

WIRELESS

Bechtel's customers count on us to meet their schedule and cost objectives. Globally, we have deployed over 115,000 new build, overlay, and upgrade cell sites.

Bechtel has played a pivotal role in the explosive growth and evolution of wireless technology by delivering UMTS, GSM, WiMAX, CDMA, E911, and next generation networks for our clients.

Our turnkey deployment approach integrates a variety of disciplines—network planning, RF engineering, site acquisition, site engineering, procurement, construction, equipment installation, and optimization—to quickly and efficiently deliver results.

HIGHLIGHTS

- » Improved GSM/GPRS coverage for rail passengers along 3,000 km of U.K. commuter lines
- » Provided network/RF planning and program management support for 3G network rollout in Australia
- » Assisted in planning and network testing for the phased merger of two major U.S. GSM networks
- » Completed more than 8,500 new sites in a 3-year period for a major U.S. carrier
- » Designed /upgraded service on over 33,000 GSM overlays, 17,100 E911, and 13,270 UMTS upgrades for a major U.S. carrier
- » Constructed more than 12,000 overlay and new-build sites in 1 year for a U.S. carrier, providing enhanced GSM service throughout the U.S.
- » Provided support for the deployment of infrastructure for the 2006 Asian Games

KEY PROJECTS

AT&T MOBILITY (FORMERLY CINGULAR WIRELESS)

Overview: A network transformation program adding GSM capacity to every site in the AT&T Mobility network. Bechtel performed program management, site acquisition, engineering, procurement, and construction.



AT&T WIRELESS

Overview: A national deployment program for phased deployment of GSM, E911, and UMTS. Bechtel performed nationwide program management, RF design, site acquisition, engineering, procurement, construction, equipment vendor coordination, and optimization services on the entire AT&T wireless network.



VIVATEL

Overview: A project to improve mobile coverage across Bulgaria. Bechtel performed program management consulting, work process mapping and enhancement, training and direct supervision of Vivatel employees, as well as maintenance of the project schedule and prioritization of work.



8/2010 9095



BECHTEL POWER

Frederick, Maryland USA
301-228-8609
bechtel.com

San Francisco

Houston

London

Brisbane