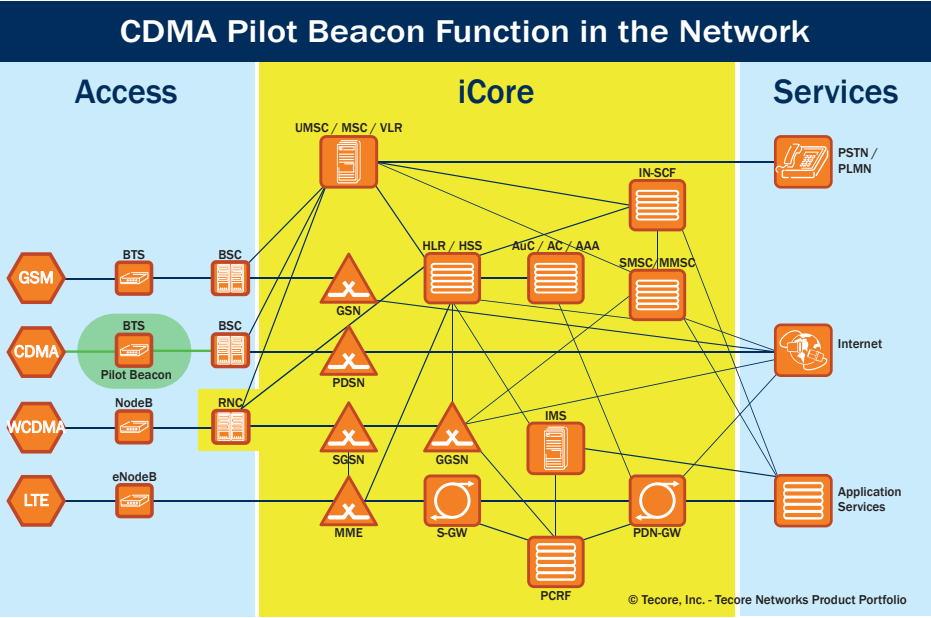


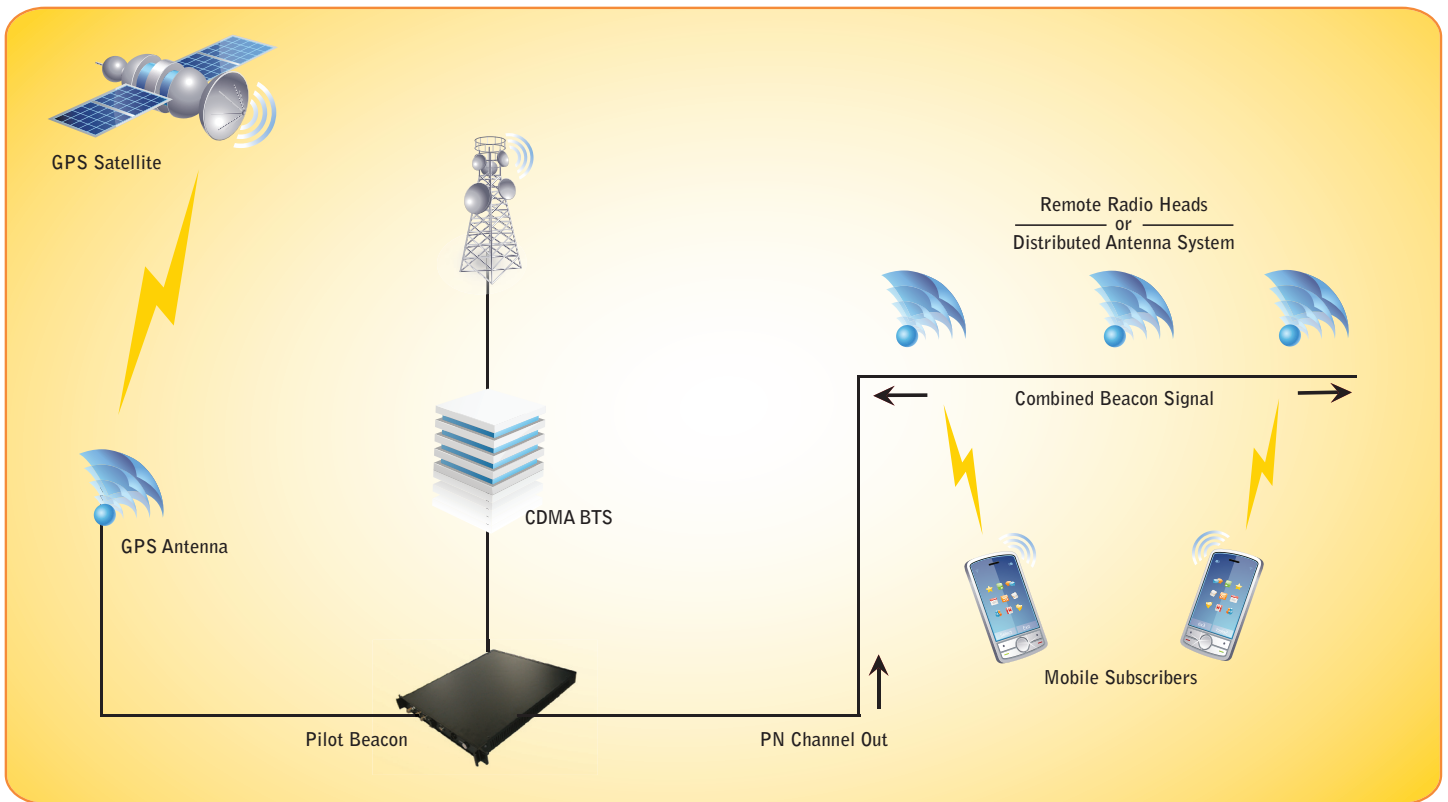


The iBSS CDMA Pilot Beacon enables network operators to make more efficient use of scarce spectrum resources. By forcing the service redirection of idle mobiles entering the area to a single selected frequency, the Pilot Beacon collapses the network from multiple channels to a single operating frequency. Additionally, deployment of Pilot Beacons improves location accuracy of mobile devices, for location-based services (LBS) or public safety purposes.

Fully compliant with 3GPP2 standards and compatible with all CDMA devices on the market, the Pilot Beacon is also capable of supporting multiple CDMA networks, continuously broadcasting in each operating frequency band of each operator providing service in the coverage area. As a constant broadcast network element, it transmits the minimum required CDMA information on each channel simultaneously to redirect devices independently to another system within the network. The Pilot Beacon transmits the Pilot, SYNC and Paging Channels at a given frequency, with the proper timing and the appropriate messaging to the mobile in support of the overall service redirection functionality.



