SAMSUNG

SAMSUNG
Mobile WiMAX Solution

With **SAMSUNG Mobile WiMAX,**
you will be always on!

ALLways **ON**

SAMSUNG
Mobile WiMAX

Mobile WiMAX
The Way to Mobile Broadband

Deliver More value
Drive More revenue

Mobile WiMAX Benefits

Time To Market

Mobile WiMAX systems, devices and applications are already supplied to the market by the strong ecosystem. Providers can enjoy the time advantage over the competitive technologies for several years.
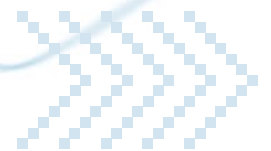
Cost Effective Solution

Simple 2-tier network lowers the CAPEX and OPEX and the advanced antenna technology delivers more bits for less money.

Enhanced Service Feature

The high speed mobile broadband delivered by Mobile WIMAX can vary the choice of contents and enhance the service quality. It will help increase ARPU and reduce churn.

SAMSUNG
Mobile WiMAX Solutions

ASN (Access Service Network)

Base Station

U-RAS Premium

- 3carriers / 3sectors Max.
- 2.3, 2.5GHz

Indoor   Outdoor

U-RAS Compact

- 1carrier / 3sectors Max.
- 2.3, 2.5GHz

Indoor   Outdoor

RU (Radio Unit)

U-RAS Flexible

- 2carriers / 3sectors
- 2.3, 2.5, 3.5GHz

DU (Digital Unit)

U-RAS Light Series 1

- 2carriers / Omni
- 2.3, 2.5, 3.5GHz

Indoor

U-RAS Light Series 3

- 1carrier / Omni
- 2.3, 2.5, 3.5GHz

Outdoor

* U-RAS : Universal Radio Access Station

ASN Gateway

ACR Standard

- Macro public

ACR Micro

- Enterprise & In-building

* ACR : Access Control Router

SAMSUNG has a complete portfolio of
Mobile WiMAX products to fit every business needs of operators.

Devices

Embedded Type

PDA (SPH-M8200)

- Mobile WiMAX + CDMA 1x EV-DO + TDMB
- Bluetooth
- Windows Mobile 5.0 PPC PE
- 2.8″ TFT LCD (touch screen)
- Dual Camera (2M + 0.3M pixel)
- Standard USB
- Bar Type

PDA (SPH-M8100)

- Mobile WiMAX + CDMA 1x EV-DO + TDMB
- Bluetooth
- Windows Mobile 5.0 PPC PE
- 2.8″ TFT LCD (touch screen)
- Dual Camera (2M + 0.3M pixel)
- Standard USB
- Slider Type

UMPC I (SPH-P9200)

- Mobile WiMAX + WiFi + HSDPA
- Bluetooth
- Windows XP
- 5″ TFT LCD (touch screen)
- Camera (1.3M pixel)
- QWERTY Keyboard

UMPC II (NT-Q1 Ultra)

- Mobile WiMAX + WiFi
- Blutooth
- Windows Vista
- 7″ TFT LCD (touch screen)
- Dual Camera (1.3M + 0.3M pixel)
- QWERTY Keyboard

PMP (SWT-W100K)

- Mobile WiMAX + TDMB + GPS
- Bluetooth
- Windows CE Net
- 4.3″ TFT LCD (touch screen)
- Dual Camera (2M + 0.3M pixel)
- Standard USB

Laptop (NT-Q45)

- Mobile WiMAX + WiFi
- Windows Vista / XP
- 12.1″ TFT LCD
- Camera (1.3M pixel)

Extenal Type

USB Dongle I (SWT-H200K)
- Mobile WiMAX
- Windows XP / Vista
- Standard USB

USB Dongle II (SPH-H1300)
- Mobile WiMAX + HSDPA
- Windows XP / Vista
- Standard USB

USB Dongle III (SPH-H1200)
- Mobile WiMAX + HSDPA
- Windows 2000 / XP
- Standard USB

PC Card (SWC-E100)
- Mobile WiMAX
- Windows XP / Vista, Mac OS
- PCI Express interface

PCMCIA Card (SPH-H1100)
- Mobile WiMAX
- Windows XP
- PCMCIA interface

CPE (SMT-M3000 Series)
- Mobile WiMAX
- Windows XP
- LAN / Standard USB

CPE (SMT-M5000 Series)
- Mobile WiMAX + WiFi
- VoIP
- Windows XP
- 2 LAN / Standard USB

Why SAMSUNG?

Commercial Experience

Many leading operators chose Samsung as their Mobile WiMAX partner and have successfully delivered mobile broadband services. Among them include KT's WiBro in Korea, the world's first Mobile WiMAX service, Sprint Nextel's XOHM in USA, the Mobile WiMAX Wave2 service. UQ Communications in Japan also selected Samsung for their Mobile WiMAX service. With rich experience and accumulated know-how, Samsung is always ready for your successful Mobile WiMAX business.
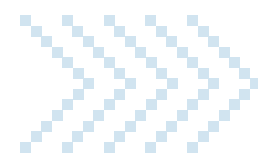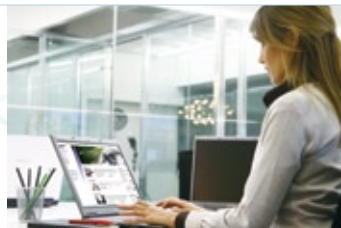
End-to-End Total Solution

Samsung provides a complete, end-to-end total solution from chipset to devices, ASN and CSN products. The wide range of products are already proven in the field, macro to micro environment including dense urban, urban, rural, enterprise building and campus. Our most optimized solution will meet your various needs economically and effectively.

Leadership in Mobile WiMAX

Apr. '08 Mobile WiMAX Wave1 products received the first WiMAX Forum Certified designation.
Jan. '08 World's first Mobile WiMAX 2.5GHz Wave2 soft-launch with Sprint Nextel.
Feb. '07 Wave2 MIMO & Beam Foaming demonstration at 3GSM World Congress, Barcelona, Spain.
Aug. '06 World's first 4G demonstration (1Gbps, 100Mbps) at Samsung 4G Forum, Korea
Jun. '06 World's first Mobile WiMAX commercial service with KT & SKT, Korea

Mobile WiMAX Network

SAMSUNG
Mobile WiMAX
ALLways ON

Macro Zone

U-RAS Premium U-RAS Compact U-RAS Flexible

Hot Zone

U-RAS Light Series 1

In-Building

U-RAS Light Series 3

IP Network

ACR Standard ACR Micro

ASN Gateway

www.samsungNetwork.com