

ZyXEL

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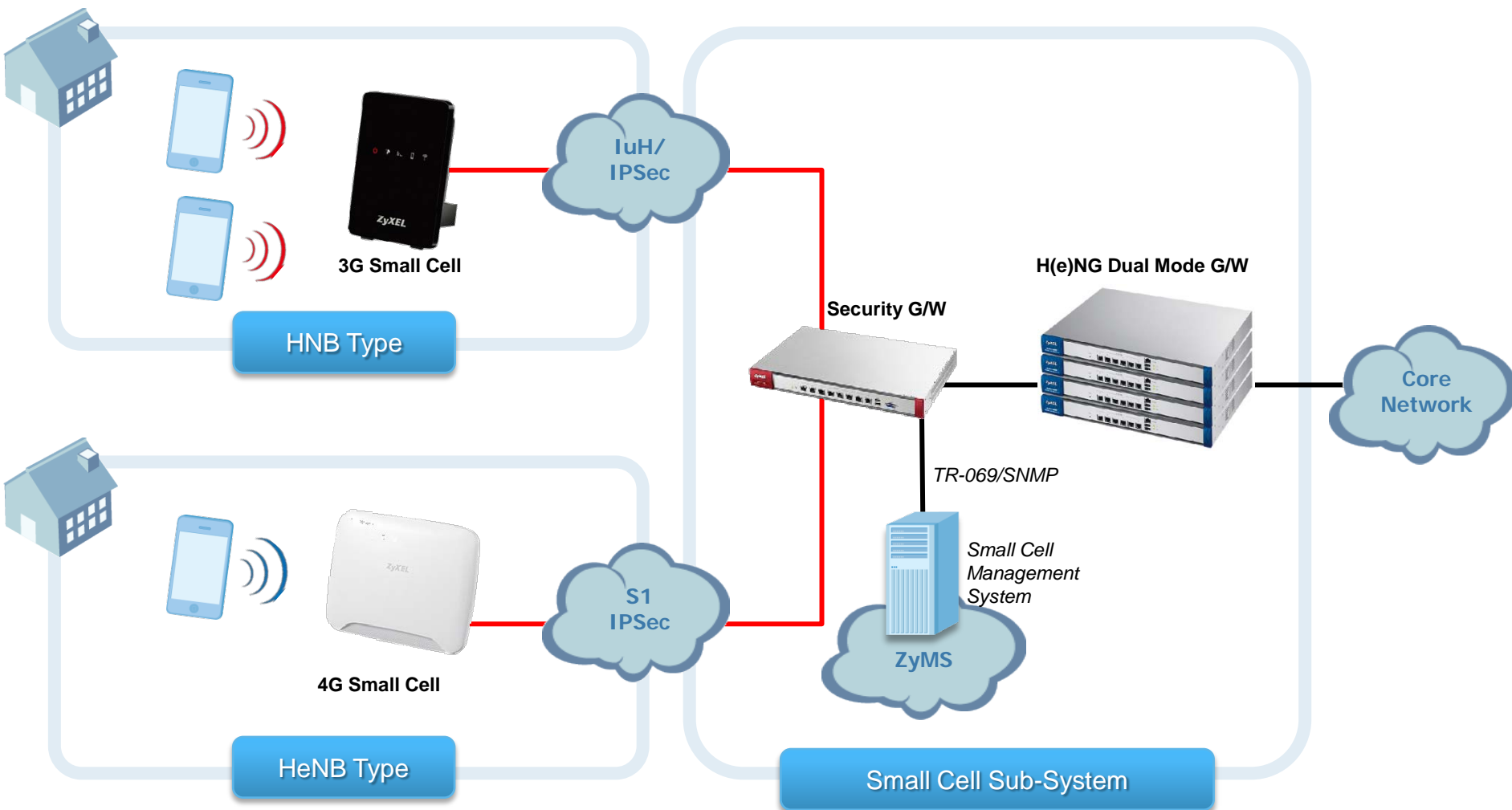
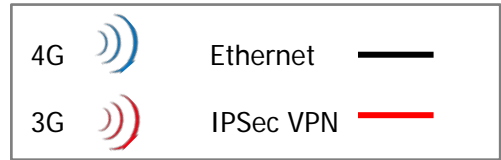
Make the World Connect

Mobile Access Solution

- **Small Cell Solution**
- Residential Solution
- Enterprise Solution
- BSDI Solution



LTE Mobile Broadband Small Cell Solution



FMT3211
Small Cell CPE



FMT3251
Wireless AC UMTS
Small Cell CPE



UMTS Small Cell

- 3GPP release 8 compliance
- HSDPA/HSUPA/HSPA+ support
- In-LAN high-speed Wi-Fi 802.11ac service with data rate up to 433 Mbps (FMT3251)
- Concurrent dual-band 802.11n 2.4/5 GHz (FMT3251)
- Simultaneous CS/PS calls
- Auto provisioning & optimization (Plug & Play)
- IP layer timing sync mechanism
- TR-069 remote management and firmware update
- Access control
- Congestion control
- Support handover between macro cell and small cell
- Femto-to-Femto handover
- Supports open, prioritized open and closed access modes

LMT3313
LTE Small Cell CPE



LTE Small Cell

- LTE 3GPP release 9 compliance
- Supports Voice over LTE and CSFB
- LTE dual-band software configurable B3 or B7
- Auto-provisioning & optimization (Plug & Play)
- IP layer timing sync mechanism
- TR-069/196 remote management and firmware update
- Access control
- Congestion control
- Supports handover between macro cell and small cell
- Femto-to-Femto handover
- Supports open, prioritized open and closed access modes
- PoE+ based on the configuration



FGW1000
H(e)NB Dual-mode
Gateway

H(e)NB Dual-mode Gateway

- Scale up to 10K subscriber sessions
- Support lUH/lU (lU-flex) for 3G and relay UE-associated S1AP and S1-flex to MME for 4G
- HNB/HeNB access control
- CSG/non-CSG subscriber support
- High Availability (HA)
- Support deployment run in S1 control data only or include S1 data traffic
- Paging Optimization
- Handover support



ZyMS

- HNB/HeNB provisioning
- Security gateway, 3G/4G dual-mode Small Cell gateway management
- Configuration, performance, and fault management

Key Features of Deploying Small Cell solution



- ❑ End-to-end small cell solution planning
- ❑ End-to-end small cell system integration service
- ❑ Complete product line of small cells with LTE, 3G and Wi-Fi support
- ❑ Security gateway with a minimum of 10,000 subscriber tunnels
- ❑ H(e)NB dual-mode gateway for 3G and LTE network control
- ❑ ZyMS (ZyXEL Management System) for centralized management of security gateways and H(e)NB dualmode gateways

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www.zyxel.com