



Mobile over WLAN Solution for GSM/GPRS Networks



The Kineto INC-550 I is the key component of the Kineto Mobile over Wireless LAN (MoWLAN) solution for GSM/GPRS network operators. The Kineto INC-550 I is a carrier-class core mobile network element that integrates with a service provider's existing voice (MSC) and data (SGSN) switching systems, and uses standard interfaces to extend high-performance mobile services out over IP access networks and WLANs. The Kineto INC-550 I manages and secures all subscriber access to mobile voice, data and multi-media services from various WLAN locations, and facilitates automatic seamless roaming and handover between licensed radio access networks and WLANs.

Kineto INC-550 I Highlights

- **Supports All WLAN Environments** The Kineto INC-550 I addresses all major WLAN deployment scenarios including home, office and hot spot locations and supports all major WLAN technologies including 802.11 and Bluetooth.
- **Delivers Seamless Mobile Service** The Kineto INC-550 I enables mobile users to enjoy transparent access to all mobile voice and data services including SMS, MMS and IMS. In addition, the solution supports seamless, automatic handover of active GSM voice calls and GPRS data sessions between WLANs and outdoor mobile networks.
- **Open, Standards-based IP Interface** The Kineto INC-550 I provides an open, standards-based interface to the IP access network. This unique, open approach provides operators with faster time-to-revenue and facilitates broad mobile device interoperability.
- **Carrier-Class Solution** The Kineto INC-550 I is a robust, highly-scalable carrier-class network element designed for deployment within central office environments. Developed with uncompromising resiliency, the Kineto INC-550 I meets the most stringent service provider requirements for reliability, availability and scalability.
- **Meets Security Requirements** As MoWLAN solutions leverage public IP access networks for service delivery, security is of the utmost importance. The Kineto INC-550 I employs 4 levels of security to prevent any unauthorized system access or service interruption. The Kineto INC-550 I leverages standard IP encryption technology as well as SSL and GSM authentication to ensure complete and reliable service security and privacy.

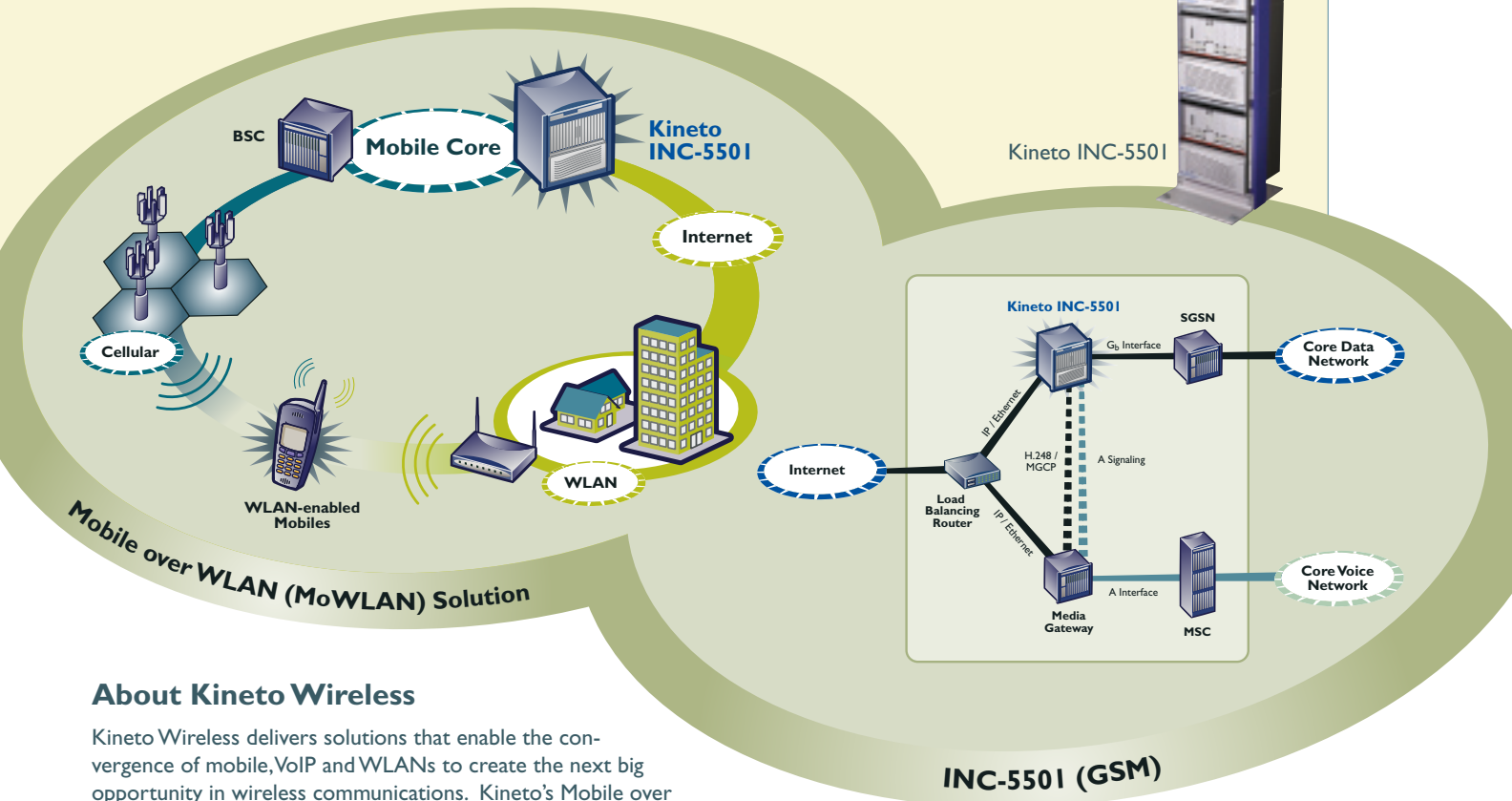
INC-550I SPECIFICATIONS

Chassis and Common Equipment

- 21-slots
- NEBS-certified
- Rear access for cabling
- Dimensions
 - Width: 19-inch rack mount
 - Height: 12U
- Redundant Ethernet switch blades
- Redundant administrative blades
- Redundant database blades
- Redundant power and cooling

Subsystems

- **Circuit Services Subsystem**
 - Controls all GSM circuit-mode services
 - Processes A interface signaling from MSC
 - Controls media gateway (H.248 / MGCP)
- **SS7 Signaling Subsystem**
 - Terminates A signaling interfaces from MSC
- **Security Services Subsystem**
 - Manages security over IP access network
 - Terminates SSL connection to each subscriber end point
- **Packet Services Subsystem**
 - Controls all GPRS packet-mode services
 - Terminates Gb links from SGSN



About Kineto Wireless

Kineto Wireless delivers solutions that enable the convergence of mobile, VoIP and WLANs to create the next big opportunity in wireless communications. Kineto's Mobile over WLAN (MoWLAN) solution enables service providers to deliver high-performance mobile voice and data services over WLANs located within homes, offices and hot spots at significantly lower cost than existing 2.5 and 3G mobile network technologies. As a result, subscribers can use their mobile phone as their primary, if not only, communications device. As an international company, Kineto Wireless does business with leading service providers, handset suppliers and infrastructure providers worldwide. For more information about Kineto Wireless, please visit www.kinetowireless.com.