



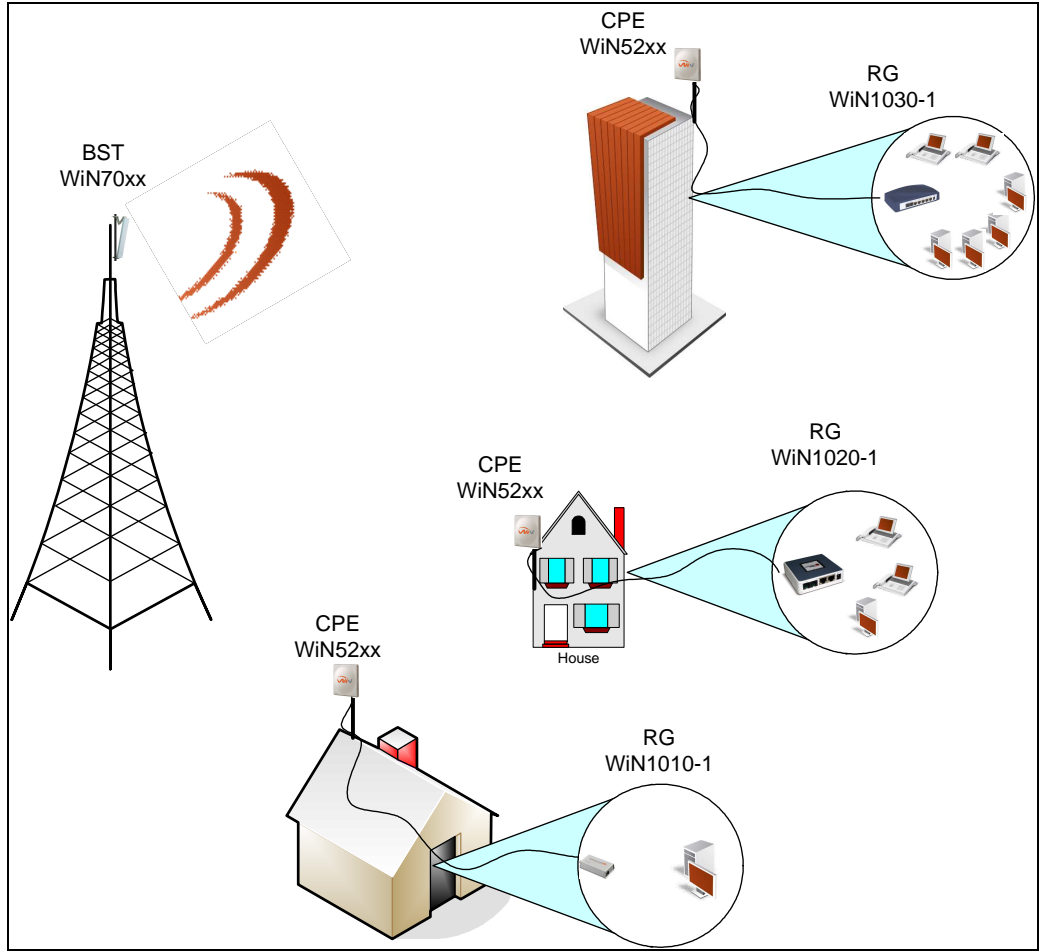
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CPE Operational description

The WiN5235 ODU CPE is an IEEE 802.16-2005 compliant wireless device for deployment of point-to-multipoint (PMP) and point-to-point (PTP) network architectures.

The WiN5235 ODU CPE is an outdoor device. The WiN5235 ODU CPE is WiMAX Forum 802.16e Wave 2 (MIMO) Certified subscribers. Each subscriber registers and establishes a bi-directional data link with the base station sector controller.

The CPE terminals are grouped into two classes, Outdoor CPEs and Residential Gateways (RG) which are indoor units. The relationship between all the units is illustrated below.



The base station is connected to the head-end over IP Backhaul or via wireless channels. The outdoor CPEs are connected to the base station over wireless channels. The outdoor CPE is connected to the indoor residential gateway over Ethernet or coaxial networks.

Sincerely,
 Shay Chaim
 Technology manager