

ONSNET NUENEN / VOLKER STEVIN TELECOM

THE NETHERLANDS

Benefits

- Single supplier for CPE, routers and management
- Ease of management – no need for additional staff
- Responsiveness of PacketFront



The VolkerWessels construction group chose PacketFront as their preferred supplier for a series of fiber-to-the-home (FTTH) network rollouts because of PacketFront’s ability to act as a single supplier for all elements, plus its superior automation capabilities. PacketFront’s support of multiple service providers and its responsiveness to customer requirements and feedback have also been highly appreciated.

Network size

The network comprises FTTH for practically the entire town of Nuenen and its 7,500 residences. During the first year of operation, when residents were entitled to subscribe for free, a take-up rate of about 95% was achieved. At the end of the initial year, when charges were introduced, approximately 80% of the subscribers were still willing to pay for the service.

Solution details

The OnsNet Nuenen project was one of the first FTTH projects in the Netherlands, pioneering the concepts of universal coverage, open access and the “triple-play” of voice, Internet and TV. Currently, one service provider is used for the voice and data (Internet) services and a second one provides analog CATV radio and TV channels. Trials have also been run for IPTV and Video on Demand using the QoS features of the PacketFront network elements.

Volker Stevin Telecom, a subsidiary of VolkerWessels Telecom, installs and manages the network via PacketFront’s BECS™ control and provisioning system. ASR 4624 routers are deployed within the network and subscribers gain access via a DRG with both CATV and FTU modules installed.

Customer description

OnsNet Nuenen is a cooperative owned by the residents of Nuenen to provide fiber access to each home. Various service providers share this fiber plant to offer services to the Nuenen residents.
www.onsnetnuenen.nl

Customer type

Municipal cooperative

Business model

Open access

Access technologies

Fiber

Services

Internet
VoIP
IPTV (trials)
Analog CATV

End-customers

Residential

| Project Information | |
|--|---------------------------------|
| Deployment via management & installation partner (Volker Stevin Telecom – www.vwt-vst.com) | |
| Date | Technology details |
| 2004/5: Roll out to approx 7,500 homes | BECS™ ASR 4624 DRG series |
| 2005: One year of free services provided, approx 95% of homes passed take advantage. | |
| 2006: End of free service, approx 80% of subscribers remain. | |