

WEXNET - VÄXJÖ ENERGI AB

Växjö, Sweden



Benefits

- Support for open access
- Scalable Layer 3 solution
- Ease of management – no additional staff

Wexnet believed that the best way to serve its subscribers was by offering an open-access model that would allow any service provider to offer services to any home passed. As a result, the Layer 3 support and flexibility of the PacketFront solution became key. PacketFront was seen as the only vendor who could provide an off-the-shelf, fully functional open-access solution. The very lean operation permitted by PacketFront’s automation software, and the PacketFront team’s readiness to troubleshoot, were extra benefits.

Network size

The local government of Växjö was keen to promote the town as a haven for IT and so began looking at fiber-to-the-home (FTTH) networks in 2001, beginning roll-out in 2002. At the same time, another operator rolled out a closed-access network; that network has acquired by Wexnet. Wexnet now comprises 17,500 subscribers. The fiber roll-out continues in the community as well as expanding into neighboring communities and the subscriber number increases continuously.

Solution details

PacketFront was selected for the deployment based on a number of criteria, a key factor being the ability to offer services from multiple service providers. The BECS™ control and provisioning system, which allows operations staff to be kept to a minimum, strongly influenced the decision. Wexnet uses not only BECS but other supporting products such as PacketFront’s Subscriber Management Tool (SMT) and Help-desk Management Tool (HMT). The network also uses the ASR 5000 range of Advanced Services Routers, the IPD 1248 DSLAM and the DRG family of customer premises equipment.

Customer description

Wexnet is the broadband subsidiary of Växjö Energi AB, the municipal power company of Växjö in the center of southern Sweden.

www.wexnet.se

Customer type

Municipality power company,

Business model

Open Access

Access technology

Fiber and copper

Services

Internet
VoIP
IPTV
Business services

End-users

Homes and businesses

Project Information	
Date	Technology details
2001 Evaluation started	BECS™ - control and provisioning system
2002 Roll-out begun	HMT - helpdesk management tool SMT - subscriber management tool
2010 App. 17500 subscribers	ASR 5000 router IPD 1248 (IP DSLAM) DRG CPE series