VectaStar 3500
3.5GHz broadband fixed wireless access

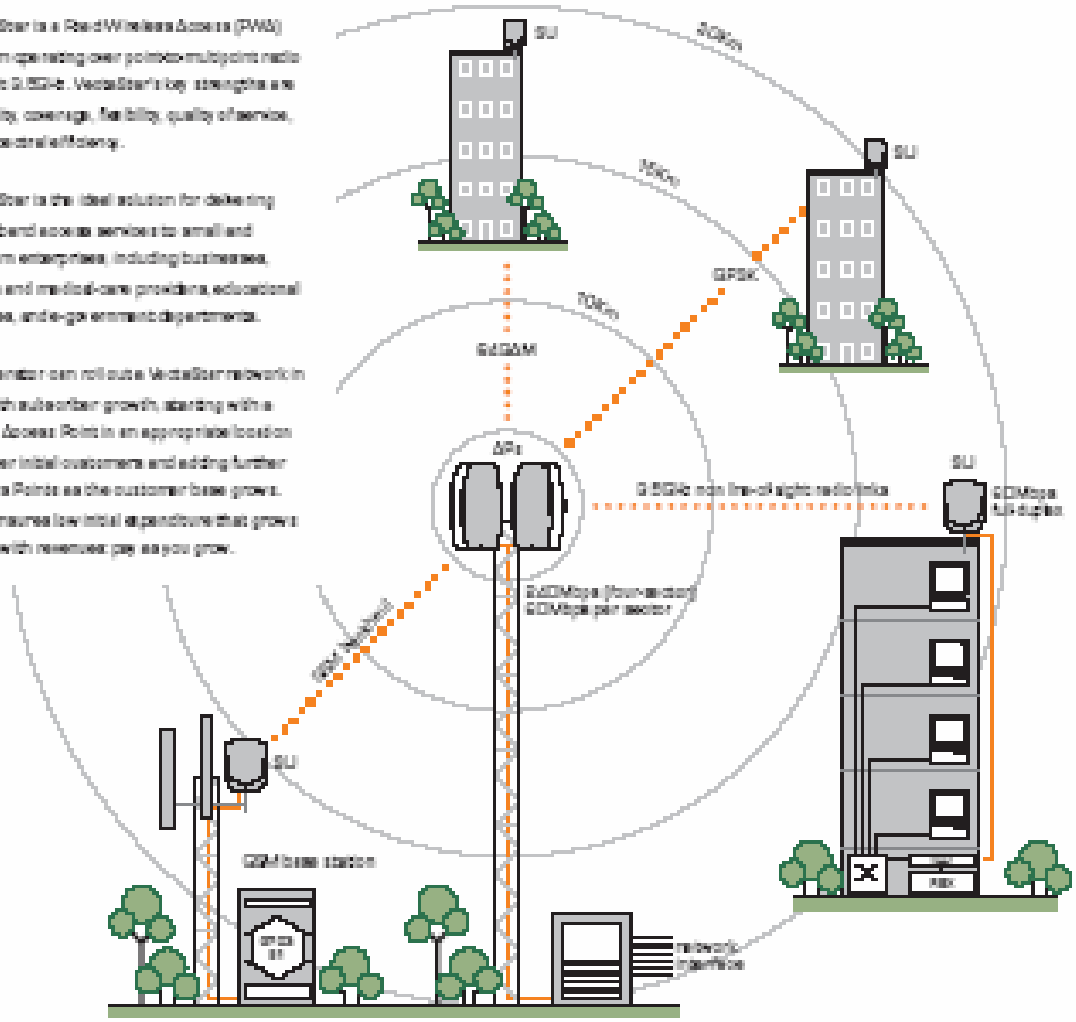
what is VectaStar ?

