MovingMedia® 2000 iCell PICO IP RAN

WALL MOUNT PICO CELL

THE UTSTARCOM MOVINGMEDIA® 2000 iCELL PICO IP RAN ENABLES SEAMLESS INDOOR WIRELESS COVERAGE VIA COST-EFFECTIVE IP NETWORKS

- **ENABLES CAMPUS-WIDE INDOOR WIRELESS COVERAGE**
- **LEVERAGES LOW-COST IP NETWORKS**
- **FEATURES A COMPACT DESIGN FOR EASY DEPLOYMENT ANYWHERE ON CAMPUS**
- **SUPPORTS CDMA2000 1X VOICE AND HIGH-SPEED PACKET DATA**

The UTStarcom MovingMedia® 2000 iCell Pico IP RAN provides a high-performance, cost-effective solution for operators seeking to offer indoor campus-wide wireless roaming. Designed for use with UTStarcom's comprehensive MovingMedia 2000 product suite for CDMA2000 third-generation (3G)-based wireless networks, this powerful base transceiver station (BTS) leverages flexible, low-cost IP networks, enabling operators to offer a single handset solution to corporate customers.

ENHANCES WIRELESS COVERAGE

With the Pico IP RAN, an operator can enable wireless service in campus locations previously without coverage, while providing seamless handoffs to currently served areas. This provides the enterprise with a wide variety of benefits, including increased productivity and response time, leading to improved customer service and profitability.

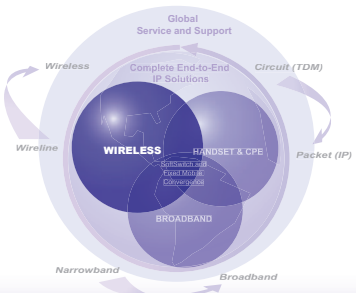
Other applications enabled by the PICO IP RAN include in-flight voice and data communications and disaster recovery situations.

COMPACT DESIGN

Featuring a sleek, compact design, the Pico IP RAN delivers high capacity in a small form factor. Due to its small size, the Pico IP RAN can be mounted practically anywhere in a campus location – on a wall, shelf, even hidden in the ceiling.

POWERFUL FEATURES

Each Pico unit consists of an integrated circuit board with up to six CSM5000 base band processors and a radio frequency (RF) board, which supports Tx/Rx-main and Rx diversity antenna connectors. The PICO unit supports 3 sectors with 100mw per sector.



Technical Specifications

CAPACITY

Up to 192 channel elements (pooled)

Up to 100 mW output power per sector

BAND SUPPORT

Band Class 0:Tx:869–894 MHz, Rx:824–849 MHz

Band Class 1:Tx:1930–1990 MHz, Rx:1850–1910 MHz

Band Class 5 Block A:Tx:462.5–467.5 MHz, Rx:452.5–457.5 MHz

INTERFACES

RF Connections:	Main antenna (SMA-F), diversity antenna (SMA-F)
Ethernet:	100BASE-T (RF-45)
Timing:	LVDS PP1S input (RJ-45 shared with Ethernet)

HARDWARE

Dimensions:	1.75in (H) x 19in (W) 25in (D) for rack-mount unit (1U) (10in (H) x 12.5in (W) x 7.5in (D) for wall-mount unit)
Input Power:	50 W, 110 to 220 VAC wall mounted (-48 VDC rack mounted)
Local Display:	Status LEDs

ENVIRONMENTAL

Temperature:	23°to 122°F (-5°to 50°C) operating
Humidity:	5 to 95% noncondensing

COMPLIANCE

FCC Part 22 or 24 (as applicable)

FCC Part 15 Class A

IS-97D

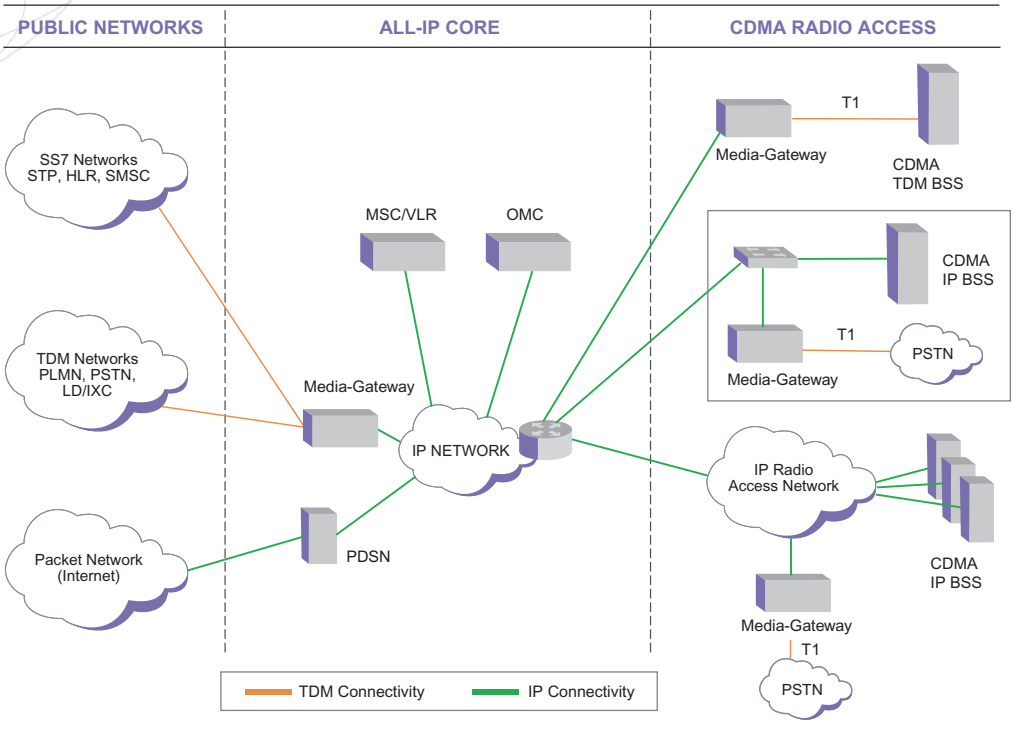
UL 60950-1

cVL

PROTOCOL SUPPORT

OA&M interface:	SNMP v2c
Core Network:	IP
Voice traffic:	RTP
Signaling:	IOS/IP
Media control:	MGCP

CDMA2000 - EVOLUTION TO ALL-IP NETWORK



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About UTStarcom, Inc.

UTStarcom is a global leader in IP-based, end-to-end networking solutions and international service and support. The company sells its broadband, wireless, and handset solutions to operators in both emerging and established telecommunications markets around the world. UTStarcom enables its customers to rapidly deploy revenue-generating access services using their existing infrastructure, while providing a migration path to cost-efficient, end-to-end IP networks. Founded in 1991 and headquartered in Alameda, California, the company has research and design operations in the United States, China, Korea and India. UTStarcom is a FORTUNE 1000 company. For more information about UTStarcom, visit the company's Web site at www.utstar.com

WS-DS-0083-PICOIPRAN-1006