

Case Study

SMARTIC Corp. Meets Urgent Deadline for Colombian WiFi Network Deployment



Customer Profile

Customer: SMARTIC Corporation
Location: Miami FL and
Bogotá Colombia
Industry: Network Design
and Installation

Challenge

- Locate a WiFi antenna that meets the technical requirements
- Deliver a large quantity of antennas in a short time frame

Solution

- Off the shelf 2.4 GHz Antenna Array - HK2417-120

Results

- Met aggressive deployment deadline
- Met price targets of the customer
- Met technical requirements

Challenge

SMARTIC Corporation offers telecommunication solutions and the servicing and distribution of equipment throughout the United States and Latin America. SMARTIC is recognized as being a leader in new technologies and for its strong commitment to developing green solutions. As the result of its own research, SMARTIC has developed important advances in areas such as communications, software, hardware, information security, data transmission, facial recognition and Voice over IP (VoIP) among others.

SMARTIC won a contract with the country of Colombia to deploy metropolitan WiFi networks to include over 500 subscriber points over several urban cities. The design called for wide, 360 degree coverage using the 2.4 GHz frequency band. The extended coverage area of the project required more than 100 antennas to be deployed.

Additionally, the Colombian government had an aggressive time frame for the network completion and was counting on SMARTIC to find a supplier with both a product that met the technical requirements and that had immediate availability of a relatively large quantity of antennas. SMARTIC found that very few vendors offered the type and quantity of antenna needed for this project until they turned to L-com.

Solution

After reviewing SMARTIC's technical needs for the network deployment, L-com positioned its HK2417-120 antenna array to satisfy the requirements. L-com was able to meet the technical, pricing and delivery requirements to support SMARTIC's commitment to the Colombian Government for meeting the installation schedule.

Results

SMARTIC was able to meet the aggressive deadline set forth by the Colombian government for the WiFi network deployment as well as meet their price targets and technical requirements using L-com's off the shelf antenna array providing the people of Colombia with WiFi network access for business, education and entertainment.