

# Com Hem

Sweden



## Benefits

- Automated network element configuration
- Zero-Touch Network roll-out
- Complete network documentation

ComHem AB, the largest Cable TV operator in Sweden has started a large scale FTTH roll-out. For network management ComHem selected PacketFront's BECS to automate the access and BNG network roll-out. Today the use of BECS has been expanded to a number of areas and it has become a central system for controlling ComHems network. For example, ComHem decided to use BECS for management of the Core and Backbone as well the CMTS networks consisting of 1.7 million users. BECS is utilized for both residential and business services.

### Network size

The CATV network has approximately 1,7 million connected homes. The FTTH network is currently being built in several cities from Gothenburg in the South to Luleå in the North. The roll-out plan consists of approx. 300.000 FTTH connections.

### Solution details

PacketFront Software has delivered BECS Control & Provisioning System for the management of core, backbone, CMTS, BNG and access elements from Cisco, D-Link and Huawei.

The BECS delivery includes a Plan and build tool for network documentation providing full overview of the network elements and their configuration. Other implemented features are for example resource management, configuration assurance and software management. BECS enables also zero-touch configuration of network elements in ComHem's multi-vendor environment. This means out-of-the-box element deployment and automated configuration control of network events.

ComHem has recently also entered the enterprise market. The plan is to use BECS for management of VPN and other business services.

The flexibility of the BECS has enabled ComHem to start with a limited set of functionality and over time increase the use to new tasks as the network expands and the need for further automation increases. BECS also provides ComHem a platform to develop own functions, making the system adaptable to future needs.

### Customer description

ComHem is the largest cable operator (CATV) in Sweden, providing a full range of services including on-demand and high-definition media content, high-speed broadband and fixed-telephony services.

**Customer type**  
Operator

**Installed base**  
1000 elements, 2013

**Business model**  
Vertical

**Access technology**  
Active Ethernet FTTx,  
Coax based CATV

**Service examples**  
Internet  
VoIP  
TV  
VPN

Project Information	
Date	Technology details
2013 Residential FTTx customers connected to the PacketFront system	BECS™ Huawei – Quidway s5300
2014 CMTS, Core and BNG nodes connected to BECS	Huawei – Quidway s6300 Cisco ASR9000