MovingMedia® 2000 iCell EVDO RNC

RADIO NETWORK CONTROLLER FOR CDMA2000 EVDO NETWORKS

THE UTSTARCOM MOVINGMEDIA® 2000 SOFTWARE-BASED iCELL sRNC LEVERAGES COST-EFFECTIVE IP NETWORKS TO EFFICIENTLY CONTROL RADIO NODES IN A UTSTARCOM ALL IP CDMA EVDO NETWORK

- **MODULAR ARCHITECTURE ENABLES SCALABLE GROWTH**
- **SOFTWARE-BASED SOLUTION SUPPORTS DISTRIBUTED CONFIGURATION**
- **STANDARD RP NETWORK INTERFACE**
- **SUPPORTS CDMA 2000 EVDO REV-0 EVDO REV-A**

The UTStarcom MovingMedia® 2000 iCell RNC provides effective control of Radio Nodes (RN) in UTStarcom's All IP-based Radio Access Network (RAN) infrastructure. A key component of UTStarcom's MovingMedia 2000 solution, this radio network controller (RNC) leverages the flexibility and ubiquity of IP networks, allowing wireless operators to reduce dependency on expensive backhaul transport.

The ability to distribute RNCs provides a variety of benefits, including the ability to situate resources locally, eliminating long backhaul connections to a central RNC.

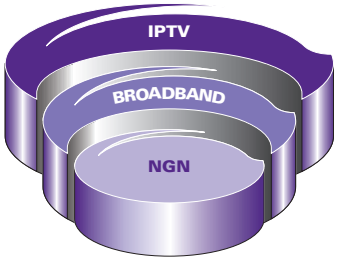
UTStarcom's MovingMedia 2000 EVDO solution provides a flexible architecture that allows the ability to keep VoIP traffic at the edge of the network, thus reducing the backhaul and latency seen in other solutions.

The UTStarcom EVDO solution leverages the same distributed architecture philosophy of our 1xRTT solution. This allows for the easy combination of both 1xRTT and EVDO networks. Current 1xRTT customers have a direct migration path to EVDO while Greenfield customers have the ability to leverage both 1xRTT and EVDO capabilities from the onset.

POWERFUL FEATURES

The RNC supports both Pico and Macro IP-Radio Nodes from UTStarcom. As a rack mounted unit, the RNC can be mounted anywhere in the enterprise and connected via an IP network to support multiple Pico units. For wide-area coverage solutions, the RNC is mounted inside the iCell Macro cabinet.

The RNC contains an integrated Packet Control Function (PCF) for communications directly to a Packet Data Serving Node (PDSN).



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:	VoIP (Service Option 67)
Signaling:	IOS/IP
Packet data:	GRE/IP

COMPLIANCE

Interoperability Specification IOS 4.0 .1 - HRPD

ENVIRONMENTAL

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

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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

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