

MMB  
**Wi-SUN**  
**SMART METER**  
Explained

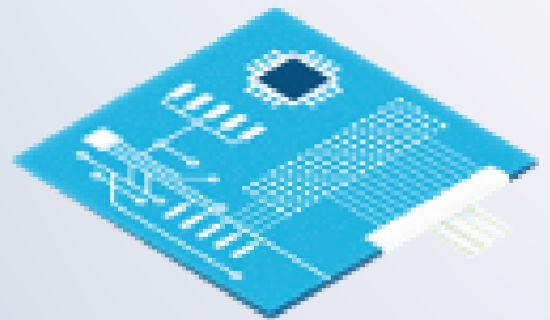


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The MMB Network Interface Card (NIC) integrates with the smart meter, using either a standard or custom connection, and provides an IP communications tunnel from the meter to the Wi-SUN network.



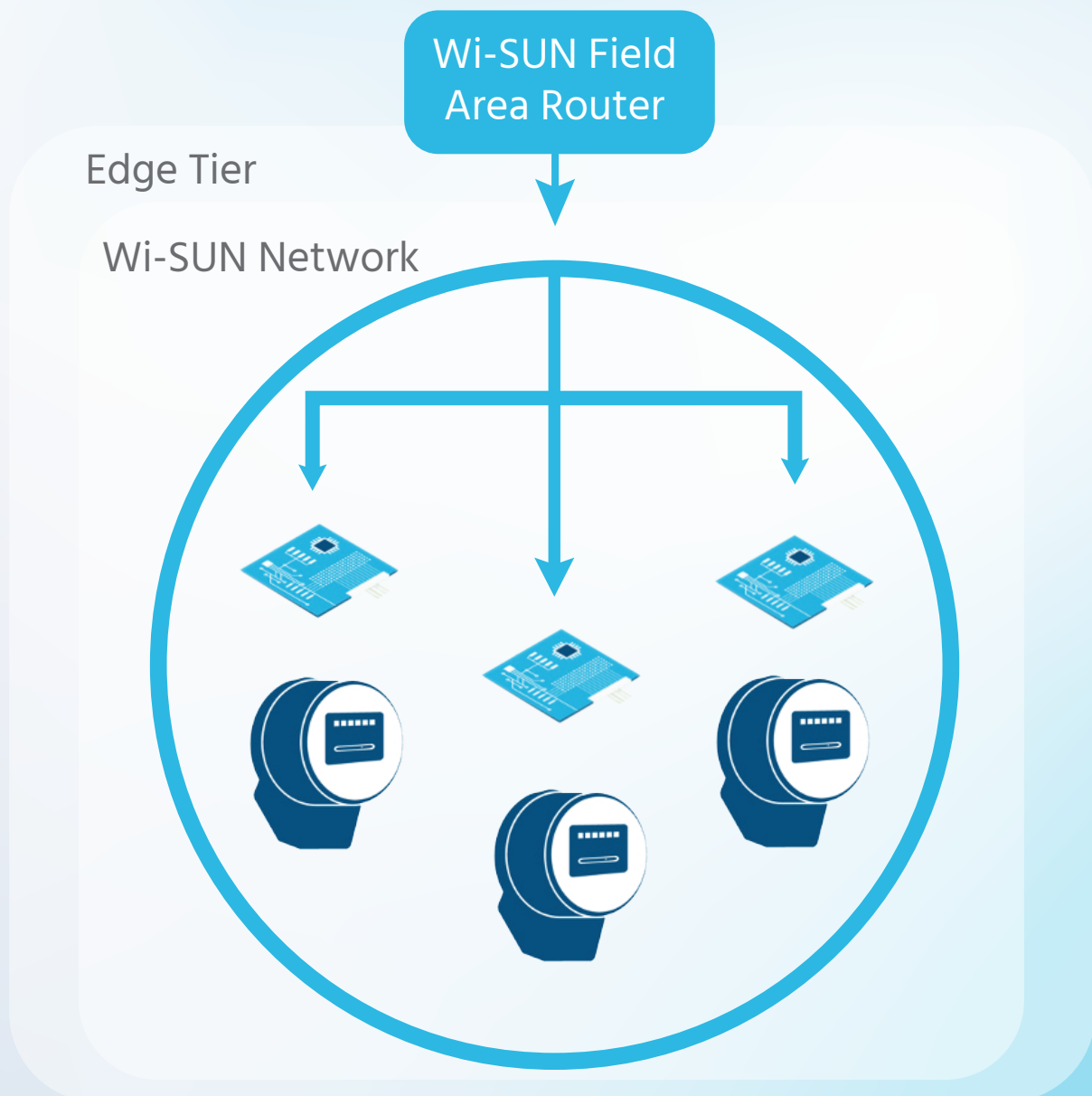
Customer Smart  
Meter



MMB  
Wi-SUN Module

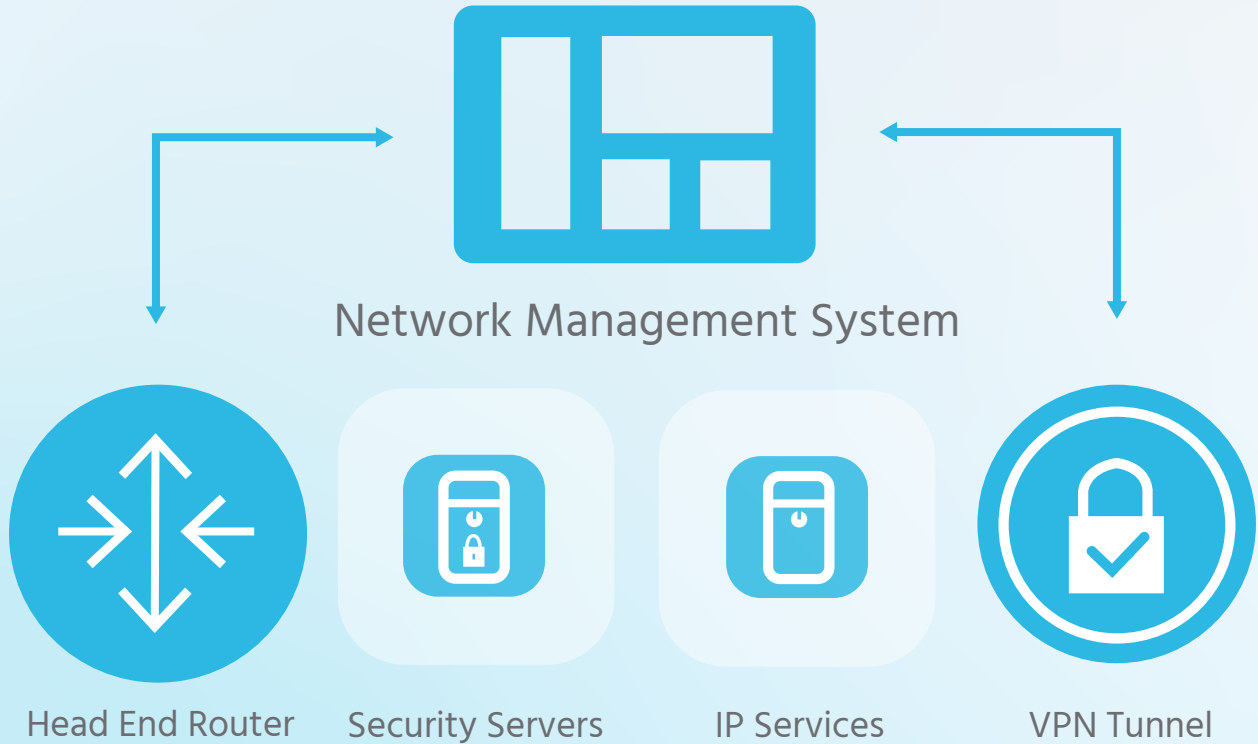


Wi-SUN is a self-healing mesh networking technology, with each mains-powered MMB NIC acting as a router. The Wi-SUN network, sometimes called the field-area network or FAN, is provisioned with one or more Field Area Routers that serve as network concentrators and provide a bridge to external networks like the internet.



All Wi-SUN Field Area Routers have an IP connection to a dedicated Network Management System (NMS) that handles all device provisioning and security, as well as critical functions like device monitoring and OTA upgrades.

### Network Management Platform



Finally, the Network Management System provides secure channels to the Meter Data Management System (MDMS), as well as Enterprise-tier utility applications for delivering customer services like dashboards and online billing.

