

Total Control® 800 HA

HOME AGENT

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



- **MOBILE IP STANDARDS - COMPLIANT**
- **COST-EFFECTIVE**
- **SPACE-SAVING DESIGN**
- **FEATURE RICH RELIABLE**

The Total Control® 800 Enterprise Home Agent provides a cost-effective, high-performance solution for wireless corporate campus data connectivity for mobile IP enabled devices. It interfaces with UTStarcom PDSNs and other standards-compliant foreign agents to provide access to the mobile's home network even as it roams into other foreign networks.

It offers the same performance and reliability of the Total Control 1000 Home Agent card set in a sleek, rack-mountable 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. All the equipment necessary to provide these services is contained within the Total Control 800 enclosure, which can serve as a secure gateway into the corporate network.

Designed for installation at the enterprise premise, this powerful product integrates with corporate data intranet and to PBX systems via a media gateway. Each Total Control 800 system contains a compact Home Agent capable of supporting up to 10,000 Mobile Binding Records and up to 80 Mbps of throughput.

PROVEN TECHNOLOGY

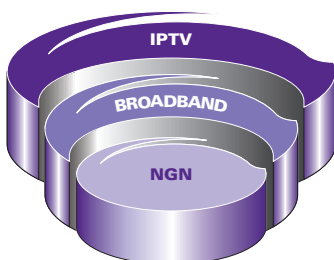
The Total Control 800 Home Agent is based on the widely deployed and field-proven carrier class Total Control 1000 platform that has been deployed throughout the world by major CDMA2000 wireless service providers since October 2000.

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 800 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.



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 CHASSIS

DIMENSIONS

- H 1.7 in.x W 17 in.x L 14 in., Rack Mountable

WEIGHT

- 11 lb (without power cord)

POWER

- Input voltage: 90-250 V AC
- AC Line Frequency: 50-75 Hz
- Current Drain: .75A

OPERATING REQUIREMENTS

TEMPERATURE

- Nominal: 0 to 40°C

RELATIVE HUMIDITY

- 5 to 85% (non-condensing)

SAFETY CERTIFICATION

- UL60950-1
- EN60950-1
- C-UL

REGULATORY/EMI/EMC

- FCC Part 15 Class A
- EN 55022 Class A

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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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- EN 50082-1
- EN 55024
- VCCI

TOTAL CONTROL 800 HA MODULE

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)

LEDS

- Run/Fail
- Boot status
- Software download status
- Power
- LANTX
- LAN RX

OPTIONAL FEATURES

- Rack Mount
- Rubber Feet
- Rack Mounting Ears

SUPPORT

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