MovingMedia® 2000 iCell sBSC

SOFT BASE STATION CONTROLLER

THE UTSTARCOM MOVINGMEDIA® 2000 SOFTWARE-BASED iCELL sBSC LEVERAGES COST-EFFECTIVE IP NETWORKS TO EFFICIENTLY CONTROL BASE TRANSCEIVER STATIONS IN A UTSTARCOM ALL IP-BASED CDMA NETWORK

- **LEVERAGES LOW-COST IP NETWORKS**
- **MODULAR ARCHITECTURE ENABLES SCALABLE GROWTH**
- **SOFTWARE-BASED SOLUTION SUPPORTS DISTRIBUTED CONFIGURATION**
- **INTEGRATED PCF FOR PACKET DATA SUPPORT**

The UTStarcom MovingMedia® 2000 iCell Soft BSC provides effective control of base transceiver stations (BTS) in UTStarcom's All IP-based Radio Access Network (RAN) infrastructure. A key component of UTStarcom's MovingMedia 2000 solution, this software-based base station controller (sBSC) leverages the flexibility and ubiquity of IP networks, allowing wireless operators to reduce dependency on expensive backhaul transport.

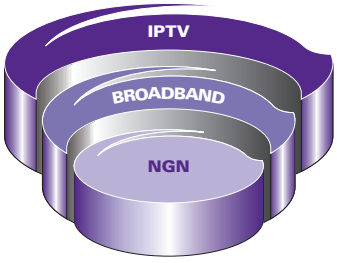
The ability to distribute BSCs provides a variety of benefits, including the ability to situate resources locally, eliminating long backhaul connections to a central BSC. Additional backhaul savings are achieved due to the separation of vocoders from the BSC platform. In a UTStarcom Radio Access Network, vocoders reside in MovingMedia 2000 Sonata SE – Intelligent Media Gateways, which can be located only at points where connections to the Public Switched Telephone Network (PSTN) are required.

POWERFUL FEATURES

The sBSC supports both Pico and Macro IP BTS from UTStarcom. As a rack mounted unit, it can be mounted anywhere in the enterprise and connected to an IPnetwork to support multiple Pico units. For wide-area coverage solutions, sBSC can also be mounted inside the iCell Macro cabinet.

The Soft BSC communicates with the MovingMedia 2000 iCell Macro IP RAN via an enhanced version of the Abis protocol based on CDMA2000 BTS-BSC interoperability TIA/EIA/IS-828 specifications.

Other enhanced capabilities include an integrated Packet Control Function (PCF), Interoperability Specification (IOS) protocol support to provide A1 signaling between UTStarcom IPRAN and Mobile Switching Centers (MSCs) and an MGCP interface to control user traffic.



Technical Specifications

HARDWARE

Dimensions:	1U 19”rack mount unit - with dual hot-swap SCSI drives
Interface:	100/1000 Mbps Ethernet
Power:	110-220 VAC or -48 VDC

PROTOCOL SUPPORT

Core Network:	IP
Voice traffic:	RTP
Signaling:	IOS/IP
Media control:	MGCP
Packet data:	GRE/IP

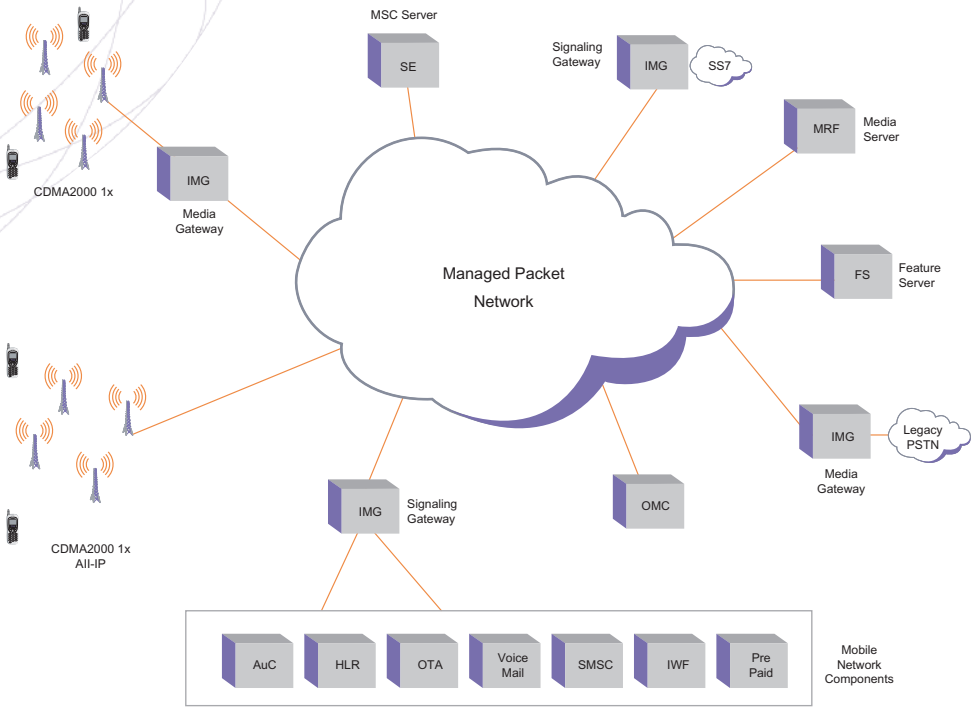
COMPLIANCE

Interoperability Specification IOS 4.0 .1

ENVIRONMENTAL

Temperature: 32° f to 106° f (0° to 40° c)
Humidity: 5% to 95% non-condensing

DISTRIBUTED IP-BASED WIRELESS ARCHITECTURE



UTStarcom, Inc. USA
1275 Harbor Bay Parkway
Alameda, CA 94502 USA
Tel: 510-864-8800
Fax: 510-864-8802

www.utstar.com

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-0084-SBSC-0308