

MovingMedia® SGSN6200

CARRIER CLASS GPRS SUPPORT NODE IN A TD-CDMA NETWORK

PROVIDES SESSION MANAGEMENT, TRAFFIC PROCESSING AND MOBILITY MANAGEMENT IN A STANDARDS-BASED 3GPP UMTS TDD NETWORK



- **HIGHLY SCALABLE SOLUTION**
- **CARRIER CLASS REDUNDANCY**
- **FLEXIBLE DEPLOYMENT CONFIGURATIONS**
- **INVESTMENT PROTECTION ENABLED BY OPEN STANDARDS**

MovingMedia® SGSN6200 is responsible for Packet Switched (PS) domain session management, traffic processing, and mobility management within UTStarcom's MovingMedia 6000 TD- CDMA wireless solution. The SGSN6200 provides multiple open interfaces that enable operators to deploy their network in a flexible way. The SGSN supports both fixed wireless and mobile operations by providing either 3GPP HLR/Charging Gateway interface (SGSN6210) or Radius interface (SGSN6220). The SGSN6200 has been designed with a forward-looking architecture based on UTStarcom's unified core network platform, which is proven as a flexible and high reliable carrier class platform. MovingMedia SGSN6200 offers a combination of robust performance, high capacity, flexibility and scalability that ensures rapid and cost efficient network deployment

CARRIER CLASS

MovingMedia SGSN6200 is based on UTStarcom's mature unified platform that leverages proven industry standards such as Compact PCI. Important telecom services such as high availability, redundancy, scalability and in-service upgrades are inherent in the SGSN6200. On-line upgrades guarantee service continuity. Advanced high availability and redundancy mechanisms, combined with hot-swap capabilities, provide carrier class stability and reliability.

SCALABILITY

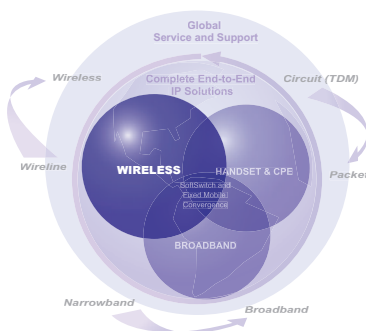
The modular design and scalable architecture of the SGSN6200 ensure smooth system expansion. Capacity of the SGSN6200 can be increased by adding more traffic application cards in the chassis. This enables operators to start small, and expand as their network grows.

INVESTMENT PROTECTION

MovingMedia SGSN6200 supports open standard interfaces, conforming to 3GPP specifications. Quality of services mechanisms defined in 3GPP are also supported, enabling operators to develop new services such as Voice over IP and Video over IP. The SGSN's future aware design assures a smooth migration to 3GPP R5.

COMPREHENSIVE SYSTEM

The MovingMedia 6000 SGSN is a key component of the UTStarcom MovingMedia 6000 3G TD-CDMA wireless communication system, a complete solution that enables mobile operators to offer next-generation broadband mobile data and VoIP services. The solution greatly increases air capacity and transmission speeds, allowing mobile operators to provide new revenue-generating offerings to subscribers. This highly scalable and upgradeable solution offers an ideal way for operators to reduce capital and operational expenses and ensure profitable revenue growth.



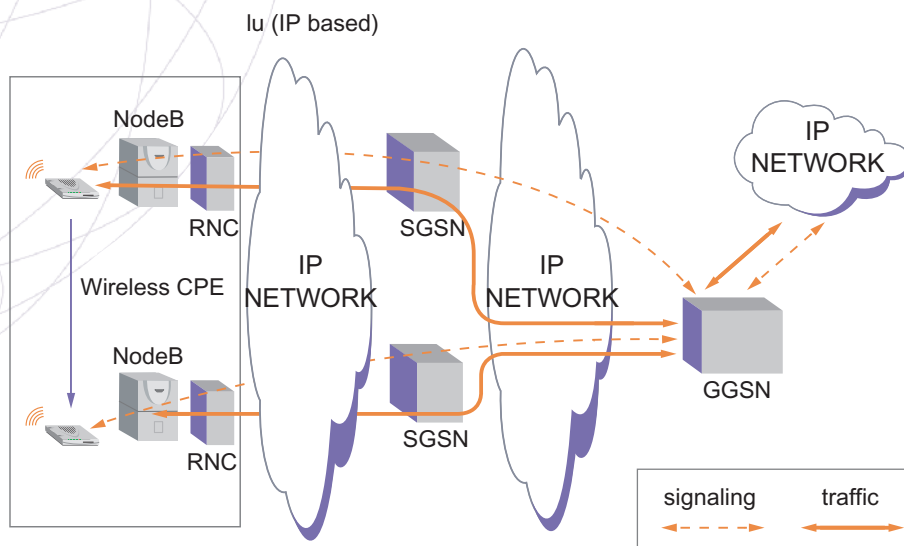
PARAMETERS

THROUGHPUT
PACKET FORWARDING CAPABILITY
MAX ACTIVE PDP CONTEXTS
APN QUANTITY
PHYSICAL INTERFACES
CHASSIS SIZE (H X W X D)
CHASSIS WEIGHT
TEMPERATURE
RELATIVE HUMIDITY
POWER CONSUMPTION

SPECIFICATIONS (For a fully configured SGSN with Master and Expansion Chassis)

2.8 Gbps
 1140 K packets per second
 50,000
 4096
 Iu/Gr/Gn/Gp/Ge :FE/GE
 622 mm x 483 mm x 381 mm (24.9in x 19.3in x 15.2in)
 Full load :30 kg/66 lbs Empty chassis :20 kg/44 lbs
 Normal operation: 0 ~ 45°C
 Saving : -25 ~ 70°C
 Normal operation : 5% ~ 90%, non-condensing
 Saving : <95%, non-condensing
 Supply: -48 VDC (-42 VDC ~ -56 VDC)

UTStarcom UMTS TDD (TD-CDMA) 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

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