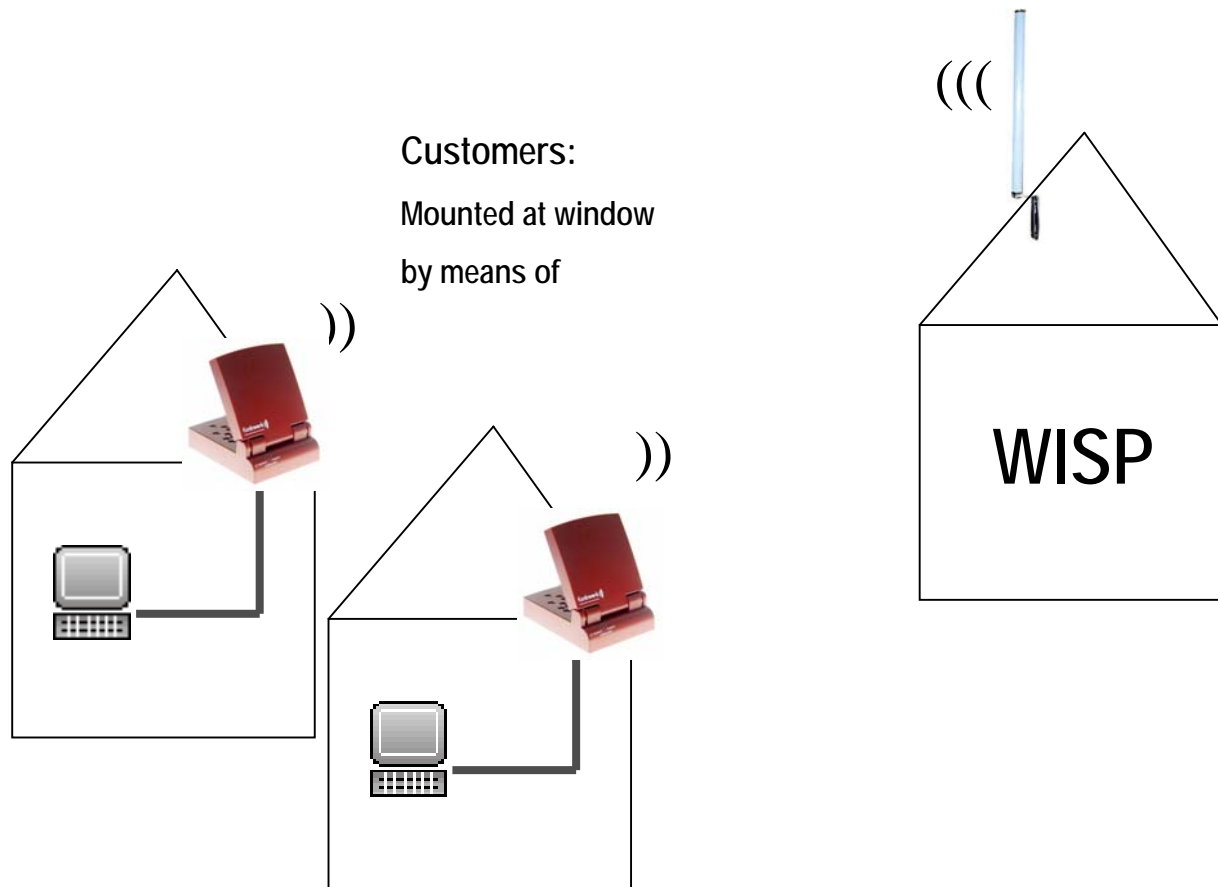


artem Solution—W100:
Connecting Customers to a Wireless ISP (WISP)



Due to its detachable, integrated 6 dBi antenna contained in the default scope of delivery, the artem W100 is well equipped to attain longer transmission ranges in comparison to the standard products with 2 dBi antennas or even fixed antennas. The above example shows two customers which are located in a distance of several hundred meters to the WISP. The precise ranges are the result of the used antennas, cables, radio modules, and performance settings on the part of the WISP. The customer can install the W100 very quickly at the window using the antenna mounting set and the two suction cups contained. For this purpose, the W100 is operated in the client mode and is shipped as a completely preconfigured system by the WISP; alternatively, the customer enters the configuration himself. The PC is connected via the Ethernet cable. To minimize sources of errors, the W100 supports auto-crossover (auto-MDI-MDI-X). It is therefore of no importance whether the customer uses a 1:1 cable or a cross cable.