

NEW

Secure and wireless broadband access

Mobile WiMAX

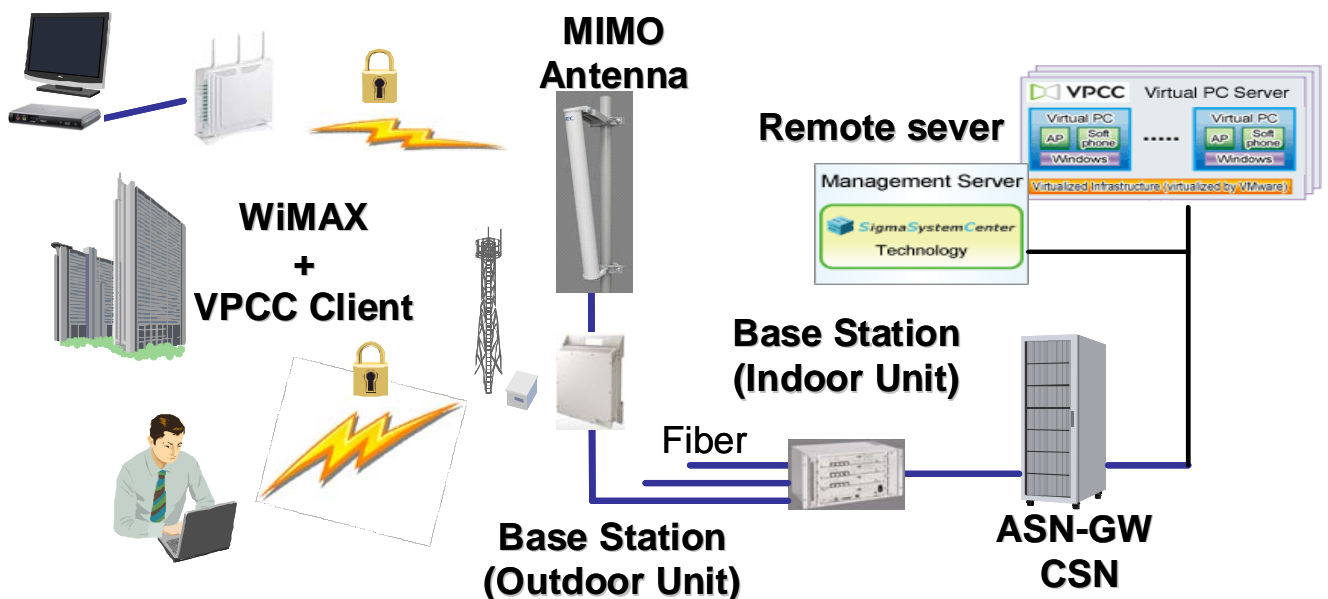
Open standard and value-add commercial ecosystem

Features

- WiMAX Forum Wave2 Certified Product (IEEE P802.16-2004 Cor2/D3 ,CRSL 2.0)
- 30 Mbps high bite rate and wide coverage using MIMO and advanced radio technology
- New business opportunity by integration of value-added and secure solutions
- Supporting various frequency and bandwidth requirements
- End to End QoS management and field proven mobility

Overview

- NEC PasoWings, designed for end-to-end service delivery, comprises of subscriber terminals such as computer connectable devices/peripherals, wireless access products such as base station and application servers such as user authentication servers or user positional information management servers. By combining PasoWings with secure and ECO IT system VPCC(Virtual PC Center), NEC can provide all elements in a single package. Introducing VPCC system and PasoWings can reduce power consumption on this system by a half.



PasoWings

Advantages

- Broad Interoperability WiMAX Forum Wave2 fully compliant system (MIMO-A/B)
- Low investment of wide coverage using high-efficiency Tx and smart radio management
- Flexible mobility management from fixed network to handoff environment
- Superior availability with redundant(1+1,N+1) system and C/M/U separation
- Supporting various frequency(2.3,2.5,3.5GHz) and bandwidth for global market
- Professionals service such as business planning, cell designing and optimization
- New revenue generation by introducing value add and secure solution on WiMAX

Application Examples

- Secure and low CAPEX solution by VPCC + WiMAX
- Mobile Video Surveillance by CCTV + WiMAX
- VoIP solution by SIP server + WiMAX
- Home Server Solution with PaPeRo,Lui + WiMAX
- Mobile Web Advertizing with Ultra Mobile PC + WiMAX

Environmental consideration point

- OPEX and CAPEX suppression of compliant to WiMAX Forum Wave2 CRSL 2.0
- Reducing 50% power consumption in radio equipment compared with the previous model

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