

Total Control® 200 HA

HOME AGENT

COST-EFFECTIVE CDMA WIRELESS CAMPUS/ ENTERPRISE SOLUTION IN A COMPACT PCI FORM-FACTOR



- **HIGH CAPACITY**
- **SUPERIOR DENSITY**
- **PEAK AVAILABILITY**
- **EASY SCALABILITY**
- **3G SOLUTION PLATFORM**

The Total Control® 200 HA provides a cost-effective, high-performance solution for wireless corporate campus data connectivity. It offers the same performance, feature and reliability of the Total Control 1000 HA contained in a single cPCI blade.

The industry standard cPCI form-factor of the Total Control 200 HA allows for installation into a cPCI chassis, such as UTStarcom's MovingMedia 2000 Sonata SE chassis or UTStarcom's Total Control 200 2-slot 1U cPCI chassis.

With this solution, CDMA wireless operators can provide wireless data and Voice over IP (VoIP) services to enterprises that require seamless roaming for their employees within a campus environment or from publicly accessible foreign agents outside the campus.

PROVEN TECHNOLOGY

The Total Control 200 HA is based on the widely deployed and field-proven carrier class Total Control 1000 platform that has been deployed throughout the world by major CDMA2000 wireless service providers since October 2000.

MOBILE IP

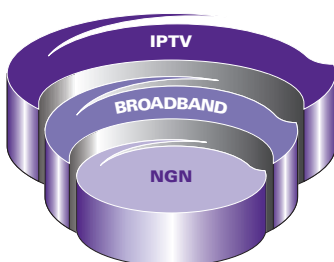
The network-node mobility that mobile IP offers can allow enterprises to roll out business applications on their wireless network without having to modify the application to adapt to the wireless network. Moreover, it could change how end users access their network services so that always-on services can be provided even as the user moves from network to network.

The Total Control 1000 Home Agent provides the one of the critical components needed by carriers to take advantage of the benefits that mobile IP brings.

PAVING THE WAY FOR 3G NETWORKS

In building on its background and successful deployment of technology for wireless data service providers, UTStarcom Corporation is now a global leader in the wireless data revolution and provides an end-to-end cdma2000 3G wireless solution.

Today, service providers look to UTStarcom for innovative, forward-thinking solutions that are used in wireless data networks around the world. UTStarcom continues to lead the industry as it creates new products and technologies for 3G wireless data networks.



Technical Specifications



SOFTWARE

Foreign Agent Interface	3GPP2 Standards-compliant Mobile IP to any Standard-compliant Foreign Agent, UTStarcom-Proprietary Mobile Proxy Agent to UTStarcom PDSN
Standards Support	IP, Mobile IP, L2TP, ICMP, SNMP, IP in IP, GRE, IPSec (56-bit/DES, 168-bit/3DES), IKE/ISAKAMP, Radius, SSH, Telnet, IS-835C
Capacity	10,000 total mobile sessions 80 Mbps aggregate throughput
Network Management	SNMP; CLI via telnet, SSH, or local RS 232 craft interface; GUI access via Java based management software
Advanced Features	Virtualized Home Agent Instances, Dynamic Mobile IP Update, Mobile IP Proxy Agent, VLAN Tagging, CDMA2000 to 802.11 Roaming, Dynamic DNS Update, Registration Revocation, NAT, Packet Filtering

HARDWARE

System

Dimensions	Peripheral card: H 23.335 cm (9.187 in.) x L 16.0 cm (6.299 in.) x W 1.6 cm (0.062 in.) Rear Transition Module: H 23.335 cm (9.187 in.) x L 8.224 cm (3.238 in.) x W 1.6 cm (0.062 in.)
Weight	Peripheral card: 1 lb Rear Transition Module: .5 lb
Current Drain	30W Maximum
Processor	IBM PPC 750 375 MHz
Hardware Encryption	VLSI ASIC encryption coprocessor capable of processing 3DES IPSec packets at wire speed
Memory	512 MB onboard 32 MB compact flash memory
Interfaces	2 Ethernet (10/100BASE-T) 1 RS 232 (local craft interface port)

Shipping and Storage

Temperature	-25 to 75° C
Relative Humidity	0 to 100% (non-condensing)

Operating Requirements

Temperature	0 to 50° C
Relative Humidity	0 to 95% (non-condensing)
Safety Certification	Complies with UL 60950-1 and c/UL Safety Standards when installed in a UTStarcom Sonata SE Chassis
Regulatory/EMI/EMC	Complies with FCC Part 15 when installed in a Sonata SE Chassis

Support

For an overview of worldwide support, visit <http://support.utstar.com>

Please note the information contained herein is for informational purposes only. Technical claims listed depend on a series of technical assumptions. Your experience with these products may differ if you operate the products in an environment, which is different from the technical assumptions. UTStarcom reserves the right to modify these specifications without prior notice. UTStarcom makes no warranties, express or implied, on the information contained in this document.

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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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WS-DS-0311-TC200HA-0308