most recently completing eighteen months as a member of the Central Command joint staff.

Rajant would like to thank the Royal Thai Army, non-governmental relief agencies, fellow aid supporters, and the Naval Postgraduate School for contributing time and support in this important endeavor. For more information or to speak with someone regarding Rajant equipment and application, please contact the offices of Rajant Corporation at 484-582-2200.



The Bang Muang refugee camp in Khao Lok, Thailand held more than 4,000 displaced persons, most of whom lived in tents such as these.



The tsunami forced this 50' police cruiser to break its mooring and come to rest more than two kilometers inland.

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