- #### Features
- Compliant with 3GPP2
 - Eight configurable channels per unit, transmitting simultaneously
 - Support for multiple frequency bands including 800, 1900 and 2100 MHz
 - Multiple SIDs / NIDs on different frequencies on the same unit
 - Capability to redirect devices from a specified CDMA system to an alternative CDMA system
 - Mountable in a 19" (1U) rack and stackable



Technical Specifications

RF	Air Interface	I-95 A/B, CDMA2000 1xRTT
	Frequency Bands	800 MHz 1900 MHz 2100 MHz
	Composite Transmit Power	0 to +20 dBm, 0.5 step resolution
	Timing Reference	External GPS, 1 Pulse Per Second, External Even Second Sync
	Number of Simultaneous Channels	8
	Channel Types	Pilot Channel SYNC Channel Paging Channel
MANAGEMENT	OAM&P	Command Line Interface (CLI) Graphical User Interface (GUI)
	SNMP	v2
	Interface	RJ45, COM1, COM2
	Software Upgrades	Local Remote
POWER SUPPLY	AC	120-240 V AC
ENVIRONMENTAL	Operating Temperature Range	-5°C to +45°C (23°F to 113°F)
PHYSICAL	Dimensions	1.73" h x 18.09" w x 16.68" d (4.39cm h x 45.95cm w x 42.37cm d)
	Weight	8 lbs (3.63 kg)