



Product Design Case Study



Wall mounted Beacon Point antenna

Background

Chantry Networks provides customers with wireless connectivity solutions that seamlessly integrate with their existing IP infrastructure. Their product offerings include the rack mountable BeaconMaster controller product as well as Beacon Point antennas.

Chantry approached Design Interpretive for help in the design and development of their antennas units.

Challenge

Chantry requested six industrial design concept solutions. All aspects of deployment and commissioning were considered in the design of the Chantry Networks' Beacon Point product including lightening-fast install times and protection against security concerns such as vandalism and theft. Driven by an innovative network architecture brainstorming sessions with the client led to new and improved techniques for deploying network elements of this type. Combined with sound product design approaches Design Interpretive delivered a highly successful and cost effective product solution that will soon become a common fixture on walls and ceilings of university and corporate campuses across North America.

Process

Concept illustrations were generated for presentation purposes and a full scale working prototype was created for the wireless conference, Interop 2003. With the help of Design Interpretive Chantry was chosen as a finalist for Best-in-Show. Today Chantry Networks is now a Siemens company and continues to deliver on the promise of wireless mobility to customers across North America.