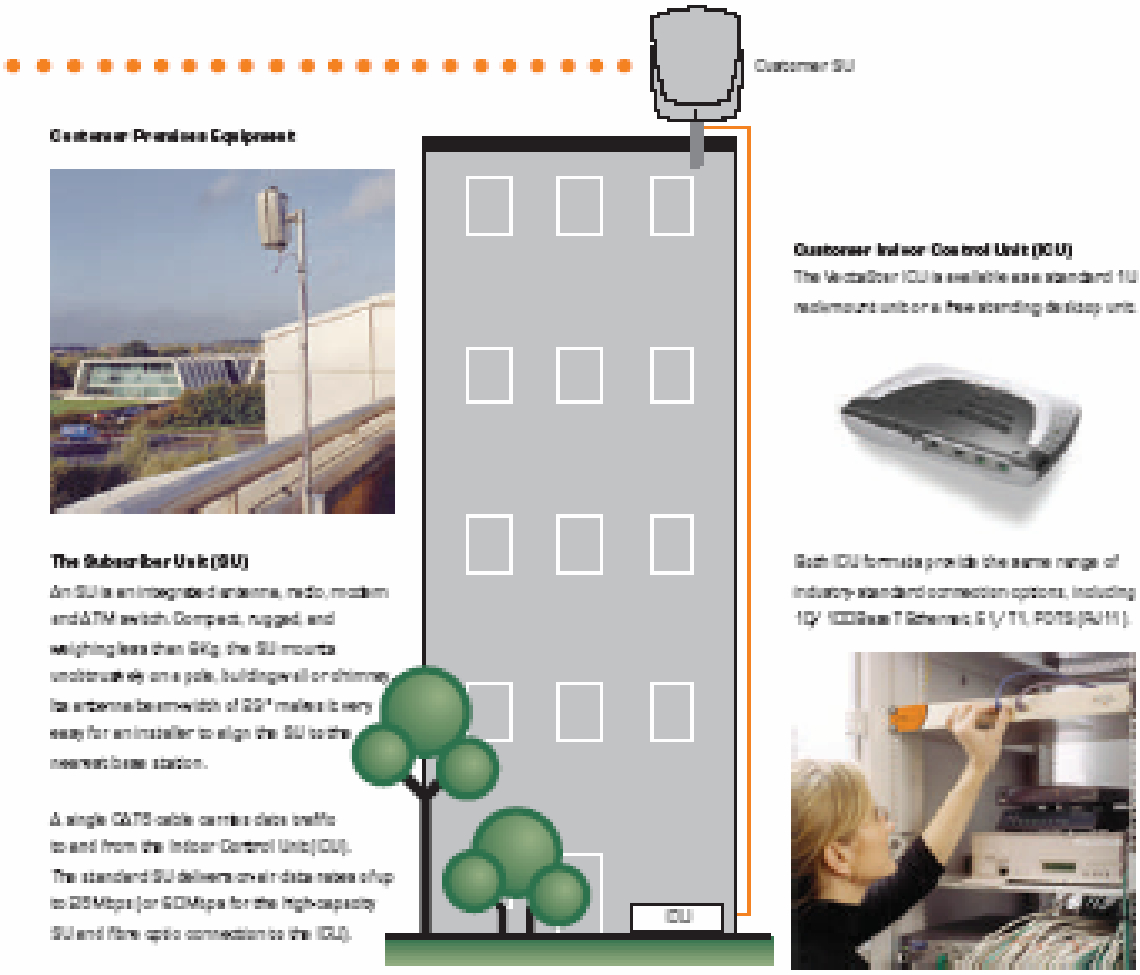
capacity, coverage, flexibility, quality of service, and spectral efficiency

VectaStar is a Fixed Wireless Access (FWA) system operating over point-to-multipoint radio links at 3.5GHz. VectaStar's key strengths are capacity, coverage, flexibility, quality of service, and spectral efficiency.

VectaStar is the ideal solution for delivering broadband access services to small and medium enterprises, including businesses, health and medical-care providers, educational centres, and e-government departments.

An operator can roll out a VectaStar network in line with subscriber growth, starting with a single Access Point in an appropriate location to cover initial customers and adding further Access Points as the customer base grows. This ensures low initial expenditure that grows in line with revenues: pay as you grow.




Customer SU
Customer Premises Equipment
The Subscriber Unit (SU)
An SU is an integrated antenna, radio, modem and ATM switch. Compact, rugged, and weighing less than 6Kg, the SU mounts unobtrusively on a pole, building wall or chimney. Its antenna beamwidth of 22° makes it very easy for an installer to align the SU to the nearest base station.
A single CAT5 cable carries data traffic to and from the Indoor Control Unit (ICU). The standard SU delivers air data rates of up to 25 Mbps (or 60 Mbps for the high-capacity SU and fibre optic connection to the ICU).
ICU
Customer Indoor Control Unit (ICU)
The VectaStar ICU is available as a standard 1U rackmount unit or a free standing desktop unit.
Both ICU formats provide the same range of industry-standard connection options, including 10/100Base-T Ethernet, E1/T1, POTS (RJ11).