

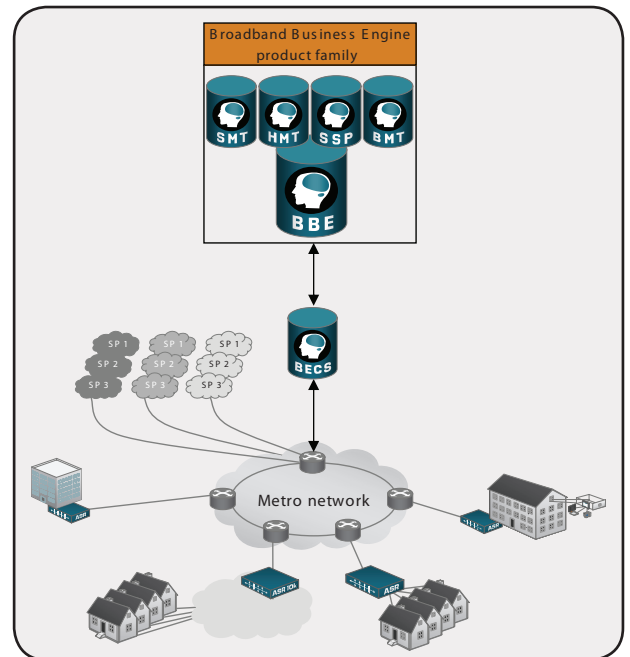
# BBE - Core

Broadband Business Engine - Core

*Easy and efficient handling of business processes in broadband networks*

## Key benefits:

- Control business processes
- Useful functions for leading edge service personalization
- Built on standards
- Easy to integrate
- Platform for interfacing with open access service providers
- Functionality for lightweight CRM systems



Broadband Business Engine – Core is the base for the BBE product family. Its purpose-built functions and design offers network owners the ultimate system for efficient handling of the business processes in broadband networks.

BBE – Core can be used by itself to serve as a business layer between external OSS/BSS systems and network management systems. Alternatively, it can be equipped with any of the pre-integrated applications: Subscriber Management Tool (SMT), Helpdesk Management Tool (HMT), Billing Management Tool (BMT) and/or Service Selection Portal (SSP).

A base for cost-efficient handling of business processes

The BBE product family is built with a framework containing the business logic and external interfaces towards the underlying network management systems, databases and other OSS/BSS platforms.

## Structured view of network resources

BBE – Core provides a way of structuring network resources within the network. The view can be made similar to a tree structure, making it possible to select separate nodes in the network for service delivery instead of delivering all services to all nodes. A service can be defined for delivery to only those nodes and delivery addresses that fulfill certain criteria e.g. that have a minimum bandwidth or belong to certain demographical groups etc.

The possibility of creating a structured view of the network nodes, allows both network owners and service providers to gain flexibility and an option for service differentiation.

## Open and standardized

Being built on the Telecom Management Forum (TMF) NGOSS standard data model, SID, BBE – Core is easily integrated with different applications for business process purposes, e.g. SMT, HMT and SSP. BBE – Core is also easily integrated with external applications.

## Modular - avoiding "lock ins"

The modularity of BBE enables networks owners to apply a pay-as-network-grows approach, avoiding being "locked" into a fixed system. Further, it provides flexibility for open access networks. Ownership and management of modules can be split between network owner and service providers. A security framework ensures that a service provider alone can access and manage their own products and customers.

## A lightweight CRM system

BBE is targeted medium size network owners/service providers needing a system for support of the most essential business processes in their broadband network operation. A modular system like BBE allows the network owner and/or service providers to select relevant modules accommodating their specific needs.

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### Technical requirements

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Database	PostgreSQL database 8.2
Application server	SUN Java System Application Server 9.1
Java	JDK 1.5
Operating System	Solaris 10
BECS	BECS 3.2 or higher
Recommended Hardware	SUN V215, Netra 210 or T1000 with 2GB memory ( minimum 4GB if SSP is used)